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

DRC-2014-006661

November 11, 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 3rd 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 3rd 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
Scott Bakken

White Mesa Uranium Mill

Chloroform Monitoring Report

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

3rd Quarter
(July through September)
2014

Prepared by:

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

November 11, 2014

TABLE OF CONTENTS

LIST OF TABLES

INDEX OF TABS

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 third 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 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 were sampled during the third quarter 2014 regularly scheduled quarterly chloroform sampling event. The chloroform results of both TW4-35 and TW4-36 were nondetect in the third quarter 2014. These wells will continue to be sampled quarterly as part of the routine quarterly chloroform sampling program.

2.1.2 TW4-6 and TW4-16 Resampling

The third quarter 2014 data for TW4-6 had a chloroform result of 202 ug/L and the third quarter result for TW4-16 had a chloroform result of 229 ug/L. Both wells were resampled in the third quarter to verify the reported detections. The resample results for TW4-6 were 260 ug/L and the resample results for TW4-16 were 371 ug/L. The resample results verified the initial chloroform detections. The occurrence of elevated chloroform at TW4-6 and TW4-16 is likely related to changes in pumping for the nitrate program and reduced dilution resulting from cessation of water delivery to the northern wildlife ponds in March 2012. EFRI plans to add four more pumping wells upgradient of or adjacent to TW4-6 and TW4-16 after the approval of the Groundwater Corrective Action Plan ("GCAP"). It is anticipated that the additional pumping wells will address the chloroform detections in TW4-6 and TW4-16.

2.1.3 Chloroform Monitoring

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

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

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.

2.1.4 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.

2.1.5 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 Chemtech-Ford ("CTF"). 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, three duplicate samples were collected as indicated in Table 1. The duplicates were sent blind to the analytical laboratory and analyzed for the same parameters as the chloroform wells.

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

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

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

3.2 Adherence to Mill Sampling SOPs

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

3.3 Analyte Completeness Review

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

3.4 Data Validation

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

3.4.1 Field Data QA/QC Evaluation

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

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

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

Purging a Well to Dryness and Stability of a Limited List of Field Parameters
Wells TW4-02, TW4-03, TW4-06, TW4-06 Resample, TW4-07, TW4-10, TW4-13, TW4-14, TW4-26, TW4-27, TW4-29, TW4-30, TW4-31, TW4-33, TW4-34, TW4-35, and TW4-36 were pumped to dryness before two casing volumes were evacuated. After well recovery, one set of measurements were taken. The samples were then collected, and another set of measurements were taken. Stabilization of pH, conductivity and temperature are required within 10% RPD under the QAP, Revision 7.2. The QAP requirements for stabilization were met.

Continuously Pumped Wells

Wells MW-04, TW4-04, 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, TW4-12, TW4-16, TW4-16 Resample, 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 TW4-8/TW4-70 and chloroform in duplicate pair TW4-6/TW4-75. Duplicate results are provided under Tab I. The approved QAP specifies a separate corrective action for duplicate RPDs outside of acceptance limits. The revised procedure for duplicate results outside of acceptance limits was implemented during the quarter for the results in duplicate pairs TW4-8/TW4-70 and TW4-6/TW4-75. 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 samples associated with these rinsate blanks were all an order of magnitude greater than the associated rinsate blank results as required by the QAP. The nitrate rinsate blank detections were compliant with the requirements of the QAP and the data usability is not affected.

EFRI had to use an alternative lab during the quarter, because the usual contact laboratory, American West Analytical Laboratories ("AWAL"), suffered a catastrophic fire at their facility in July 2014, and could not accept samples. EFRI has addressed low level detection in rinsates and DIFBs in the past by changing laboratories to AWAL. All of the AWAL data for rinsates and DIFBs have been reported as non-detect to date. EFRI anticipates the low level detections will be eliminated once AWAL's analytical capabilities are restored. Corrective actions for this issue are described in Section 6.0.

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. Furthermore, several of the MS/MSD samples, which were spiked for the MS/MSD analyses, were not collected at the Mill, and as such the matrix interference is not applicable to the Mill samples reported herein. 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. 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 likely contribute to the lack of a well-defined cone of depression near chloroform pumping well TW4-4. Changes in water levels at wells immediately south of TW4-4 resulting from TW4-4 pumping are expected to be muted because TW4-4 is located at a transition from relatively high to relatively low permeability conditions south (downgradient) of TW4-4. The permeability of the perched zone at TW4-6, TW4-26, TW4-29, and TW4-33 is approximately two orders of magnitude lower than at TW4-4. Any drawdown of water levels at wells immediately south of TW4-4 resulting from TW4-4 pumping is also difficult to determine because of the general, long-term increase in water levels in this area due to recharge from the wildlife ponds.

Water levels at TW4-4 and TW4-6 increased by nearly 2.7 and 2.9 feet, respectively, between the fourth quarter of 2007 and the fourth quarter of 2009 (just prior to the start of TW4-4 pumping) at rates of approximately 1.2 feet/year and 1.3 feet/year, respectively. However, the rate of increase in water levels at TW4-6 after the start of pumping at TW4-4 (first quarter of 2010) was reduced to approximately 0.5 feet/year suggesting that TW4-6 is within the hydraulic influence of TW4-4. Furthermore, water levels at TW4-6 have been trending downward since the fourth quarter of 2013 suggesting an additional influence related to the cessation of water delivery to the northern wildlife ponds as discussed above. Recharge from the southern wildlife pond is expected to continue to have an effect on water levels near TW4-4, even as the groundwater mound associated with recharge from the northern ponds diminishes over time due to cessation of water delivery to these ponds.

The lack of a well-defined cone of depression at TW4-4 is also influenced by the persistent, relatively low water level at non-pumping well TW4-14, located east of TW4-4 and TW4-6. For the current quarter, the water level at TW4-14 was measured at approximately 5529.8 feet above mean sea level ("ft amsl"). This is approximately 9 feet lower than the water level at TW4-6 (approximately 5538.7 ft amsl) and 14 feet lower than the water level at TW4-4 (approximately 5543.7 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 5527.5 ft amsl, similar to TW4-14 (approximately 5529.8 ft amsl). TW4-27 was positioned at a location considered likely to detect any chloroform present and/or to bound the chloroform plume to the southeast and east (respectively) of TW4-4 and TW4-6. As will be discussed below, groundwater data collected since installation indicates that TW4-27 does indeed bound the chloroform plume to the southeast and east of TW4-4 and TW4-6 (respectively); however chloroform exceeding 70 µg/L has been detected at recently installed

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

Prior to the installation of TW4-27, the persistently low water level at TW4-14 was considered anomalous because it appeared to be downgradient of all three wells TW4-4, TW4-6, and TW4-26, yet chloroform 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 (5537.3 feet amsl) is, however, lower than water levels at adjacent wells TW4-6 (5538.7 feet amsl), and TW4-23 (5540.7 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 reduced the rate of long-term water level increase at TW4-14 and TW4-27 compared to nearby wells, yielding water levels that appeared anomalously low. This behavior is consistent with hydraulic test data collected from recently installed wells TW4-29, TW4-30, TW4-31, TW4-33, TW4-34 and 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 1.3 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 wells TW4-30 (located east and downgradient of TW4-29), nor TW4-31 (located east of TW4-27), nor TW4-34 (located south and cross-gradient of TW4-29), nor at new well TW4-35 (located southeast and cross- to downgradient of TW4-29). The detections at TW4-29 and TW4-33 suggest that chloroform migrated southeast from the vicinity of TW4-4 to TW4-33 then TW4-29 in a direction nearly cross-gradient with respect to the direction of groundwater flow implied by the groundwater elevations. Such migration is possible because the water level at TW4-29 is lower than the water level at TW4-4 (and TW4-6). The

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

Data from existing, 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, TW4-34, and new well TW4-35. TW4-30 is downgradient of TW4-29; TW4-26 is upgradient of TW4-29; TW4-27 and TW4-34 are cross-gradient of TW4-29; and new well TW4-35 is cross- to downgradient of TW4-29.
2. Chloroform concentrations at TW4-33 that are lower than concentrations at TW4-29, and the likelihood that a pathway exists from TW4-4 to TW4-33 to TW4-29, suggest that concentrations in the vicinity of TW4-33 were likely higher prior to initiation of TW4-4 pumping, and that lower concentrations currently detected at TW4-33 are due to its closer proximity to TW4-4.

Furthermore, TW4-4 pumping is likely to reduce chloroform at both TW4-33 and TW4-29 by cutting off the source. The decrease at TW4-33 is expected to be faster than at TW4-29 because TW4-33 is in closer proximity to TW4-4 pumping. Such behavior is expected by analogy with the decreases in chloroform concentrations that occurred at TW4-6 and TW4-26 once TW4-4 pumping began. Since installation in 2013, concentrations at TW4-29 appear to relatively stable, and concentrations at.TW4-33 appear to be declining.

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 second quarter of 2014, as submitted with the Chloroform Monitoring Report for the second quarter of 2014, is attached under Tab E.

A comparison of the water table contour maps for the current quarter (third quarter of 2014) to the water table contour maps for the previous quarter (second quarter of 2014) indicates slightly smaller 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. While water levels in nitrate pumping wells TW4-22 and TW4-25 showed small increases, the water level at TWN-2 showed a large decrease this quarter

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

Small (<1foot) decreases in water levels were reported at the majority of site wells; otherwise, water levels and water level contours for the site have not changed significantly since the last

quarter except for a few locations. Reported increases in water levels (decreases in drawdown) of approximately 1.8, 1.2, 2.0, 1.0, and 1.5 feet occurred in chloroform pumping wells MW-26, TW4-19, and TW4-20, and nitrate pumping wells TW4-22 and TW4-25, respectively. A decrease in water level (increase in drawdown) of approximately 8 feet was reported for nitrate pumping well TWN-2. Changes in water levels at other pumping wells (chloroform pumping wells MW-4 and TW4-4 and nitrate pumping well TW4-24) were less than 1 foot. 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 increases in water levels (decreases in drawdown) at chloroform pumping wells MW-26, TW4-19 and TW4-20 and nitrate pumping wells TW4-22 and TW4-25 have slightly decreased the apparent capture of these wells relative to other pumping wells.

Reported water level decreases of less than 1 foot at Piezometers 1 through 3, TWN-1, TWN-3 TWN-4, TWN-6, TWN-18, and MW-19 may result from cessation of water delivery to the northern wildlife ponds as discussed in Section 4.1.1 and the consequent continuing decay of the associated perched water mound. However, because water levels at most site wells decreased slightly this quarter, many of the small decreases may result from a change in barometric pressure over the measurement period. Reported water level decreases greater than 1 foot (approximately 1.3 feet and 1.7 feet) at Piezometers 4 and 5 may result from reduced recharge at the southern wildlife pond.

Reported water levels increased by approximately 3.8 feet at MW-20 and decreased by approximately 3.3 feet at MW-37 between the previous quarter and the current quarter. These water level changes compensate in part for the changes reported last quarter. Water level variability at these wells is 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.

Compared to last quarter, reported changes in water levels at nitrate pumping wells other than TWN-2 were less than two feet, as were the reported water level changes at chloroform pumping wells other than TW4-20. A large decrease of approximately 8 feet was reported for nitrate pumping well TWN-2, and an increase slightly greater than 2 feet was reported for chloroform pumping well TW4-20. The relatively large decrease in water level at TWN-2 affected the apparent capture of other nearby pumping wells, but the overall capture of the combined nitrate and chloroform pumping systems does not appear to have changed significantly since last quarter.

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

Chloroform concentrations at many locations have been or appear to be affected by changes associated with reduced dilution from the wildlife ponds and nitrate pumping. For example, increases in chloroform at TW4-22 and TW4-24 after these wells were converted to nitrate pumping wells are attributable to westward migration of chloroform from the vicinity of TW4-20 toward these wells. The increase in concentration at TW4-8 from non-detect to 100 µg/L in the first quarter of 2014 is likely related to reduced dilution. As will be discussed in Section 4.2.3, chloroform concentrations in TW4-6 and TW4-16 increased from approximately 10 µg/L and 15 µg/L, respectively, last quarter, to approximately 260 µg/L and 371 µg/L this quarter. These changes are likely related to both reduced dilution and more westward flow induced by nitrate pumping.

TW4-6 is located immediately south and cross- to downgradient of chloroform pumping well TW4-4. Chloroform concentrations exceeding 70 µg/L have occurred in the past at TW4-6 (between the first quarter of 2009 and the third quarter of 2010). Relatively low permeability and relatively small saturated thickness in the vicinity of TW4-6 limit the rate at which chloroform mass can be removed by pumping. However, pumping at more productive upgradient locations

such as TW4-4 enhances mass removal and lowers hydraulic gradients, thereby reducing the rate of downgradient chloroform migration and allowing natural attenuation to be more effective. Pumping at TW4-4 was implemented during the first quarter of 2010 to improve capture downgradient of TW4-4 to the extent allowable by the lower productivity conditions present in this area. The beneficial effect of pumping TW4-4 is demonstrated by the net decreases in TW4-6 chloroform concentrations from 1,000 µg/L to 10.3 µg/L, and in TW4-26 from 13 µg/L to 4.2 µg/L, between the initiation of TW4-4 pumping and last quarter. Concentrations at these wells decreased substantially even though they do not unambiguously appear to be within the hydraulic capture of TW4-4. As discussed in Section 4.1.1, however, the decrease in the long-term rate of water level rise at TW4-6 since TW4-4 pumping began does suggest that TW4-6 is within the hydraulic influence of TW4-4. Regardless of whether TW4-6 can be demonstrated to be within the hydraulic capture of TW4-4, pumping TW4-4 helps to reduce chloroform migration to TW4-6, TW4-26, and other downgradient locations by the mechanisms discussed above.

Likewise, pumping at other productive upgradient locations has a beneficial impact on downgradient chloroform even if the downgradient chloroform is not completely within the hydraulic capture of the productive upgradient well(s). For example, pumping at MW-26 likely reduced chloroform concentrations at TW4-16 from a maximum of 530 µg/L in the second quarter of 2004 to less than 70 µg/L by the fourth quarter of 2005, and maintained concentrations below 70 µg/L until last quarter, even though TW4-16 appears to be just beyond the hydraulic capture of MW-26.

Chloroform exceeding 70 µg/L was detected at recently installed well TW4-29, located south of TW4-27 and east of TW4-26, and generally cross-gradient of TW4-4 and TW4-6 with respect to the groundwater flow directions implied by groundwater elevations in the area. As discussed in Section 4.1.1, this may represent chloroform migrating around the low permeability area defined by TW4-27, TW4-14 and TW4-36. The apparent migration pathway from TW4-4 to TW4-29 is consistent with chloroform exceeding 70 µg/L detected at recently installed well TW4-33, located between TW4-4 and TW4-29. Chloroform concentrations at TW4-33 that are lower than concentrations at TW4-29, and the likelihood that a pathway exists from TW4-4 to TW4-33 to TW4-29, suggest that concentrations in the vicinity of TW4-33 were likely higher prior to initiation of TW4-4 pumping. TW4-4 pumping is likely to 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 at TW4-6 and TW4-26 once TW4-4 pumping began.

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

4.2 Review of Analytical Results

4.2.1 Current Chloroform Isoconcentration Map

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

4.2.2 Chloroform Concentration Trend Data and Graphs

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

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

4.2.3 Interpretation of Analytical Data

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

a) Chloroform concentrations have increased by more than 20% in the following wells compared to last quarter: TW4-6, TW4-9, TW4-16, TW4-19, and TW4-24;

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

c) Chloroform concentrations have remained within 20% in the following wells compared to last quarter: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-5, TW4-7, TW4-8, 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 was not detected in new wells TW4-35 and TW4-36.

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, TW4-9, TW4-16, TW4-19, TW4-20, TW4-24, and TW4-26 had changes in concentration greater than 20%. Of these, 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, and TW4-9 and TW4-16 are located adjacent to chloroform pumping well MW-26. Fluctuations in concentrations at both chloroform and nitrate pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping. Slight changes in plume boundaries and concentrations at wells near the boundaries are expected to result from changes in pumping.

Chloroform concentrations at TW4-6 and TW4-16, which increased from 10.3 µg/L to 260 µg/L and from 14.6 µg/L to 371 µg/L, respectively, indicate that the western plume boundary has migrated to the southwest of TW4-6 and TW4-16. The plume boundary is now located between TW4-6 and TW4-26, and between TW4-16 and MW-32. Although concentrations at TW4-6 and TW4-16 are affected by their positions adjacent to pumping wells and plume boundaries, the relatively large chloroform increases are likely to result primarily from reduced dilution and more westward flow induced by nitrate pumping.

In addition, the chloroform concentration at TW4-9 increased from 6.9 µg/L to 46.9 µg/L. TW4-9 was non-detect from the third quarter of 2008 through first quarter of 2014. The increase in chloroform at TW4-9 over the last two quarters is also likely related to reduced dilution resulting from cessation of water delivery to the northern wildlife ponds.

Chloroform pumping well TW4-20 and nitrate pumping well TW4-22 had the highest detected chloroform concentrations of 12,400 µg/L. Since the last quarter, the chloroform concentration in TW4-20 decreased from 22,100 to 12,400 µg/L, the concentration in adjacent pumping well TW4-19 increased from 810 to 1,410 µg/L, and the concentration in nearby well TW4-21 decreased from 240 to 204 µg/L. The chloroform concentration in nitrate pumping well TW4-22 remained at 12,400 µg/L. Last quarter, the chloroform concentration in nitrate pumping well TW4-24 decreased from 78.5 µg/L to 62.7 µg/L, placing TW4-24 outside the western boundary of the chloroform plume. This quarter, the chloroform concentration in TW4-24 increased from 62.7 to 76.3 µg/L, bringing it back within the chloroform plume. TW4-25 remained non-detect for chloroform. TW4-25, located north of TW4-21, continues to bound the chloroform plume to the north.

Chloroform at TW4-8 (which was non-detect from the first quarter of 2008 through the fourth quarter of 2013) decreased in concentration from 122 µg/L to 107 µg/L. TW4-8 is located immediately east of chloroform pumping well MW-4, where chloroform was detected at a concentration of 1,490 µg/L. From the first quarter of 2005 through 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), to the east by new well TW4-36 (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 along the eastern plume boundary immediately east of pumping well MW-4. Changes in the plume boundary near TW4-8 are expected to result from changes in pumping and reduced dilution resulting from cessation of water delivery to the northern wildlife ponds.

Chloroform at recently installed well TW4-29 (located at the southern tip of the plume, to the east of TW4-26 and to the south of TW4-27) decreased from 262 µg/L to 242 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 southeast by new well TW4-35 (non-detect), to the south by TW4-34 (non-detect), and to the west by TW4-26 (1.3 µg/L).

Chloroform at recently installed well TW4-33 (located between TW4-4 and TW4-29) also showed a decrease in concentration, from 121 µg/L to 104 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 TW4-23 (non-detect), and to the south and west by TW4-26 (1.3 µg/L). This chloroform distribution indicates that the plume southeast of TW4-4 is very narrow compared to more upgradient locations.

As discussed above, the chloroform concentration in TW4-6 increased from approximately 10.3 µg/L to 260 µg/L, and is again within the chloroform plume boundary. Concentrations at TW4-6 exceeded 70 µg/L in the past, from the first quarter of 2009 through the third quarter of 2010. Between initiation of pumping of TW4-4 in the first quarter of 2010 and last quarter, concentrations at TW4-6 showed 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 relatively slow rate of chloroform migration in the vicinity of TW4-6 in the past is demonstrated by comparing the rate of increase in chloroform at this well to the rate of increase in the nearest upgradient well TW4-4. Concentrations at TW4-4 increased from non-detect to more than 2,200 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 after initiation of TW4-4 pumping, chloroform concentrations at TW4-29 and TW4-33 are expected to eventually trend downward.

Although changes in concentration have occurred in wells within the chloroform plume, the boundaries of the plume have not changed significantly since the last quarter, except on the west and southwest sides of the plume near TW4-6, TW4-16 and TW4-24. Nitrate pumping has caused the boundary of the northern portion of the chloroform plume to migrate to the west toward TW4-24. Over the last three quarters, TW4-24 has been both inside and outside the plume and is again inside the plume. As discussed above, increased concentrations at TW4-6 and TW4-16 (both of which were within the chloroform plume in the past) indicate that the plume boundary has migrated to the southwest and re-incorporated these wells. These changes are likely related to reduced dilution from cessation of water delivery to the northern wildlife ponds and more westerly flow induced by nitrate pumping. However, continued operation of the nitrate pumping system is expected to enhance the capture zone associated with the chloroform pumping system even though nitrate pumping may redistribute chloroform within the plume and cause changes in the plume boundaries.

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 C.

5.4 Pumping Rates and Volumes

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

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

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.

No operational problems were observed with the wells or pumping equipment during the quarter.

5.5 Mass Removed

Chloroform removal was estimated as of the first quarter 2007. Since that estimation, the mass removed by well for each quarter has been compiled in Table 2, which shows the pounds of chloroform that have been removed to date.

5.6 Inspections

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

5.7 Conditions That May Affect Water Levels in Piezometers

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

6.0 CORRECTIVE ACTION REPORT

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

6.1 Identification and Definition of the Problem

Two rinsate samples contained a low level nitrate detections at 0.1 and 0.3 mg/L which is mostly likely the result of laboratory contamination.

6.2 Assignment of Responsibility for Investigation of the Problem

The issue has been investigated by the QA Manager.

6.3 Investigation and Determination of Cause of the Problem

Since the DIFB collected for the quarter is non-detect, EFRI believes the nitrate present in the rinsate samples is due to laboratory contamination and does not represent actual nitrate contamination. EFRI used an alternative laboratory, CTF, during the quarter, because the Mill's usual contract laboratory, AWAL, suffered a catastrophic fire and could not accept samples.

6.4 Determination of a Corrective Action to Eliminate the Problem

EFRI has implemented corrective actions for low level detections in rinsates and DIFBs in the past by changing the rinsate requirements in the currently approved QAP and by changing laboratories to AWAL. This corrective action has proven to be successful as all of the AWAL data for rinsates and DIFBs have been reported as non-detect to date. EFRI anticipates the low level detections will be eliminated once AWAL's analytical capabilities are restored.

6.5 Assigning and Accepting Responsibility for Implementing the Corrective Action

It will be the responsibility of the QA manager to review the data for the quarter after AWAL's analytical capabilities are restored to determine if any further investigation is required.

6.6 Implementing the Corrective Action and Evaluating Effectiveness

The corrective action will be implemented and evaluated after AWAL's analytical capabilities are restored. EFRI anticipates this will occur during either the fourth quarter of 2014 or the first quarter of 2015 sampling events.

6.7 Verifying That the Corrective Action Has Eliminated the Problem

Verification of the corrective action; changing labs, will occur during the assessment of the first set of samples analyzed by AWAL after their analytical capabilities are restored. If detections persist, EFRI will research and investigate additional sources of the contamination.

6.8 Assessment of Previous Quarter's Corrective Actions

There were no corrective actions in the 2nd quarter 2014 chloroform sampling event.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The water level contour maps for the third 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, between the first quarter of 2010 and last quarter, decreases in chloroform concentrations and the rate of water level rise at TW4-6 (located downgradient of TW4-4) likely resulted from TW4-4 pumping. Cones of depression associated with the nitrate pumping wells became evident as of the fourth quarter, 2013, and capture associated with the nitrate pumping is expected to continue to develop.

Third 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, TW4-9, TW4-16, TW4-19, TW4-20, TW4-24, and TW4-26. Of these, 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, and TW4-9 and TW4-16 are located adjacent to chloroform pumping well MW-26. Fluctuations in concentrations at both chloroform and nitrate pumping wells and wells adjacent to pumping wells likely result in part from changes in pumping. Changes in pumping are also expected to result in slight changes in plume boundaries and concentrations at wells near the boundaries. In addition, changes in concentrations at chloroform wells are expected to result from continued operation of nitrate pumping wells as the capture associated with nitrate pumping expands.

Chloroform concentrations at TW4-6 and TW4-16, which increased from 10.3 µg/L to 260 µg/L and from 14.6 µg/L to 371 µg/L, respectively, indicate that the western plume boundary has migrated to the southwest. The plume boundary is now located between TW4-6 and TW4-26, and between TW4-16 and MW-32. Although concentrations at TW4-6 and TW4-16 are affected by their positions adjacent to pumping wells and plume boundaries, the relatively large chloroform increases are likely to result primarily from reduced dilution and more westward flow induced by nitrate pumping.

In addition, the chloroform concentration at TW4-9 increased from 6.9 µg/L to 46.9 µg/L. TW4-9 was non-detect from the third quarter of 2008 through first quarter of 2014. The increase in

chloroform at TW4-9 over the last two quarters is also likely related to reduced dilution resulting from cessation of water delivery to the northern wildlife ponds.

Chloroform at TW4-8 (which was non-detect from the first quarter of 2008 through the fourth quarter of 2013) decreased in concentration from 122 µg/L to 107 µg/L. From the first quarter of 2005 through 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), to the east by new well TW4-36 (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 along the eastern plume boundary immediately east of pumping well MW-4. Changes in the plume boundary near TW4-8 are expected to result from changes in pumping and reduced dilution resulting from cessation of water delivery to the northern wildlife ponds.

Chloroform pumping well TW4-20 and nitrate pumping well TW4-22 had the highest detected chloroform concentrations of 12,400 µg/L. Since the last quarter, the chloroform concentration in TW4-20 decreased from 22,100 to 12,400 µg/L, the concentration in adjacent pumping well TW4-19 increased from 810 to 1,410 µg/L, and the concentration in nearby well TW4-21 decreased from 240 to 204 µg/L. The chloroform concentration in nitrate pumping well TW4-22 remained at 12,400 µg/L. Last quarter, the chloroform concentration in TW4-24 decreased from 78.5 µg/L to 62.7 µg/L, placing TW4-24 outside the western boundary of the chloroform plume. This quarter, the chloroform concentration in TW4-24 increased from 62.7 to 76.3 µg/L, bringing it back within the chloroform 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.

Chloroform at recently installed well TW4-29 (located at the southern tip of the plume, to the east of TW4-26 and to the south of TW4-27) decreased from 262 µg/L to 242 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 southeast by new well TW4-35 (non-detect), to the south by TW4-34 (non-detect), and to the west by TW4-26 (1.3 µg/L).

Chloroform at recently installed well TW4-33 (located between TW4-4 and TW4-29) also showed a decrease in concentration, from 121 µg/L to 104 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 TW4-23 (non-detect), and to the south and west by TW4-26 (1.3 µg/L). This chloroform distribution indicates that the plume southeast of TW4-4 is very narrow compared to more upgradient locations.

Although changes in concentration have occurred in wells within the chloroform plume, the boundaries of the plume have not changed significantly since the last quarter, except on the west and southwest sides of the plume near TW4-6, TW4-16 and TW4-24. Nitrate pumping has caused the boundary of the northern portion of the chloroform plume to migrate to the west toward TW4-24. Over the last three quarters, TW4-24 has been both inside and outside the

plume and is again inside the plume. As discussed above, increased concentrations at TW4-6 and TW4-16, both of which were within the chloroform plume in the past, indicate that the plume boundary has migrated to the southwest. The re-incorporation of TW4-6 and TW4-16 into the plume is likely related to reduced dilution from cessation of water delivery to the northern wildlife ponds and more westerly flow induced by nitrate pumping. However, continued operation of the nitrate pumping system is expected to enhance the capture zone associated with the chloroform pumping system even though nitrate pumping may redistribute chloroform within the plume and cause changes in the plume boundaries. Overall, the plume is bounded to the north by TW4-25; to the west and southwest by MW-28, MW-31, MW-32, TW4-23 and TW4-26; to the east by TW4-3, TW4-5, TW4-9, TW4-12, TW4-13, TW4-14, TW4-18, TW4-27, TW4-30, and TW4-36; to the south by TW4-34; and to the southeast by TW4-35.

Continued operation of chloroform pumping wells MW-4, MW-26, TW4-19, and TW4-20 is recommended. Pumping these wells, regardless of any short term fluctuations in concentrations detected at the wells (such as at TW4-20), helps to reduce downgradient chloroform migration by removing chloroform mass and reducing hydraulic gradients, thereby allowing natural attenuation to be more effective. Continued operation of chloroform pumping well TW4-4 is also recommended to improve capture of chloroform to the extent practical in the southern portion of the plume. The overall decrease in chloroform concentrations at TW4-6 from 1,000 µg/L in the first quarter of 2010 to 10.3 µg/L last quarter 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 after initiation of TW4-4 pumping, 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. Recent increases in chloroform concentrations at TW4-6, TW4-8, TW4-9, and TW4-16 are likely related in part to reduced dilution.

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

8.0 ELECTRONIC DATA FILES AND FORMAT

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

9.0 SIGNATURE AND CERTIFICATION

This document was prepared by Energy Fuels Resources (USA) Inc. on November 11, 2014.

Energy Fuels Resources (USA) Inc.

By:

Scott A. Bakken
Director, 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.

Scott A. Bakken
Director, 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	8/11/2014	9/15/2014
TW4-01	8/27/2014	9/18/2014
TW4-02	8/27/2014	9/18/2014
TW4-03	8/13/2014	9/15/2014
TW4-03R	8/12/2014	9/15/2014
TW4-04	8/11/2014	9/15/2014
TW4-05	8/14/2014	9/15/2014
TW4-06	8/14/2014	9/15/2014
TW4-06 Resample	9/24/2014	9/30/2014
TW4-06R	9/23/2014	9/30/2014
TW4-07	8/27/2014	9/18/2014
TW4-08	8/27/2014	9/18/2014
TW4-09	8/14/2014	9/15/2014
TW4-10	8/27/2014	9/18/2014
TW4-11	8/27/2014	9/18/2014
TW4-12	8/13/2014	9/15/2014
TW4-13	8/13/2014	9/15/2014
TW4-14	8/13/2014	9/15/2014
MW-26	8/11/2014	9/15/2014
TW4-16	8/14/2014	9/15/2014
TW4-16 Resample	9/24/2014	9/30/2014
MW-32	8/26/2014	9/18/2014
TW4-18	8/14/2014	9/15/2014
TW4-19	8/11/2014	9/15/2014
TW4-20	8/11/2014	9/15/2014
TW4-21	8/27/2014	9/18/2014
TW4-22	8/11/2014	9/15/2014
TW4-23	8/13/2014	9/15/2014
TW4-24	8/11/2014	9/15/2014
TW4-25	8/11/2014	9/15/2014
TW4-26	8/14/2014	9/15/2014
TW4-27	8/13/2014	9/15/2014
TW4-28	8/13/2014	9/15/2014
TW4-29	8/27/2014	9/18/2014
TW4-30	8/13/2014	9/15/2014
TW4-31	8/13/2014	9/15/2014
TW4-32	8/13/2014	9/15/2014
TW4-33	8/27/2014	9/18/2014
TW4-33R	8/25/2014	9/18/2014
TW4-34	8/13/2014	9/15/2014
TW4-35	8/27/2014	9/18/2014
TW4-36	8/27/2014	9/18/2014
TW4-60	8/27/2014	9/18/2014
TW4-65	8/13/2014	9/15/2014
TW4-70	8/27/2014	9/18/2014
TW4-75	9/24/2014	9/30/2014

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	0.8	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
Q3 2014	0.9	0.4	3.6	1.8	0.8	2.5	0.1	0.0	10.2
Well Totals	82.1	28.7	327.4	245.4	17.7	16.5	0.60	0.0	**718.4**

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

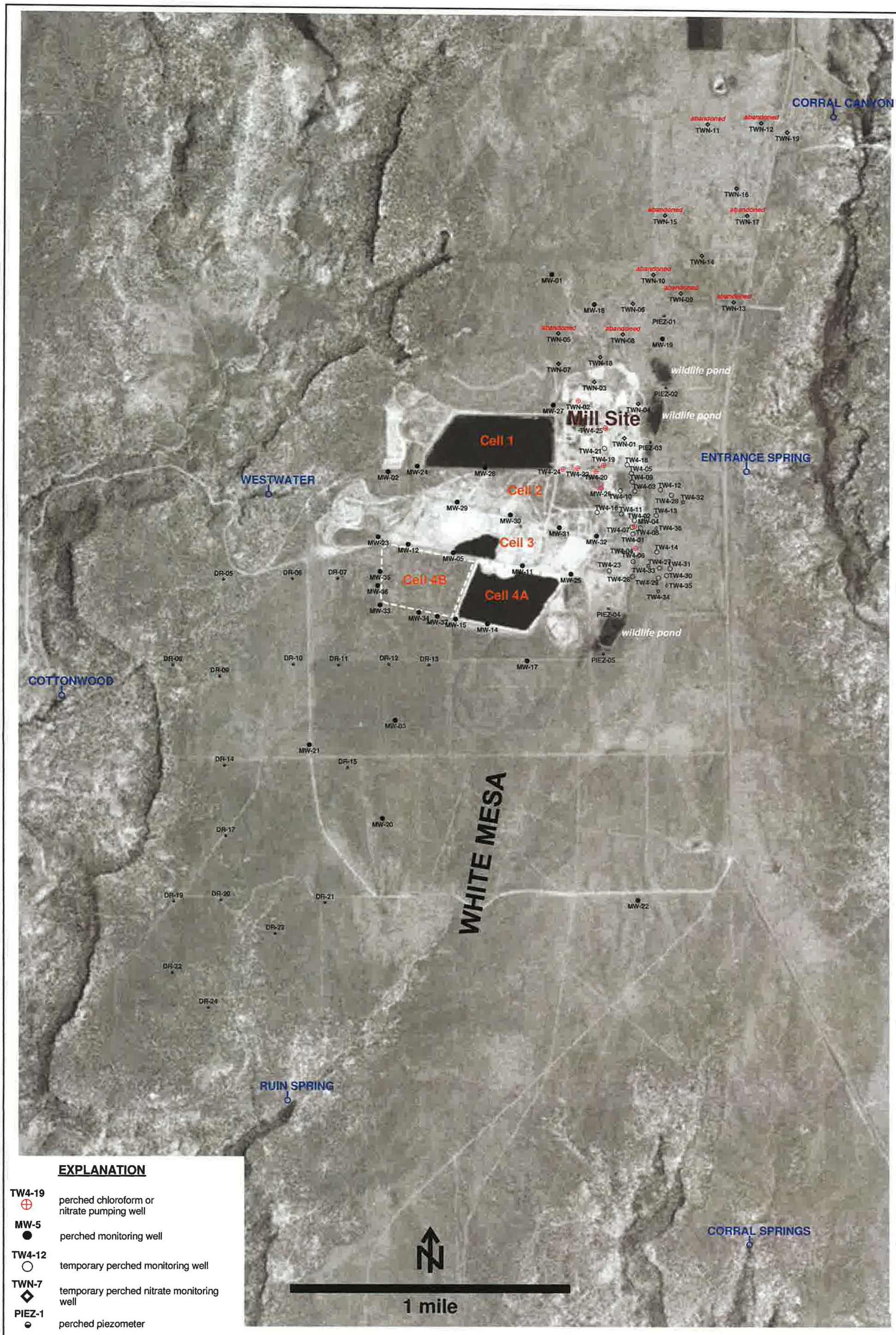
Table 3 Well Pumping Rates and Volumes

Pumping Well Name	Volume of Water Pumped During the Quarter (gals)	Average Pump Rate (gpm)
MW-4	74,788.2	4.39
MW-26	24,062.4	10.08
TW4-4	69,229.4	8.12
TW4-19	309,742.0	13.04
TW4-20	17,237.9	8.75
TW4-22	24,610.9	17.91
TW4-24	213,652.5	17.75
TW4-25	119,663.9	17.66
TWN-2	46,927.2	18.44

INDEX OF TABS

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 3rd Quarter 2014 Chloroform Purging Event

Well	Sample time	Chloroform Levels	Rinsate date/time	Water level	Well Depth	
TW4-03	8/13/14 0847	ND			141	TW4-03R_08122014 0641
TW4-12	8/13/14 0857	ND			101.5	
TW4-28	8/13/14 0905	ND			107	
TW4-32	8/13/14 0914	ND			115.1	
TW4-13	8/13/14 0921	ND			102.5	
TW4-14	8/13/14 0930	ND			93	
TW4-27	8/13/14 0937	ND			96	
TW4-30	8/13/14 0944	ND			92.5	
TW4-31	8/13/14 0955	ND			106	
TW4-34	8/13/14 1005	ND			97.2	
TW4-23	8/13/14 1015	ND			114	
TW4-09	8/14/14 0755	ND			120	
MW-32	8/26/14 1240	ND			132.5	Bladder pump
TW4-25	8/11/14 1228	ND			134.8	Cont. Pumping
TW4-26	8/14/14 0806	4.23			86	
TW4-06	8/14/14 0814	10.3			97.5	
TW4-05	8/14/14 0823	13.4			120	
TW4-16	8/14/14 0832	14.6			142	
TW4-18	8/14/14 0844	34.8			137.5	
TW4-24	8/11/14 1247	62.7			112.5	Cont. Pumping
TW4-33	8/27/14 0736	121			87.9	TW4-33 R_08252014 1434
TW4-08	8/27/14 0745	122			125	
TW4-21	8/27/14 0801	240			121	
TW4-29	8/27/14 0815	262			93.5	
TW4-11	8/27/14 0824	751			100	
TW4-19	8/11/14 1400	810			125	Cont. Pumping
TW4-07	8/27/14 0830	847			120	
TW4-01	8/27/14 0837	1020			110	
TW4-10	8/27/14 0844	1110			111	
TW4-04	8/11/14 1332	1220			112	Cont. Pumping
MW-04	8/11/14 1324	1390			124	Cont. Pumping
MW-26	8/11/14 1315	1960			122.5	Cont. Pumping
TW4-02	8/27/14 0853	2930			120	
TW4-22	8/11/14 1256	12400			113.5	Cont. Pumping
TW4-20	8/11/14 1306	22100			106	Cont. Pumping
TW4-35	8/27/14 0901				87.5	
TW4-36	8/27/14 0910				99	
TW4-60	D.I. Blank		8/27/14 0645			
TW4-65	Duplicate		8/13 0905 TW4-28			
TW4-70	Duplicate		8/27/14 TW4-08 0745			

Comments:

Name: _____ Date: _____

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): MW-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-04_08112014

Date and Time for Purging: 8/11/2014 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): Continuous

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: 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: 72.29

Casing Volume (V) 4" Well: 0 (.653h)
3" Well: 0. (.367h)
18.97

Weather Cond.: Sunny

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

Time	1324	Gal. Purged	0
Conductance	1934	pH	7.07
Temp. °C	15.90		
Redox Potential Eh (mV)	197		
Turbidity (NTU)	0		

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

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

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

Volume of Water Purged: 0 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 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: Chemtech-Ford

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: 74.89 Sample Time: 1324

See instruction

Comment

Arrived on site at 1319 Tanner and Garrin present ∫ to collect samples
Samples collected at 1324. water was clear
Left site at 1326

Continuous Pumping well

MW-04 08-11-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-01

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-01_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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

Well Pump (if other than Bennet): Grundfas

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-07

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging: 67.11

Casing Volume (V) 4" Well: 28.00 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1152	Gal. Purged	33		
Conductance	2140	pH	6.81		
Temp. °C	14.97				
Redox Potential Eh (mV)	295				
Turbidity (NTU)	86				

Time	1153	Gal. Purged	44		
Conductance	2139	pH	6.82		
Temp. °C	14.97				
Redox Potential Eh (mV)	295				
Turbidity (NTU)	88				

Time	1154	Gal. Purged	55		
Conductance	2129	pH	6.81		
Temp. °C	14.98				
Redox Potential Eh (mV)	295				
Turbidity (NTU)	88				

Time	1155	Gal. Purged	66		
Conductance	2133	pH	6.80		
Temp. °C	15.00				
Redox Potential Eh (mV)	294				
Turbidity (NTU)	89				

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 = 5.09

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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

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

Final Depth: 106.13 Sample Time: 0837

See instruction

Comment

Arrived on site at 1146 Tanner and Garrin present for purge. Purge began at 1149 Purged well for a total of 6 Minutes. Purge ended at 1155. water was Murky Left site at 1158
Arrived on site at 0834 Tanner and Garrin present to collect samples. Depth to water was 67.30 samples bailed at 0837 Left site at 0838

TW4-01 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-02

Sampler Name and initials: Tanner Holliday TH

Field Sample ID: TW4-02_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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

Well Pump (if other than Bennet): Grundfos

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-10

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 120.00

Depth to Water Before Purging: 67.40

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

Weather Cond.: Partly Cloudy

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

Time	1300	Gal. Purged	58.66
Conductance	3844	pH	7.13
Temp. °C	15.30		
Redox Potential Eh (mV)	263		
Turbidity (NTU)	52		

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

Time	0853	Gal. Purged	0
Conductance	3500	pH	6.42
Temp. °C	14.55		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0854	Gal. Purged	0
Conductance	3526	pH	6.43
Temp. °C	14.57		
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 = 6.24

Number of casing volumes evacuated (if other than two): 1.70

If well evacuated to dryness, number of gallons evacuated: 58.66

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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: 117.53 Sample Time: 0853

See instruction

Comment

Arrived on site at 1253 Tanner and Garrin present for purge. Purge began at 1255 Purged well for a total of 5 minutes and 20 seconds. Purged well dry water was a little murky. Purge ended at 1300. Left site at 1302
Arrived on site at 0849 Tanner and Garrin present to collect samples. Depth to water was 67.65 samples bailed at 0853 Left site at 0855

TW4-02 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-03

Sampler Name and initials: Tanner Holliday TH

Field Sample ID: TW4-03_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: 54.30

Casing Volume (V) 4" Well: 56.61 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	0708	Gal. Purged	82.50		
Conductance	1617	pH	7.06		
Temp. °C	14.80				
Redox Potential Eh (mV)	320				
Turbidity (NTU)	4.7				

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

Time	0847	Gal. Purged	0		
Conductance	1682	pH	7.34		
Temp. °C	15.95				
Redox Potential Eh (mV)	292				
Turbidity (NTU)	4.4				

Before

Time	0848	Gal. Purged	0		
Conductance	1684	pH	7.30		
Temp. °C	15.93				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged: 82.50 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 10.29

Number of casing volumes evacuated (if other than two): 1.45

If well evacuated to dryness, number of gallons evacuated: 82.50

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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: 138.24 Sample Time: 0847

See instruction

Comment

Arrived on site at 0656 Tanner and Garrin present for purge. Purge began at 0701 Purged well for a total of 7 minutes and 30 seconds. Purged well dry! water was clear. Purge ended at 0708. Left site at 0711 Arrived on site at 0843 Tanner and Garrin present to collect samples. Depth to water was 54.55 Samples bailed at 0847 Left site at 0849. Raining at time of sampling.

TW4-03 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-03R

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: TW4-03R_08122014

Date and Time for Purging: 8/12/2014 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: TW4-19

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 (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.: Partly Cloudy

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

Time	0640	Gal. Purged	132
Conductance	1.5	pH	8.80
Temp. °C	27.51		
Redox Potential Eh (mV)	207		
Turbidity (NTU)	0		

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

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

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

Volume of Water Purged: 150 gallon(s)

Pumping Rate Calculation

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

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

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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: 0641

See instruction

Comment

Arrived on site at 0625. Tanner and Garrin present to perform Rinsate. Rinsate began at 0628. Pumped 50 Gallons of soap water and 100 Gallons D.I. water. Samples collected at 0641. Left site at 0644

Rinsate

TW4-03R 08-12-2014 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: 3rd Quarter Chloroform 2014

Location (well name): TW4-04

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-04_08112014

Date and Time for Purging: 8/11/2014 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): Continuous

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: MW-04

pH Buffer 7.0: 70

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 112.00

Depth to Water Before Purging: 69.52

Casing Volume (V) 4" Well: 27.73 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1332	Gal. Purged	0
Conductance	2250	pH	6.92
Temp. °C	16.70		
Redox Potential Eh (mV)	214		
Turbidity (NTU)	1.5		

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

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

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

Volume of Water Purged: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 8.40

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.60

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: Chemtech-Ford

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: 74.26 Sample Time: 1332

See instruction

Comment:

Arrived on site at 1327 Tanner and Garrin present to collect samples
Samples collected at 1332. water was clear
Left site at 1335

Continuous Pumping Well

Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-05

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-05_08142014

Date and Time for Purging: 8/13/2014 and Sampling (if different): 8/14/2014

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): 120.00

Depth to Water Before Purging: 63.15

Casing Volume (V) 4" Well: 37.12 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast with Rain

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

Time	1316	Gal. Purged	55
Conductance	1492	pH	6.88
Temp. °C	15.50		
Redox Potential Eh (mV)	304		
Turbidity (NTU)	88		

Time	1317	Gal. Purged	66
Conductance	1492	pH	6.88
Temp. °C	15.51		
Redox Potential Eh (mV)	304		
Turbidity (NTU)	87		

Time	1318	Gal. Purged	77
Conductance	1480	pH	6.88
Temp. °C	15.51		
Redox Potential Eh (mV)	303		
Turbidity (NTU)	87		

Time	1319	Gal. Purged	88
Conductance	1488	pH	6.88
Temp. °C	15.51		
Redox Potential Eh (mV)	302		
Turbidity (NTU)	86		

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 = 6.74

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: Chemtech-Ford

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: 64.45 Sample Time: 0823

See instruction

Comment

Arrived on site at 1309 Tanner and Garrin present for purge. Purge began at 1311 Purged well for a total of 8 minutes. water was a milky white color. Purge ended at 1319. Left site at 1320

Arrived on site at 0820 Tanner and Garrin present to collect samples Depth to water was 63.30 samples bailed at 0823 Left site at 0825

TW4-05 08-13-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-06

Sampler Name and initials: Tanner Holliday/AH

Field Sample ID: TW4-06_08142014

Date and Time for Purging: 8/13/2014 and Sampling (if different): 8/14/2014

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): 97.5J

Depth to Water Before Purging: 69.89

Casing Volume (V) 4" Well: 18.02 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast with Rain

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

Time	1249	Gal. Purged	25.66		
Conductance	3899	pH	6.74		
Temp. °C	15.48				
Redox Potential Eh (mV)	341				
Turbidity (NTU)	247				

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

Time	0814	Gal. Purged	0		
Conductance	3546	pH	6.86		
Temp. °C	15.57				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0815	Gal. Purged	0		
Conductance	3541	pH	6.89		
Temp. °C	15.61				
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 = 3.27

Number of casing volumes evacuated (if other than two): 1.92

If well evacuated to dryness, number of gallons evacuated: 25.66

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech - Ford

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: 95.01

Sample Time: 0814

See instruction

Comment

Arrived on site at 1244 Tanner and Garrin present for purge. Purge began at 1247 Purged well for a total of 2 minutes and 20 seconds. water was murky. Purged well dry! Purge ended at 1249. Left site at 1250

Arrived on site at 0810 Tanner and Garrin present to collect samples. Depth to water was 70.05 samples bailed at 0814 Left site at 0816

TW4-06 08-13-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014 Resample

Location (well name): TW4-06

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-06_09242014

Date and Time for Purging: 9/23/2014 and Sampling (if different): 9/24/2014

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: N/A

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: 70.00

Casing Volume (V) 4" Well: 17.95 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	0759	Gal. Purged	27.50		
Conductance	3719	pH	6.59		
Temp. °C	15.06				
Redox Potential Eh (mV)	285				
Turbidity (NTU)	10.8				

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

Time	0745	Gal. Purged	0		
Conductance	3203	pH	6.45		
Temp. °C	15.62				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0747	Gal. Purged	0		
Conductance	3215	pH	6.48		
Temp. °C	15.59				
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 = 3.26

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: Chemtech - Ford

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: 95.02 Sample Time: 0745

See instruction

Comment

Arrived on site at 0743 Tanner and Garrin present for purge. Purge began at 0757 Purged well for a total of 2 minutes and 30 seconds. Purged well dry! water was mostly clear. Purge ended at 0759. Left site at 0803
Arrived on site at 0742. Tanner and Garrin present to collect samples. Depth to water was 70.18. Samples bailed at 0745. Left site at 0749

TW4-06 09-23-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-06R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-06R_09232014

Date and Time for Purging: 9/23/2014 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☐ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: N/A

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 0

Depth to Water Before Purging: 0

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

Weather Cond.: Clear

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

Time	0659	Gal. Purged	132
Conductance	0.3	pH	7.64
Temp. °C	20.01		
Redox Potential Eh (mV)	223		
Turbidity (NTU)	0.3		

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

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

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

Volume of Water Purged: 150 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = ~~450~~ 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: Chemtech-Ford

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: 0700

See instruction

Comment

Arrived on site at 0643. Tanner and Garrin present for Rinsate
Rinsate began at 0647. Pumped 50 Gallons of soap water and 100 Gallons of DI water. Rinsate ended at 0700. Left site at 0710

TW4-06R 09-23-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-07

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-07_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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: 67.75

Casing Volume (V) 4" Well: 34.11 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly cloudy

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

Time	1045	Gal. Purged	6.6		
Conductance	1560	pH	7.45		
Temp. °C	15.00				
Redox Potential Eh (mV)	185				
Turbidity (NTU)	20				

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

Time	0830	Gal. Purged	0		
Conductance	1626	pH	6.77		
Temp. °C	14.51				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0831	Gal. Purged	0		
Conductance	1628	pH	6.76		
Temp. °C	14.54				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged: 66 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.20

Number of casing volumes evacuated (if other than two): 1.93

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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: 117.25 Sample Time: 0830

See instruction

Comment

Arrived on site at 1037 Tanner and Garrin present for purge. Purge began at 1039 Purged well for a total of 6 minutes. Purged well dry! water was mostly clear. Purge ended at 1045. Left site at 1047
Arrived on site at 0827 Tanner and Garrin present to collect samples. Depth to water was 68.80 samples bailed at 0830 Left site at 0832

TW4-07 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-08

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-08_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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: TW4-33

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: 66.30

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

Weather Cond.: Partly Cloudy

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

Time	0730	Gal. Purged	55		
Conductance	3914	pH	7.29		
Temp. °C	14.96				
Redox Potential Eh (mV)	186				
Turbidity (NTU)	12				

Time	0731	Gal. Purged	66		
Conductance	3891	pH	7.30		
Temp. °C	14.96				
Redox Potential Eh (mV)	168				
Turbidity (NTU)	11.6				

Time	0732	Gal. Purged	77		
Conductance	3866	pH	7.36		
Temp. °C	14.97				
Redox Potential Eh (mV)	165				
Turbidity (NTU)	11.5				

Time	0733	Gal. Purged	88		
Conductance	3837	pH	7.33		
Temp. °C	14.98				
Redox Potential Eh (mV)	160				
Turbidity (NTU)	11.6				

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

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

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

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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: 74.90

Sample Time: 07
0745

See instruction

Comment

Arrived on site at 0723 Tanner and Garrin present for purge. Purge began at 0725 Purged well for a total of 8 minutes. Purge ended at 0733. water was mostly clear Left site at 0735

Arrived on site at 0742 Tanner and Garrin present to collect samples. Depth to water was 66.92 samples bailed at 0745 Left site at 0748

TW4-08 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-09

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-09_08142014

Date and Time for Purging: 8/13/2014 and Sampling (if different): 8/14/2014

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: TW4-23

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: 60.96

Casing Volume (V) 4" Well: 38.55 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast with Rain

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

Time	1152	Gal. Purged	66
Conductance	2377	pH	6.81
Temp. °C	15.17		
Redox Potential Eh (mV)	274		
Turbidity (NTU)	41		

Time	1153	Gal. Purged	77
Conductance	2379	pH	6.82
Temp. °C	15.18		
Redox Potential Eh (mV)	~~473~~ 273		
Turbidity (NTU)	43		

Time	1154	Gal. Purged	88
Conductance	2382	pH	6.82
Temp. °C	15.16		
Redox Potential Eh (mV)	272		
Turbidity (NTU)	44		

Time	1155	Gal. Purged	99
Conductance	2389	pH	6.82
Temp. °C	15.16		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	45		

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 = [7.00]

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 [Chemtech-Ford]

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 [77.98] Sample Time [0755]

See instruction

Comment

Arrived on site at 1143. Tanner and Garrin present for for purge. Purge began at 1146
Purged well for a total of 9 minutes. water was clear
Purge ended ~~and samples collected at~~ at 1155 Left site at 1157
Arrived on site at 0752 Tanner and Garrin present to collect samples. Depth to water was 61.00 samples bailed at 0755 Left site at 0757

[TW4-09 08-13-2014] Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-10

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-10_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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

Well Pump (if other than Bennet): Grundfos

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-01

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 111.00

Depth to Water Before Purging: 60.80

Casing Volume (V) 4" Well: 32.78 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1220	Gal. Purged	49.50
Conductance	2520	pH	6.65
Temp. °C	15.37		
Redox Potential Eh (mV)	315		
Turbidity (NTU)	30		

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

Time	0844	Gal. Purged	0
Conductance	2429	pH	6.22
Temp. °C	14.50		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0845	Gal. Purged	0
Conductance	2428	pH	6.24
Temp. °C	14.53		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 49.50 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.96

Number of casing volumes evacuated (if other than two): 1.51

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech - Ford

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

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

Final Depth: 108.87 Sample Time: 0844

See instruction

Comment

Arrived on site at 1213 Tanner and Garrin present for purge. Purge began at 1215 Purged well for a total of 4 minutes and 30 seconds. Purged well dry! water was mostly clear. Purge ended at 1220. Left site at 1223
Arrived on site at 0841 Tanner and Garrin present to collect samples. Depth to water was 60.90 samples bailed at 0844 Left site at 0845

TW4-10 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-11

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-11_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

Well Purging Equip Used: ☑ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☑ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-29

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 100.00

Depth to Water Before Purging: 59.88

Casing Volume (V) 4" Well: 26.19 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly cloudy

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

Time	1016	Gal. Purged	22
Conductance	1670	pH	7.26
Temp. °C	14.62		
Redox Potential Eh (mV)	285		
Turbidity (NTU)	6.0		

Time	1017	Gal. Purged	33
Conductance	1670	pH	7.25
Temp. °C	14.58		
Redox Potential Eh (mV)	285		
Turbidity (NTU)	6.0		

Time	1018	Gal. Purged	44
Conductance	1662	pH	7.24
Temp. °C	1660		
Redox Potential Eh (mV)	285		
Turbidity (NTU)	6.0		

Time	1019	Gal. Purged	55
Conductance	1654	pH	7.24
Temp. °C	1655		
Redox Potential Eh (mV)	285		
Turbidity (NTU)	6.1		

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 = 4.76

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: Chemtech-Ford

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

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

Final Depth: 96.12 Sample Time: 0824

See instruction

Comment

Arrived on site at 1011 Tanner and Garrin present for purge. Purge began at 1014
Purged well for a total of 5 minutes. water was clear
Purge ended at 1019. Left site at 1021

Arrived on site at 0821 Tanner and Garrin present to collect samples. Depth to water was 60.80 samples bailed at 0824 Left site at 0826

TW4-11 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-12

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-12_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: TW4-03

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: 43.55

Casing Volume (V) 4" Well: 37.84 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	0816	Gal. Purged	55		
Conductance	1234	pH	7.35		
Temp. °C	14.98				
Redox Potential Eh (mV)	290				
Turbidity (NTU)	~~240~~		10.9		

Time	0817	Gal. Purged	66		
Conductance	1242	pH	7.35		
Temp. °C	15.00				
Redox Potential Eh (mV)	287				
Turbidity (NTU)	11.0				

Time	0818	Gal. Purged	77		
Conductance	1240	pH	7.35		
Temp. °C	14.99				
Redox Potential Eh (mV)	286				
Turbidity (NTU)	11.0				

Time	0819	Gal. Purged	88		
Conductance	1241	pH	7.35		
Temp. °C	15.01				
Redox Potential Eh (mV)	284				
Turbidity (NTU)	11.3				

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 = 6.88

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: Chemtech-Ford

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

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

Final Depth: 96.22 Sample Time: 0857

See instruction

Comment

Arrived on site at 0808 Tanner and Garrin present for purge. Purge began at 0811
Purged well for a total of 8 minutes, water was clear
Purge ended at 0819. Left site at 0822
Arrived on site at 0854 Tanner and Garrin present to collect samples. Depth to water was 43.54 samples bailed at 0857 Left site at 0858 Raining at time of sampling.

TW4-12 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-13

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-13_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: TW4-32

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 102.50

Depth to Water Before Purging: 48.80

Casing Volume (V) 4" Well: 35.06 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1017	Gal. Purged	52		
Conductance	1801	pH	7.09		
Temp. °C	15.75				
Redox Potential Eh (mV)	252				
Turbidity (NTU)	9.5				

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

Time	0921	Gal. Purged	0		
Conductance	1810	pH	7.30		
Temp. °C	15.35				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0922	Gal. Purged	0		
Conductance	1804	pH	7.30		
Temp. °C	15.49				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged: 52 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.37

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

If well evacuated to dryness, number of gallons evacuated: 52

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-ford

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: 101.11

Sample Time: 0921

See instruction

Comment

Arrived on site at 1009 Tanner and Garrin present for purge. Purge began at 1012 Purged well for a total of 4 minutes and 45 seconds. Purged well dry! water was clear. Purge ended and s Left site at 1017, Arrived on site at 0917 Tanner and Garrin present to collect samples. Depth to water was 48.75 Samples bailed at 0921 Left site at 0923 Raining at time of sampling

TW4-13 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-14_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: 83.40

Casing Volume (V) 4" Well: 6.26 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1045	Gal. Purged	8.25
Conductance	4585	pH	6.92
Temp. °C	16.74		
Redox Potential Eh (mV)	259		
Turbidity (NTU)	15		

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

Time	0930	Gal. Purged	0
Conductance	4563	pH	7.33
Temp. °C	15.00		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0931	Gal. Purged	0
Conductance	4548	pH	7.29
Temp. °C	15.04		15.04
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 = 1.13

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

If well evacuated to dryness, number of gallons evacuated: 8.25

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech- Ford

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: 91.02 Sample Time: 0930

See instruction

Comment

Arrived on site at 1041 Tanner and Garrin present for purge. Purge began at 1044 Purged well for a total of 45 Seconds Purged well dry. Water was mostly clear. Purge ended at 1045. Left site at 1047
Arrived on site at 0924 Tanner and Garrin present to collect samples. Depth to water was 83.41 samples bailed at 0930 Left site at 0932. Raining at time of sampling

TW4-14 08-12-2014 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: 3rd Quarter Chloroform 2014

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-26_08112014

Date and Time for Purging: 8/11/2014 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): Continuous

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-20

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: 71.64

Casing Volume (V) 4" Well: 33.21 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 30°

Time	1315	Gal. Purged	0
Conductance	3426	pH	6.72
Temp. °C	15.69		
Redox Potential Eh (mV)	196		
Turbidity (NTU)	~~196~~		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 = 9.4 9.4

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

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech- Ford

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: 85.05 Sample Time: 1315

See instruction

Comment

Arrived on site at 1310 Tanner and Garrin present to collect samples
Samples collected at 1315. water was clear
Left site at 1318

Continuous Pumping Well

MW-26 08-11-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-16

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-16_08142014

Date and Time for Purging: 8/13/2014 and Sampling (if different): 8/14/2014

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: TW4-05

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: 65.35 Casing Volume (V) 4" Well: 50.05 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast with Rain Ext'l Amb. Temp. °C (prior sampling event): 26°

Time	1350	Gal. Purged	~~77~~ 88		
Conductance	3905	pH	6.80		
Temp. °C	14.95				
Redox Potential Eh (mV)	247				
Turbidity (NTU)	74				

Time	1351	Gal. Purged	~~88~~ 99		
Conductance	3911	pH	6.80		
Temp. °C	15.00				
Redox Potential Eh (mV)	233				
Turbidity (NTU)	75				

Time	1352	Gal. Purged	~~99~~ 110		
Conductance	3923	pH	6.79		
Temp. °C	14.98				
Redox Potential Eh (mV)	229				
Turbidity (NTU)	75				

Time	1353	Gal. Purged	~~110~~ 121		
Conductance	3914	pH	6.79		
Temp. °C	14.97				
Redox Potential Eh (mV)	225				
Turbidity (NTU)	76				

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 = 9.10

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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

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

Final Depth: 137.84 Sample Time: 0832

See instruction

Comment

Arrived on site at 1340 Tanner and Garrin present for purge. Purge began at 1342 Purged well for a total of 11 minutes. water was murky Purge ended at 1353 Left site at 1355 Arrived on site at 0828. Tanner and Garrin present to collect samples. Depth to water was 65.38 samples bailed at 0832 Left site at 0834

TW4-16 08-13-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014 Resample

Location (well name): TW4-16

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-16_09242014

Date and Time for Purging: 9/23/2014 and Sampling (if different): 9/24/2014

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

Well Pump (if other than Bennet): Grundfos

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-06

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 142.00

Depth to Water Before Purging: 65.70

Casing Volume (V) 4" Well: 49.82 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1452	Gal. Purged	88
Conductance	4043	pH	6.43
Temp. °C	15.15		
Redox Potential Eh (mV)	211		
Turbidity (NTU)	60		

Time	1453	Gal. Purged	99
Conductance	4040	pH	6.38
Temp. °C	15.10		
Redox Potential Eh (mV)	208		
Turbidity (NTU)	59		

Time	1454	Gal. Purged	110
Conductance	3972	pH	6.37
Temp. °C	15.07		
Redox Potential Eh (mV)	200		
Turbidity (NTU)	58		

Time	1455	Gal. Purged	121
Conductance	4036	pH	6.35
Temp. °C	15.07		
Redox Potential Eh (mV)	197		
Turbidity (NTU)	57		

Volume of Water Purged [121] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [9.05]

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 [Cncmtech - Ford]

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 [137.11] Sample Time [0800]

See instruction

Comment

Arrived on site at 1439. Tanner and Garrin present for purge. Purge began at 1444
Purged well for a total of 11 minutes. water was a little murky
Purge ended at 1455 Left site at 1458
Arrived on site at 0753. Tanner and Garrin present to collect samples. Depth to water was 65.82. samples bailed at 0800. Left site at 0802

TW4-16 09-23-2014 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: 3rd Quarter Chloroform 2014

Location (well name): MW-32

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-32_08262014

Date and Time for Purging: 8/26/2014 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-33R

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 132.50

Depth to Water Before Purging: 75.69

Casing Volume (V) 4" Well: 37.09 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1237	Gal. Purged	77.46
Conductance	3811	pH	6.84
Temp. °C	14.82		
Redox Potential Eh (mV)	156		
Turbidity (NTU)	13		

Time	1238	Gal. Purged	77.68
Conductance	3812	pH	6.84
Temp. °C	14.85		
Redox Potential Eh (mV)	155		
Turbidity (NTU)	14		

Time	1239	Gal. Purged	77.90
Conductance	3809	pH	6.84
Temp. °C	14.81		
Redox Potential Eh (mV)	155		
Turbidity (NTU)	14		

Time	1240	Gal. Purged	78.12
Conductance	3808	pH	6.84
Temp. °C	14.85		
Redox Potential Eh (mV)	155		
Turbidity (NTU)	15		

Volume of Water Purged: 78.12 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 341.90 . .217

Time to evacuate two casing volumes (2V)
T = 2V/Q = 341.90

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: Chemtech-Ford

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

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

Final Depth: 81.45

Sample Time: 1240

See instruction

Comment

Arrived on site at 0636. Tanner and Garrin present for purge and sampling event
Purge began at 0640. Purged well for a total of 360 minutes.
Purge ended and samples collected at 1240. water was a little murky
Left site at 1243

MW-32 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-18

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-18_08142014

Date and Time for Purging: 8/13/2014 and Sampling (if different): 8/14/2014

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: 994 µMHOS/ cm

Well Depth(0.01ft): 137.50

Depth to Water Before Purging: 64.18

Casing Volume (V) 4" Well: 47.87 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast

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

Time	1427	Gal. Purged	77		
Conductance	1531	pH	6.44		
Temp. °C	15.65				
Redox Potential Eh (mV)	271				
Turbidity (NTU)	98				

Time	1428	Gal. Purged	88		
Conductance	1515	pH	6.67		
Temp. °C	15.66				
Redox Potential Eh (mV)	271				
Turbidity (NTU)	100				

Time	1429	Gal. Purged	99		
Conductance	1495	pH	6.65		
Temp. °C	15.68				
Redox Potential Eh (mV)	271				
Turbidity (NTU)	101				

Time	1430	Gal. Purged	110		
Conductance	1483	pH	6.65		
Temp. °C	15.67				
Redox Potential Eh (mV)	270				
Turbidity (NTU)	102				

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 = 8.70

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: Chemtech-Ford

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: 64.60 Sample Time: 0844

See instruction

Comment

Arrived on site at 1417 Tanner and Garrin present for purge. Purge began at 1420 Purged well for a total of 10 minutes. water was a milky white color Purge ended at 1430 Left site at 1432
Arrived on site at 0840 Tanner and Garrin present to collect samples. Depth to water was 64.22 samples bailed at 0844 Left site at 0846

TW4-18 08-13-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-19

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-19_08112014

Date and Time for Purging: 8/11/2014 and Sampling (if different): N/A 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: TW4-04

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 125.00

Depth to Water Before Purging: 76.90

Casing Volume (V) 4" Well: 31.40 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1400	Gal. Purged	0
Conductance	2911	pH	7.00
Temp. °C	16.52		
Redox Potential Eh (mV)	206		
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 = 3.48

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: Chemtech-Ford

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: 86.01 Sample Time: 1400

See instruction

Comment

Arrived on site at 1354 Tanner and Garrin present to collect samples.
Samples collected at 1400. Water was clear
Left site at 1403
Continuous Pumping Well

TW4-19 08-11-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-20

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-20_08112014

Date and Time for Purging: 8/11/2014 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): Continuous

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-22

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: 69.55

Casing Volume (V) 4" Well: 23.80 (.653h)

3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 30°

Time	1306	Gal. Purged	0
Conductance	3724	pH	6.24
Temp. °C	16.50		
Redox Potential Eh (mV)	240		
Turbidity (NTU)	0.6		

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 = 8.2

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.80

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: Chemtech-Ford

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: 75.27 Sample Time: 1306

See instruction

Comment

Arrived on site at 1302 Tanner and Garrin present to collect samples
Samples collected at 1306 water was clear
Left site at 1309

Continuous Pumping Well

Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-21

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-21_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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): 121.00

Depth to Water Before Purging: 65.98

Casing Volume (V) 4" Well: 35.92 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	0810	Gal. Purged	55		
Conductance	4053	pH	7.38		
Temp. °C	16.28				
Redox Potential Eh (mV)	309				
Turbidity (NTU)	2.8				

Time	0811	Gal. Purged	66		
Conductance	4064	pH	7.37		
Temp. °C	16.27				
Redox Potential Eh (mV)	309				
Turbidity (NTU)	2.8				

Time	0812	Gal. Purged	77		
Conductance	4064	pH	7.37		
Temp. °C	16.27				
Redox Potential Eh (mV)	310				
Turbidity (NTU)	2.9				

Time	0813	Gal. Purged	88		
Conductance	4067	pH	7.37		
Temp. °C	16.25				
Redox Potential Eh (mV)	310				
Turbidity (NTU)	2.9				

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 6.53

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: Chemtech-Ford

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: 74.11 Sample Time: 0801

See instruction

Comment

Arrived on site at 0802 Tanner and Garrin present for purge. purge began at 0805 Purged well for a total of 8 minutes. water was clear Purge ended at 0813. Left site at 0815

Arrived on site at 0758 Tanner and Garrin present to collect samples. Depth to water was 65.84 samples bailed at 0801 Left site at 0803

TW4-21 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-22

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-22_08112014

Date and Time for Purging: 8/11/2014 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: 60.90

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

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 30°

Time	1256	Gal. Purged	0
Conductance	5907	pH	6.82
Temp. °C	16.56		
Redox Potential Eh (mV)	247		
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 = [17.90]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [3.83]

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 [Chemtech-Ford]

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 [75.13] 105.75

Sample Time [1256]

See instruction

Comment

Arrived on site at 1251 Tanner and Garrin present to collect samples
samples collected at 1256 water was clear
Left site at 1259

Continuous Pumping Well

TW4-22 08-11-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-23

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-23_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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

Well Pump (if other than Bennet): Grundfos

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-34

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 114.00

Depth to Water Before Purging: 66.45

Casing Volume (V) 4" Well: 31.05 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1443	Gal. Purged	55	Time	1444	Gal. Purged	66
Conductance	3619	pH	6.39	Conductance	3619	pH	6.44
Temp. °C	14.73			Temp. °C	14.71		
Redox Potential Eh (mV)	175			Redox Potential Eh (mV)	168		
Turbidity (NTU)	19.4			Turbidity (NTU)	19.2		
Time	1445	Gal. Purged	77	Time	1446	Gal. Purged	88
Conductance	3617	pH	6.49	Conductance	3615	pH	6.52
Temp. °C	14.70			Temp. °C	14.69		
Redox Potential Eh (mV)	166			Redox Potential Eh (mV)	163		
Turbidity (NTU)	18.90			Turbidity (NTU)	18.80		

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.64

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: Chemtech-Ford

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: 87.93 Sample Time: 1015

See instruction

Comment

Arrived on site at 1435 Tanner and Garrin present for purge. Purge began at 1438 Purged well for a total of 8 minutes. water had an orange coloration but slowly cleared throughout Purge. Purged we ended at 1446. Left site at 1449
Arrived on site at 1010 Tanner and Garrin present to collect samples. Depth to water was 66.51 samples bailed at 1015 Left site at 1016. Raining at time of sampling.

TW4-23 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-24

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-24_08112014

Date and Time for Purging: 8/11/2014 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: TW-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: 69.50

Casing Volume (V) 4" Well: 28.07 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1247	Gal. Purged	0
Conductance	8727	pH	6.80
Temp. °C	15.99		
Redox Potential Eh (mV)	279		
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 = 3.11

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: Chemtech-Ford

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: 73.48

Sample Time: 1247

See instruction

Comment

Arrived on site at 1241 Tanner and Garrin present to collect samples.
Samples collected at 1247. water was clear
Left site at 1249

Continuous Pumping Well

TW4-24 08-11-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-25_08112014

Date and Time for Purging: 8/11/2014 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): Continuous

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: N/A

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: 82.70

Casing Volume (V) 4" Well: 34.02 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1227	Gal. Purged	0
Conductance	2544	pH	6.83
Temp. °C	16.60		
Redox Potential Eh (mV)	282		
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 = [17.0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [4.00]

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 [Chemtech-Ford]

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

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

Final Depth [109.11] Sample Time [1228]

See instruction

Comment

Arrived on site at 1223 Tanner and Garrin present to collect samples.
Samples collected at 1228. water was clear
Left site at 1231

Continuous Pumping Well

[ ] Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-26_08142014

Date and Time for Purging: 8/13/2014 and Sampling (if different): 8/14/2014

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

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 86.00

Depth to Water Before Purging: 64.15

Casing Volume (V) 4" Well: 14.26 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast with Rain

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

Time	1220	Gal. Purged	16.50
Conductance	6450	pH	4.39
Temp. °C	15.55		
Redox Potential Eh (mV)	511		
Turbidity (NTU)	21		

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

Time	0806	Gal. Purged	0
Conductance	6282	pH	4.92
Temp. °C	15.90		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0807	Gal. Purged	5
Conductance	6248	pH	4.90
Temp. °C	15.99		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged [16.50] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [2.59]

Number of casing volumes evacuated (if other than two) [1.15]

If well evacuated to dryness, number of gallons evacuated [16.50]

Name of Certified Analytical Laboratory if Other Than Energy Labs [Chemtech-Ford]

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 [83.95] Sample Time [0806]

See instruction

Comment

Arrived on site at 1217 Tanner and Garrin present for purge. Purge began at 1219
Purged well for a total of 1 minute 30 seconds. water was mostly clear.
Purged well dry! Purge ended at 1220. Left site at 1223
Arrived on site at 0802 Tanner and Garrin present to collect samples. Depth to water was 64.22 samples bailed at 0806 Left site at 0808

[TW4-26 08-13-2014] 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: 3rd Quarter Chloroform 2014

Location (well name): TW4-27

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-27_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: 80.60

Casing Volume (V) 4" Well: 10.05 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1159	Gal. Purged	11		
Conductance	5274	pH	6.63		
Temp. °C	16.78				
Redox Potential Eh (mV)	281				
Turbidity (NTU)	32.5				

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

Time	0937	Gal. Purged	0		
Conductance	3014	pH	6.97		
Temp. °C	15.72				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	0938	Gal. Purged	0		
Conductance	3031	pH	6.95		
Temp. °C	15.17				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged [11] gallon(s)

Pumping Rate Calculation

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

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

Number of casing volumes evacuated (if other than two) [1.09]

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

Name of Certified Analytical Laboratory if Other Than Energy Labs [Chemtech-Ford]

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 [94.26] Sample Time [0937]

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. Purge ended at 1159. water was murky. Purged well dry! Left site at 1201
Arrived on site at 0933 Tanner and Garrin present to collect samples. Depth to water was 80.90 samples bailed at 0937 Left site at 0939. Raining at time of sampling

TW4-27 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-28

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-28_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: 38.09

Casing Volume (V) 4" Well: 44.99 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	0853	Gal. Purged	66		
Conductance	1180	pH	7.39		
Temp. °C	14.95				
Redox Potential Eh (mV)	266				
Turbidity (NTU)	17.1				

Time	0854	Gal. Purged	77		
Conductance	1180	pH	7.38		
Temp. °C	14.96				
Redox Potential Eh (mV)	264				
Turbidity (NTU)	17.5				

Time	0855	Gal. Purged	88		
Conductance	1181	pH	7.38		
Temp. °C	14.97				
Redox Potential Eh (mV)	263				
Turbidity (NTU)	17.7				

Time	0856	Gal. Purged	99		
Conductance	1182	pH	7.37		
Temp. °C	14.99				
Redox Potential Eh (mV)	262				
Turbidity (NTU)	18.0				

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 = [8.18]

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs [Chemtech - Ford]

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 [102.58] Sample Time [0905]

See instruction

Comment

Arrived on site at 0843 Tanner and Garrin present for purge. Purge began at 0847
Purged well for a total of 9 minutes. water was clear
Purge ended at 0856. Left site at 0858
Arrived on site at 0901 Tanner and Garrin present to collect samples. Depth to water was 38.06 Samples bailed at 0905 Left site at 0907 Raining at time of sampling

[TW4-28 08-12-2014] Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-29

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-29_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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: 72.42

Casing Volume (V) 4" Well: 13.76 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	0952	Gal. Purged	18.33
Conductance	4220	pH	7.28
Temp. °C	15.92		
Redox Potential Eh (mV)	294		
Turbidity (NTU)	25		

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

Time	0815	Gal. Purged	0
Conductance	4173	pH	44.93 6.54
Temp. °C	14.93		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0816	Gal. Purged	6
Conductance	4167	pH	6.53
Temp. °C	14.96		
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 = 2.50

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

If well evacuated to dryness, number of gallons evacuated: 18.33

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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

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

Final Depth: 90.76 Sample Time: 0815

See instruction

Comment

Arrived on site at 0947 Tanner and Garrin present for purge. Purge began at 0950 Purged well for a total of 1 minute 40 seconds. Purged well dry! water was mostly clear. Purge ended at 0952. Left site at 0954.

Arrived on site at 0812 Tanner and Garrin Present to collect samples. Depth to water was 72.55 samples bailed at 0815 Left site at 0817

TW4-29 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-30_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: TW4-27

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: 76.95 Casing Volume (V) 4" Well: 10.15 (.653h) 3" Well: 0 (.367h)

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

Time	1250	Gal. Purged	13.75		
Conductance	4280	pH	5.45		
Temp. °C	16.44				
Redox Potential Eh (mV)	351				
Turbidity (NTU)	29				

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

Time	0944	Gal. Purged	0		
Conductance	4378	pH	5.77		
Temp. °C	15.47				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Time	0945	Gal. Purged	0		
Conductance	4365	pH	5.72		
Temp. °C	15.57				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

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 = 1.84

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

If well evacuated to dryness, number of gallons evacuated: 13.75

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech- Ford

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

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

Final Depth: 90.08 Sample Time: 0944

See instruction

Comment

Arrived on site at 1245 Tanner and Garrin present for purge. Purge began at 1249 Purged well for a total of 1 minute and 15 seconds. Purged well dry! water was a little murky. Purge ended at 1250. Left site at 1252
Arrived on site at 0940 Tanner and Garrin present to collect samples Depth to water was 76.98 Samples bailed at 0944 Left site at 0946 Raining at time of sampling.

TW4-30 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-31

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-31_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: TW4-30

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: 82.10

Casing Volume (V) 4" Well: 15.60 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1317	Gal. Purged	19.25
Conductance	4786	pH	7.04
Temp. °C	16.18		
Redox Potential Eh (mV)	296		
Turbidity (NTU)	64		

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

Time	0955	Gal. Purged	0
Conductance	4831	pH	6.88
Temp. °C	15.31		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0956	Gal. Purged	0
Conductance	4817	pH	6.92
Temp. °C	15.27		
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 = 2.83

Number of casing volumes evacuated (if other than two): 1.23

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech - Ford

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: 103.85 Sample Time: 0955

See instruction

Comment

Arrived on site at 1312 Tanner and Garrin present for purge. Purge began at 1315 Purged well for a total of 1 minute 45 seconds. Purged well dry! water was murky. Purge ended at 1317. Left site at 1319
Arrived on site at 0951 Tanner and Garrin present to collect samples. Depth to water was 82.17 Samples bailed at 0955. Left site at 0957 Raining at time of sampling.

TW4-31 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-32

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-32_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: 49.85

Casing Volume (V) 4" Well: 42.60 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	0938	Gal. Purged	55		
Conductance	7330	pH	4.02		
Temp. °C	14.92				
Redox Potential Eh (mV)	439				
Turbidity (NTU)	~~439~~		7.7		

Time	0939	Gal. Purged	66		
Conductance	7426	pH	4.01		
Temp. °C	14.88				
Redox Potential Eh (mV)	435				
Turbidity (NTU)	8.0				

Time	0940	Gal. Purged	77		
Conductance	7460	pH	3.98		
Temp. °C	14.87				
Redox Potential Eh (mV)	436				
Turbidity (NTU)	7.9				

Time	0941	Gal. Purged	88		
Conductance	7470	pH	3.97		
Temp. °C	14.87				
Redox Potential Eh (mV)	436				
Turbidity (NTU)	7.9				

Volume of Water Purged: 88 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.74

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: Chemtech-Ford

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: 76.60 Sample Time: 0904

See instruction

Comment

Arrived on site at 0930 Tanner and Garrin present for purge. Purge began at 0933
Purged well for a total of 8 minutes. water was clear
Purge ended at 0941 Left site at 0943
Arrived on site at 0909 Tanner and Garrin present to collect samples. Depth to Water was 49.70 samples bailed at ~~0904~~ 0914 Left site at ~~0906~~ 0916 Raining at time of sampling

TW4-32 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-33

Sampler Name and initials: Tanner Holliday/TJH

Field Sample ID: TW4-33_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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: TW4-33R

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: 70.89

Casing Volume (V) 4" Well: 11.10 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	0701	Gal. Purged	11
Conductance	4536	pH	7.28
Temp. °C	15.20		
Redox Potential Eh (mV)	320		
Turbidity (NTU)	50		

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

Time	0736	Gal. Purged	0
Conductance	4344	pH	6.89
Temp. °C	15.88		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0737	Gal. Purged	0
Conductance	4335	pH	6.87
Temp. °C	15.85		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged [11.0] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [2.01]

Number of casing volumes evacuated (if other than two) [1.00]

If well evacuated to dryness, number of gallons evacuated [11.0]

Name of Certified Analytical Laboratory if Other Than Energy Labs [Chemtech - Ford]

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 [85.03] Sample Time [0736]

See instruction

Comment

Arrived on site at 0655. Tanner and Garrin present for purge.
Purge began at 0700. Purged well for 1 minute. Purged well dry! water was a little Milky white. Purge ended at 0701. Left site at 0703.
Arrived on site at 0732 Tanner and Garrin present to collect samples. Depth to water was 71.00 samples bailed at 0736 Left site at 0738

[TW4-33 08-26-2014] Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-33R

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-33R_08252014

Date and Time for Purging: 8/25/2014 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): Grundfos

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-24

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.: Partly Cloudy

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

Time	1433	Gal. Purged	143
Conductance	7.6	pH	7.48
Temp. °C	22.90		
Redox Potential Eh (mV)	256		
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: Chemtech - Ford

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: 1434

See instruction

Comment

Arrived on site at 1415. Tanner and Garrin present for Rinsate. Rinsate ~~at 1420~~ began at 1420. Pumped 50 Gallons of soap water. 100 Gallons of DI water. sample collected at 1434

Rinsate

Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-34

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-34_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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: 199 µMHOS/ cm

Well Depth(0.01ft): 97.20

Depth to Water Before Purging: 70.25

Casing Volume (V) 4" Well: 17.59 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 30°

Time	1359	Gal. Purged	27.50
Conductance	3857	pH	7.00
Temp. °C	15.90		
Redox Potential Eh (mV)	230		
Turbidity (NTU)	118		

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

Time	1005	Gal. Purged	0
Conductance	3887	pH	7.21
Temp. °C	15.64		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	1006	Gal. Purged	0
Conductance	3884	pH	7.20
Temp. °C	15.68		
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 = [3.19]

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

If well evacuated to dryness, number of gallons evacuated [27.50]

Name of Certified Analytical Laboratory if Other Than Energy Labs [Chemtech- Ford]

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 [95.08] Sample Time [1005]

See instruction

Comment

Arrived on site at 1353 Tanner and Garrin present for purge. Purge began at 1356 Purged well for a total of 2 minutes and 30 seconds, water was murky. Purged well dry Purge ended at 1359, Left site at 1401
Arrived on site at 1001 Tanner and Garrin present to collect samples. Depth to water was 70.29 Samples bailed at 1005 Left site at 1007 Raining at time of sampling.

[TW4-34 08-12-2014] Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-35

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-35_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-02

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 87.50

Depth to Water Before Purging: 74.34

Casing Volume (V) 4" Well: 8.59 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1326	Gal. Purged	10
Conductance	4427	pH	6.78
Temp. °C	16.99		
Redox Potential Eh (mV)	196		
Turbidity (NTU)	16.7		

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

Time	0901	Gal. Purged	0
Conductance	4315	pH	6.50
Temp. °C	14.74		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0902	Gal. Purged	0
Conductance	4318	pH	6.51
Temp. °C	14.72		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 10 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 1.56

Number of casing volumes evacuated (if other than two): 1.16

If well evacuated to dryness, number of gallons evacuated: 10

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech- Ford

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

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

Final Depth: 84.42 Sample Time: 0901

See instruction

Comment

Arrived on site at 1323 Tanner and Garrin present for purge. Purge began at 1325 Purged well for a total of 55 Second. Purged well dry. water was mostly Clear. Purge ended at 1326. Left site at 1328

Arrived on site at 0858. Tanner and Garrin present to collect samples. Depth to water was 74.45 samples bailed at 0901 Left site at 0903

TW4-35 08-26-2014 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: 3rd Quarter Chloroform 2014

Location (well name): TW4-36

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-36_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

Well Purging Equip Used: [Y] 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: TW4-35

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 99.00

Depth to Water Before Purging: 57.68

Casing Volume (V) 4" Well: 26.98 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1357	Gal. Purged	33
Conductance	2433	pH	7.21
Temp. °C	15.54		
Redox Potential Eh (mV)	76		
Turbidity (NTU)	170		

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

Time	0910	Gal. Purged	0
Conductance	2301	pH	6.50
Temp. °C	14.76		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0911	Gal. Purged	0
Conductance	2316	pH	6.49
Temp. °C	14.76		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 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 = 4.90

Number of casing volumes evacuated (if other than two): 1.22

If well evacuated to dryness, number of gallons evacuated: 33

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech-Ford

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								
chloride								

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

Final Depth: 96.45 Sample Time: 0910

See instruction

Comment

Arrived on site at 1351 Tanner and Garrin present for purge. Purge began at 1354 Purged well for a total of 3 minutes. Purged well dry. Purge ended at 1357 Water was murky. Left site at 1359
Arrived on site at 0906 Tanner and Garrin present to collect samples. Depth to water was 58.45 samples bailed at 0910 Left site at 0912

TW4-36 08-26-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-60

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-60_08272014

Date and Time for Purging: 8/27/2014 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: TW4-36

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.: Partly Cloudy

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

Time	~~06~~ 0644	Gal. Purged	0
Conductance	0.3	pH	6.29
Temp. °C	22.71		
Redox Potential Eh (mV)	270		
Turbidity (NTU)	3.6		

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 [Chemtech- Ford]

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 [0645]

See instruction

Comment

D.I. Blank

Sample collected at lab at 0645

TW4-60 08-27-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-65_08132014
TW4-65_08132014

Date and Time for Purging: 8/12/2014 and Sampling (if different): 8/13/2014

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

Well Pump (if other than Bennet): Grundfos

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-12

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 107.00

Depth to Water Before Purging: 38.09

Casing Volume (V) 4" Well: 44.99 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

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 [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 = [8.18]

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs [Chemtech- Ford]

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 [102.58] Sample Time [0905]

See instruction

Comment

Duplicate of TW4-28

TW4-65 08-12-2014 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 3rd Quarter Chloroform 2014

Location (well name): TW4-70

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-70_08272014

Date and Time for Purging: 8/26/2014 and Sampling (if different): 8/27/2014

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

Well Pump (if other than Bennet): Grundfos

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

Sampling Event: Quarterly Chloroform

Prev. Well Sampled in Sampling Event: TW4-33

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 125.00

Depth to Water Before Purging: 66.30

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

Weather Cond.: Partly Cloudy

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

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 = 6.96

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: Chemtech- Ford

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: 74.90 Sample Time: 0745

See instruction

Comment

Duplicate of TW4-08

TW4-70 08-26-2014 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: 3rd Quarter Chloroform 2014 Resamp/s

Location (well name): TW4-75

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: TW4-75_09242014

Date and Time for Purging: 9/23/2014 and Sampling (if different): 9/24/2014

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: N/A

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 97.56

Depth to Water Before Purging: 70.00

Casing Volume (V) 4" Well: 17.95 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	0759	Gal. Purged	27.50
Conductance	3714	pH	6.54
Temp. °C	15.06		
Redox Potential Eh (mV)	285		
Turbidity (NTU)	10.8		

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: 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 = 3.26

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: Chemtech - Ford

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: 95.02 Sample Time: 0745

See instruction

Comment

Duplicate of TW4-06

TW4-75 09-23-2014 Do not touch this cell (SheetName)

Tab C

Weekly and Monthly Depth to Water Data

Weekly Inspection Form

Date 7/7/2014 **Name** Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1259	MW-4	77.20	Flow 4.4 GPM	(Yes) No
			Meter 420301.12	(Yes) No
1253	MW-26	71.66	Flow 10.2 GPM	(Yes) No
			Meter 435522.10	(Yes) No
1404	TW4-19	75.84	Flow 18.2 GPM	(Yes) No
			Meter 2606602.01	(Yes) No
1250	TW4-20	69.29	Flow 10.4 GPM	(Yes) No
			Meter 1314787	(Yes) No
1303	TW4-4	69.43	Flow 8.0 GPM	(Yes) No
			Meter 372374.3	(Yes) No
1240	TWN-2	31.78	Flow 18.5 GPM	(Yes) No
			Meter 2800326	(Yes) No
1247	TW4-22	60.35	Flow 18.0 GPM	(Yes) No
			Meter 1432264	(Yes) No
1244	TW4-24	68.13	Flow 18.4 GPM	(Yes) No
			Meter 1323404.4	(Yes) No
1234	TW4-25	67.40	Flow 18.5 GPM	(Yes) No
			Meter 783252.3	(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.

4686495

Weekly Inspection Form

Date 7/14/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1238	MW-4	69.94	Flow 4.4 GPM	(Yes) No
			Meter 425978.08	(Yes) No
1235	MW-26	73.19	Flow 10.4 GPM	(Yes) No
			Meter 437613.37	(Yes) No
1257	TW4-19	71.40	Flow 18.1 GPM	(Yes) No
			Meter 2623031.00	(Yes) No
1230	TW4-20	69.61	Flow 9.3 GPM	(Yes) No
			Meter 14584.29	(Yes) No
1241	TW4-4	69.78	Flow 8.0 GPM	(Yes) No
			Meter 377762.30	(Yes) No
1219	TWN-2	39.20	Flow 18.6 GPM	(Yes) No
			Meter 283699.01	(Yes) No
1226	TW4-22	60.61	Flow 18.1 GPM	(Yes) No
			Meter 145114.30	(Yes) No
1223	TW4-24	68.42	Flow 18.0 GPM	(Yes) No
			Meter 1340131.22	(Yes) No
1216	TW4-25	130.94	Flow 18.6 GPM	(Yes) No
			Meter 792654.04	(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 7/21/14 **Name** Gerrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1230	MW-4	70.09	Flow 4.4 GPM	(Yes) No
			Meter 431679.90	(Yes) No
1226	MW-26	73.76	Flow 10.0 GPM	(Yes) No
			Meter 439485.68	(Yes) No
1148	TW4-19	66.94	Flow 16.2 GPM	(Yes) No
			Meter 2646730.00	(Yes) No
1222	TW4-20	69.53	Flow 9.0 GPM	(Yes) No
			Meter 15811.32	(Yes) No
1234	TW4-4	69.88	Flow 8.3 GPM	(Yes) No
			Meter 383251.22	(Yes) No
1208	TWN-2	66.31	Flow 18.3 GPM	(Yes) No
			Meter 287257.60	(Yes) No
1220	TW4-22	60.72	Flow 18.0 GPM	(Yes) No
			Meter 147078.50	(Yes) No
1217	TW4-24	68.40	Flow 17.8 GPM	(Yes) No
			Meter 1356779.30	(Yes) No
1204	TW4-25	88.20	Flow 18.0 GPM	(Yes) No
			Meter 801653.60	(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.

0733151

Monthly Depth Check Form

Date 7/22/14 **Name** Gerrin Palmer / Tanner Holliday

Time	Well	Depth*	Time	Well	Depth*
1248	MW-4	69.98	1219	TWN-1	59.51
1247	TW4-1	66.78 6678	1225	TWN-2	30.10
1256	TW4-2	67.11	1216	TWN-3	38.65
1243	TW4-3	54.14	1211	TWN-4	51.80
1303	TW4-4	69.89	1229	TWN-7	86.29
1241	TW4-5	63.00	1213	TWN-18	59.48
1301	TW4-6	69.90	1227	MW-27	53.55
1248	TW4-7	67.40	1341	MW-30	75.40
1246	TW4-8	66.18	1337	MW-31	68.15
1242	TW4-9	60.80	1308	TW4-28	38.00
1238	TW4-10	60.55	1323	TW4-29	72.44
1252	TW4-11	59.78	1317	TW4-30	76.99
1307	TW4-12	43.48	1316	TW4-31	82.25
1311	TW4-13	48.70	1309	TW4-32	49.74
1314	TW4-14	83.42	1326	TW4-33	70.87
1140	TW4-15	72.18	1322	TW4-34	70.24
1255	TW4-16	65.16	1319	TW4-35	74.32
1336	TW4-17	75.55	1313	TW4-36	58.10
1222	TW4-18	64.00			
1110	TW4-19	67.40			
1128	TW4-20	69.48			
1223	TW4-21	65.74			
1251	TW4-22	59.97			
1257	TW4-23	66.32			
1250	TW4-24	66.80			
1234	TW4-25	62.86			
1259	TW4-26	64.10			
1325	TW4-27	80.61			

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

* Depth is measured to the nearest 0.01 feet

4736413

Weekly Inspection Form

Date 7/28/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1324	MW-4	71.34	Flow 4.4 GPM	(Yes) No
			Meter 437394.71	(Yes) No
1321	MW-26	71.17	Flow 10.5 GPM	(Yes) No
			Meter 440678.96	(Yes) No
1400	TW4-19	69.84	Flow 14.8 GPM	(Yes) No
			Meter 2669654.00	(Yes) No
1318	TW4-20	69.34	Flow 10.0 GPM	(Yes) No
			Meter 17145.48	(Yes) No
1327	TW4-4	69.72	Flow 8.2 GPM	(Yes) No
			Meter 388786.20	(Yes) No
1304	TWN-2	32.15	Flow 18.1 GPM	(Yes) No
			Meter 290725.90	(Yes) No
1315	TW4-22	60.75	Flow 18.0 GPM	(Yes) No
			Meter 146975.00	(Yes) No
1312	TW4-24	67.91	Flow 17.2 GPM	(Yes) No
			Meter 1373066.70	(Yes) No
1300	TW4-25	63.40	Flow 18.2 GPM	(Yes) No
			Meter 810037.70	(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 8/4/2014 **Name** Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1310	MW-4	76.74	Flow 4.3	(Yes) No
			Meter 443012.57	(Yes) No
1306	MW-26	71.50	Flow 10.4	(Yes) No
			Meter 442405.27	(Yes) No
1322	TW4-19	76.81	Flow 10.0	(Yes) No
			Meter 26942702	(Yes) No
1303	TW4-20	69.60	Flow 8.0	(Yes) No
			Meter 18461.44	(Yes) No
1314	TW4-4	74.19	Flow 8.0	(Yes) No
			Meter 394186.3	(Yes) No
1248	TWN-2	31.30	Flow 18.50	(Yes) No
			Meter 294387.5	(Yes) No
1300	TW4-22	60.70	Flow 17.0	(Yes) No
			Meter 150871.3	(Yes) No
1256	TW4-24	68.30	Flow 18.4 GPM	(Yes) No
			Meter 1389830.4	(Yes) No
1245	TW4-25	65.80	Flow ~~18.80~~ 16.40	(Yes) No
			Meter 820197.4	(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 8/7/14 **Name** Garrin Palmer

Time	Well	Depth*	Time	Well	Depth*
0916	MW-4	67.02	1250	TWN-1	59.50
0913	TW4-1	66.90	0747	TWN-2	30.86
0918	TW4-2	67.15	1241	TWN-3	38.49
0909	TW4-3	54.10	1234	TWN-4	51.80
0934	TW4-4	68.90	1207	TWN-7	92.40
0905	TW4-5	63.00	1238	TWN-18	59.39
0931	TW4-6	69.78	1204	MW-27	53.40
0915	TW4-7	67.42	0951	MW-30	76.85
0911	TW4-8	66.12	1032	MW-31	68.35
0906	TW4-9	60.83	1012	TW4-28	37.95
0901	TW4-10	60.57	1010	TW4-29	72.35
0920	TW4-11	59.17	1031	TW4-30	75.30
1007	TW4-12	43.40	0954	TW4-31	82.07
0957	TW4-13	48.45	1004	TW4-32	49.67
0957	TW4-14	83.25	0940	TW4-33	70.80
0859	TW4-15	71.44	0946	TW4-34	70.18
0922	TW4-16	65.21	0949	TW4-35	74.30
0924	TW4-17	75.55	0956	TW4-36	57.80
1248	TW4-18	64.04			
1055	TW4-19	70.85			
0804	TW4-20	69.50			
1245	TW4-21	65.76			
0802	TW4-22	58.80			
0924	TW4-23	66.31			
0800	TW4-24	65.72			
0745	TW4-25	64.02			
0937	TW4-26	64.06			
0943	TW4-27	80.47			

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

* Depth is measured to the nearest 0.01 feet

Weekly Inspection Form

Date 8/11/14 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1320	MW-4	72.29	Flow 4.4 GPM	(Yes) No
			Meter 448761.98	(Yes) No
1312	MW-26	71.64	Flow 9.4 GPM	(Yes) No
			Meter 444778.79	(Yes) No
1400	TW4-19	76.90	Flow 12.5 GPM	(Yes) No
			Meter 2718661.00	(Yes) No
1303	TW4-20	69.55	Flow 8.2 GPM	(Yes) No
			Meter 19867.00	(Yes) No
1329	TW4-4	69.52	Flow 8.4 GPM	(Yes) No
			Meter 399447.12	(Yes) No
1233	TWN-2	33.30	Flow 18.6 GPM	(Yes) No
			Meter 297988.20	(Yes) No
1254	TW4-22	60.90	Flow 17.9 GPM	(Yes) No
			Meter 152037.80	(Yes) No
1245	TW4-24	69.50	Flow 17.6 GPM	(Yes) No
			Meter 1406688.10	(Yes) No
1224	TW4-25	82.70	Flow 17.0 GPM	(Yes) No
			Meter 829436.60	(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 8/18/14 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1414	MW-4	70.71	Flow 4.4 GPM	(Yes) No
			Meter 454569.84	(Yes) No
1411	MW-26	70.41	Flow 10.0 GPM	(Yes) No
			Meter 446693.67	(Yes) No
1441	TW4-19	69.84	Flow 12.0 GPM	(Yes) No
			Meter 2742158.00	(Yes) No
1408	TW4-20	77.89	Flow 8.0 GPM	(Yes) No
			Meter 21101.05	(Yes) No
1417	TW4-4	70.40	Flow 8.3 GPM	(Yes) No
			Meter 404861.00	(Yes) No
1354	TWN-2	31.20	Flow 18.6 GPM	(Yes) No
			Meter 301400.70	(Yes) No
1405	TW4-22	84.60	Flow 18.2 GPM	(Yes) No
			Meter 154694.10	(Yes) No
1400	TW4-24	68.40	Flow 17.4 GPM	(Yes) No
			Meter 1423047.00	(Yes) No
1350	TW4-25	61.38	Flow 18.1 GPM	(Yes) No
			Meter 838689.90	(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 8/25/14 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1228	MW-4	70.39	Flow 4.4 GPM	(Yes) No
			Meter 460134.62	(Yes) No
1226	MW-26	73.75	Flow 10.0 GPM	(Yes) No
			Meter 448365.80	(Yes) No
1150	TW4-19	66.44	Flow 11.5 GPM	(Yes) No
			Meter 2765804.00	(Yes) No
1225	TW4-20	69.90	Flow 8.6 GPM	(Yes) No
			Meter 22476.90	(Yes) No
1231	TW4-4	69.97	Flow 8.2 GPM	(Yes) No
			Meter 410187.40	(Yes) No
1202	TWN-2	58.71	Flow 18.3 GPM	(Yes) No
			Meter 305007.60	(Yes) No
1222	TW4-22	60.97	Flow 18.0 GPM	(Yes) No
			Meter 156568.00	(Yes) No
1218	TW4-24	68.40	Flow 18.0 GPM	(Yes) No
			Meter 1439391.00	(Yes) No
1159	TW4-25	60.78	Flow 18.0 GPM	(Yes) No
			Meter 847740.60	(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 9/2/14 **Name** Garrin Palmer / Tanner Halliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1244	MW-4	70.14	Flow 4.4 GPM	(Yes) No
			Meter 466490.82	(Yes) No
1242	MW-26	75.70	Flow 10.0 GPM	(Yes) No
			Meter 450275.02	(Yes) No
1322	TW4-19	67.88	Flow 11.6 GPM	(Yes) No
			Meter 2791482.00	(Yes) No
1239	TW4-20	70.94	Flow 8.7 GPM	(Yes) No
			Meter 23899.90	(Yes) No
1247	TW4-4	69.92	Flow 8.0 GPM	(Yes) No
			Meter 416037.91	(Yes) No
1223	TWN-2	29.36	Flow 18.5 GPM	(Yes) No
			Meter 309200.30	(Yes) No
1236	TW4-22	59.22	Flow 18.0 GPM	(Yes) No
			Meter 158599.70	(Yes) No
1232	TW4-24	65.82	Flow 17.6 GPM	(Yes) No
			Meter 1459601.80	(Yes) No
1220	TW4-25	59.40	Flow 18.0 GPM	(Yes) No
			Meter 858105.00	(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 9/8/14 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1417	MW-4	71.10	Flow 4.4 GPM	(Yes) No
			Meter 471830.94	(Yes) No
1414	MW-26	70.57	Flow 10.0 GPM	(Yes) No
			Meter 451680.00	(Yes) No
1500	TW4-19	75.10	Flow 10.6 GPM	(Yes) No
			Meter 2814546.09	(Yes) No
1411	TW4-20	75.49	Flow 8.2 GPM	(Yes) No
			Meter 25019.71	(Yes) No
1420	TW4-4	69.98	Flow 8.0 GPM	(Yes) No
			Meter 420927.10	(Yes) No
1359	TWN-2	28.37	Flow 18.2 GPM	(Yes) No
			Meter 312388.90	(Yes) No
1408	TW4-22	77.26	Flow 17.8 GPM	(Yes) No
			Meter 160369.40	(Yes) No
1405	TW4-24	69.10	Flow 17.4 GPM	(Yes) No
			Meter 1471843.30	(Yes) No
1355	TW4-25	61.50	Flow 17.2 GPM	(Yes) No
			Meter 866258.20	(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 9/15/14 **Name** Garrin Palmer / Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1231	MW-4	70.78	Flow 4.50 GPM	(Yes) No
			Meter 477660.72	(Yes) No
1226	MW-26	74.21	Flow 10.0 GPM	(Yes) No
			Meter 453457.50	(Yes) No
1200	TW4-19	70.12	Flow 12.0 GPM	(Yes) No
			Meter 2838083.05	(Yes) No
1225	TW4-20	70.15	Flow 8.4 GPM	(Yes) No
			Meter 26307.38	(Yes) No
1234	TW4-4	70.10	Flow 8.0 GPM	(Yes) No
			Meter 426120.10	(Yes) No
1210	TWN-2	38.40	Flow 18.4 GPM	(Yes) No
			Meter 315066.40	(Yes) No
1221	TW4-22	61.12	Flow 18.0 GPM	(Yes) No
			Meter 162139.40	(Yes) No
1218	TW4-24	69.42	Flow 17.0 GPM	(Yes) No
			Meter 1487998.20	(Yes) No
1206	TW4-25	117.81	Flow 18.0 GPM	(Yes) No
			Meter 875236.00	(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 9/22/14 **Name** Tanner Holliday

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1217	MW-4	70.83	Flow 4.3 GPM	(Yes) No
			Meter ~~20~~ 483412.20	(Yes) No
1214	MW-26	76.17	Flow 10.1 GPM	(Yes) No
			Meter 455563.84	(Yes) No
1203	TW4-19	75.02	Flow 11.0 GPM	(Yes) No
			Meter 2862082.03	(Yes) No
1208	TW4-20	70.45	Flow 8.3 GPM	(Yes) No
			Meter 27625.22	(Yes) No
1221	TW4-4	69.41	Flow 8.1 GPM	(Yes) No
			Meter 431323.1	(Yes) No
1153	TWN-2	27.38	Flow 18.6 GPM	(Yes) No
			Meter 319615.7	(Yes) No
1202	TW4-22	61.45	Flow 18.1 GPM	(Yes) No
			Meter 164024.2	(Yes) No
1156	TW4-24	69.82	Flow 18.2 GPM	(Yes) No
			Meter 1504014.2	(Yes) No
1150	TW4-25	61.12	Flow 16.50 GPM	(Yes) No
			Meter 884202.7	(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 9/29/14 **Name** Garrin Palmer

Time	Well	Depth*	Comments	System Operational (If no note any problems/corrective actions)
1512	MW-4	70.85	Flow 4.4 GPM	Yes No
			Meter 489489.46	Yes No
1507	MW-26	75.11	Flow 10.0 GPM	Yes No
			Meter 457614.77	Yes No
1428	TW4-19	68.40	Flow 11.0 GPM	Yes No
			Meter 2886551.00	Yes No
1503	TW4-20	70.35	Flow 8.6 GPM	Yes No
			Meter 29060.26	Yes No
1515	TW4-4	70.18	Flow 8.0 GPM	Yes No
			Meter 436526.80	Yes No
1449	TWN-2	30.22	Flow 18.5 GPM	Yes No
			Meter 323464.60	Yes No
1459	TW4-22	61.32	Flow 17.7 GPM	Yes No
			Meter 166072.50	Yes No
1457	TW4-24	68.50	Flow 17.8 GPM	Yes No
			Meter 1520311.20	Yes No
1441	TW4-25	60.98	Flow 17.1 GPM	Yes No
			Meter 893570.60	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.

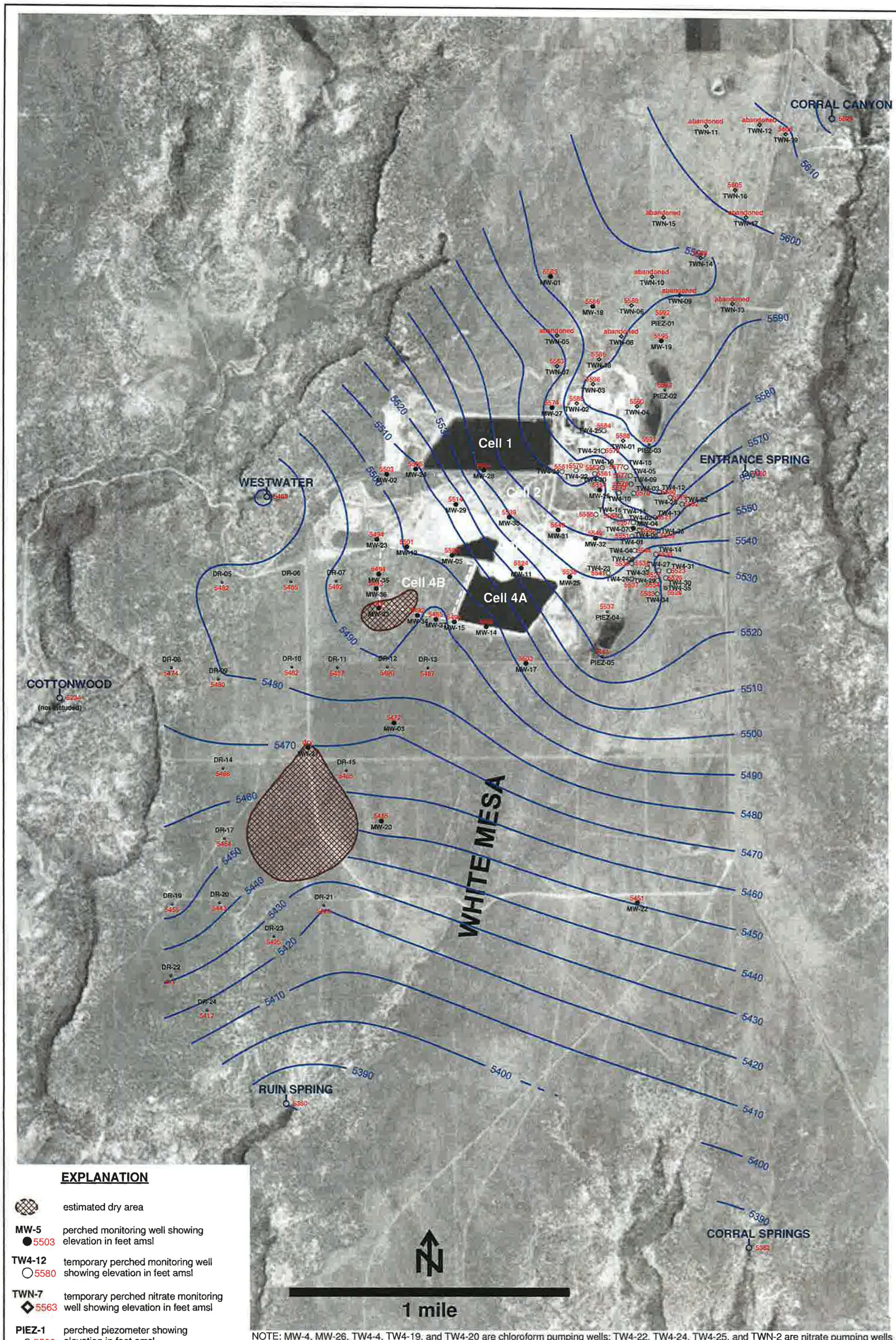
Tab D

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

NAME: Garrin Palmer, Tanner Holliday

DATE: 9/25/14

TIME	WELL	Depth to Water (ft.)	TIME	WELL	Depth to Water (ft.)	TIME	WELL	Depth to Water (ft.)	TIME	WELL	Depth to Water (ft.)
1253	MW-1	64.14	1249	MW-4	70.10	1235	PIEZ-1	63.90	NA	DR-1	Abandoned
1305	MW-2	109.69	1247	TW4-1	67.45	1229	PIEZ-2	35.80	NA	DR-2	Abandoned
1447	MW-3	83.30	1250	TW4-2	67.63	1227	PIEZ-3	46.97	1334	DR-5	83.13
1448	MW-3A	85.05	1257	TW4-3	54.64	1237	PIEZ-4	54.54	1337	DR-6	94.35
1311	MW-5	106.22	1245	TW4-4	69.82	1234	PIEZ-5	53.45	1037	DR-7	92.2
1056	MW-11	86.58	1302	TW4-5	63.55	1211	TWN-1	59.94	1347	DR-8	51.24
1309	MW-12	108.33	1244	TW4-6	70.09	1208	TWN-2	39.02	1345	DR-9	86.58
1049	MW-14	103.45	1248	TW4-7	68.11	1219	TWN-3	38.20	1342	DR-10	78.07
1046	MW-15	106.35	1252	TW4-8	66.58	1224	TWN-4	52.23	1442	DR-11	98.2
1455	MW-17	72.45	1259	TW4-9	61.35	NA	TWN-5	Abandoned	1444	DR-12	90.35
1250	MW-18	71.26	1304	TW4-10	61.05	1248	TWN-6	77.20	1453	DR-13	69.9
1232	MW-19	59.65	1254	TW4-11	60.10	1256	TWN-7	86.20	1357	DR-14	76.41
1327	MW-20	85.66	1224	TW4-12	43.74	NA	TWN-8	Abandoned	1353	DR-15	93
1320	MW-22	66.93	1223	TW4-13	48.90	NA	TWN-9	Abandoned	NA	DR-16	Abandoned
1030	MW-23	117.71	1213	TW4-14	82.99	NA	TWN-10	Abandoned	1401	DR-17	65.05
1027	MW-24	113.69	1150	TW4-15	71.40	NA	TWN-11	Abandoned	NA	DR-18	Abandoned
1054	MW-25	74.88	1307	TW4-16	65.66	NA	TWN-12	Abandoned	1405	DR-19	63.11
1150	MW-26	71.40	1309	TW4-17	75.95	NA	TWN-13	Abandoned	1416	DR-20	55.57
1206	MW-27	53.58	1213	TW4-18	64.49	1239	TWN-14	61.77	1433	DR-21	101.3
1025	MW-28	75.65	1001	TW4-19	68.72	NA	TWN-15	Abandoned	1440	DR-22	DRY
1315	MW-29	101.18	1148	TW4-20	68.50	1241	TWN-16	47.60	1430	DR-23	70.61
1317	MW-30	75.31	1215	TW4-21	66.15	NA	TWN-17	Abandoned	1410	DR-24	44.18
1312	MW-31	68.21	1147	TW4-22	59.00	1221	TWN-18	59.43	NA	DR-25	Abandoned
1309	MW-32	75.95	1242	TW4-23	66.72	1400	TWN-19	53.25			
1036	MW-33	DRY	1146	TW4-24	64.40						
1043	MW-34	107.90	1210	TW4-25	60.96						
1032	MW-35	112.44	1240	TW4-26	64.35						
1035	MW-36	110.55	1202	TW4-27	80.46						
1045	MW-37	114.80	1226	TW4-28	38.16						
			1204	TW4-29	72.51						
			1209	TW4-30	76.81						
			1211	TW4-31	81.94						
			1228	TW4-32	49.94						
			1200	TW4-33	71.00						
			1207	TW4-34	70.40						
			1220	TW4-35	74.35						
			1215	TW4-36	57.45						



EXPLANATION

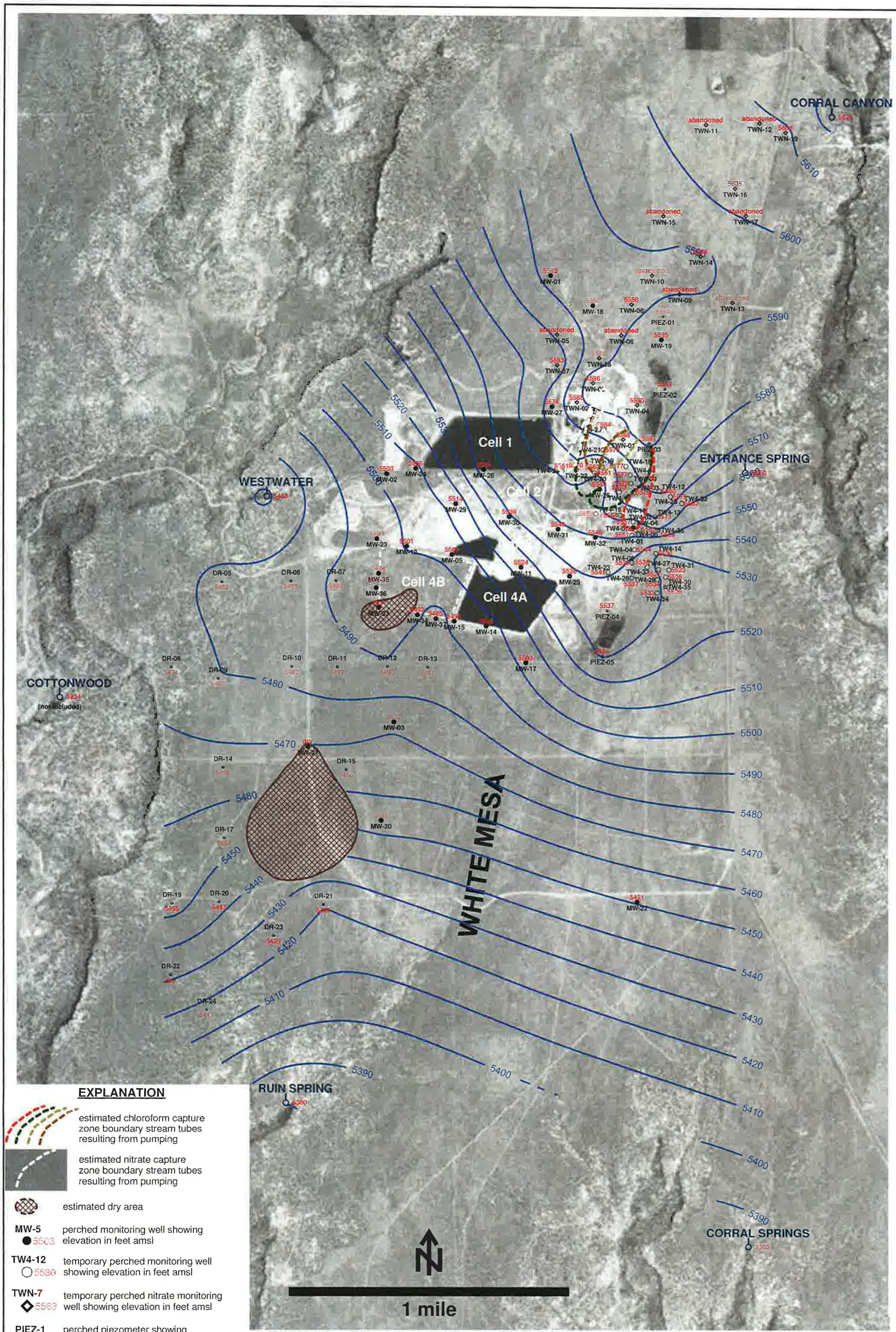
- estimated dry area
- **MW-5** ● 5503 — perched monitoring well showing elevation in feet amsl
- **TW4-12** ○ 5580 — temporary perched monitoring well showing elevation in feet amsl
- **TWN-7** ◇ 5563 — temporary perched nitrate monitoring well showing elevation in feet amsl
- **PIEZ-1** ⊖ 5592 — perched piezometer showing elevation in feet amsl
- **TW4-35** ✲ 5526 — temporary perched monitoring well installed May, 2014 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 3rd QUARTER, 2014 WATER LEVELS WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/nov14/Uwl0914.srf	D-1



EXPLANATION

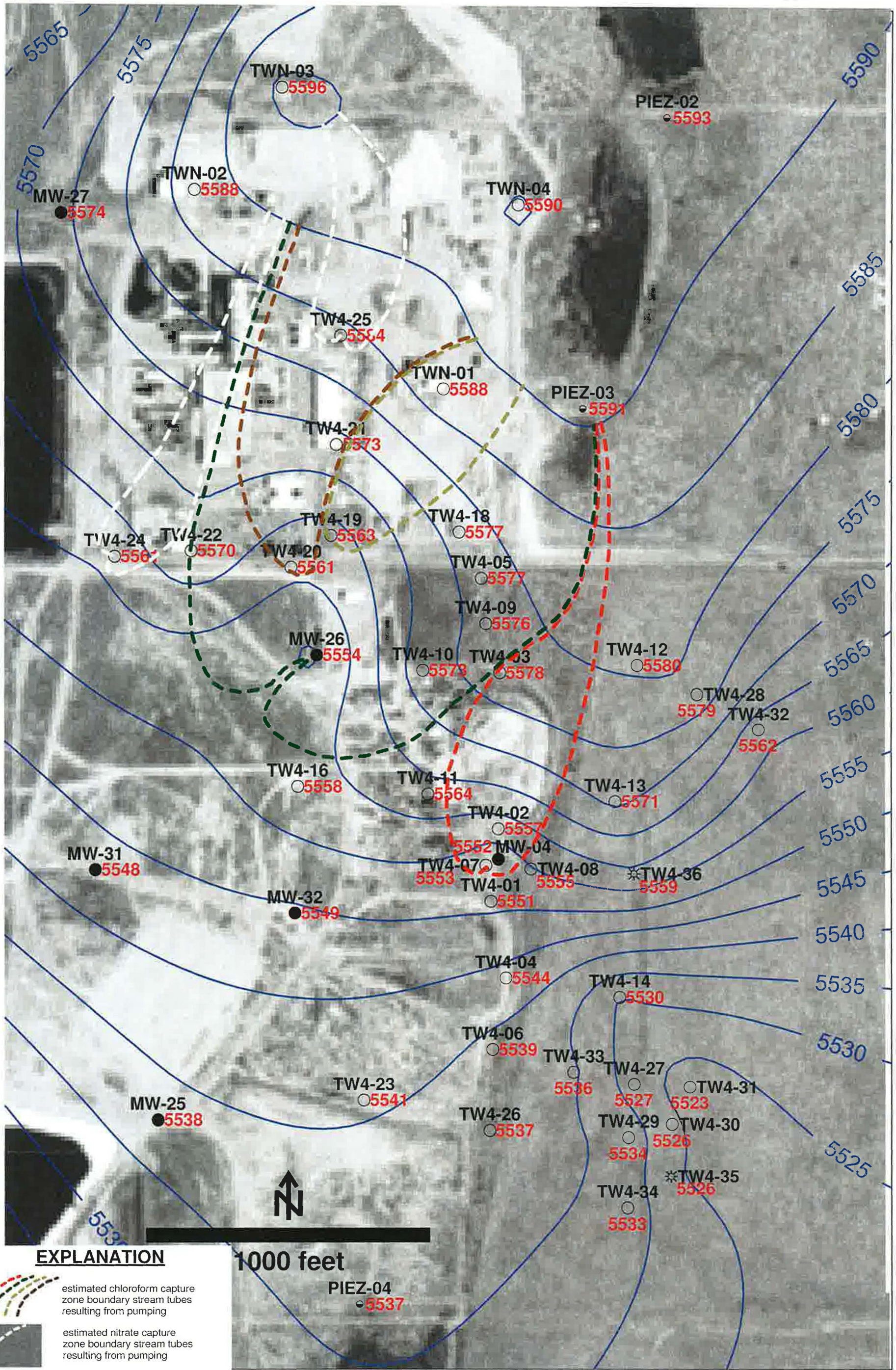
- estimated chloroform capture zone boundary stream tubes resulting from pumping
- estimated nitrate capture zone boundary stream tubes resulting from pumping
- estimated dry area
- **MW-5** 5503 — perched monitoring well showing elevation in feet amsl
- **TW4-12** 5580 — temporary perched monitoring 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
- **TW4-35** 5526 — temporary perched monitoring well installed May, 2014 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 3rd QUARTER, 2014 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/nov14/Uwl0914cz2.srf	D-2



EXPLANATION

- estimated chloroform capture zone boundary stream tubes resulting from pumping
- estimated nitrate capture zone boundary stream tubes resulting from pumping
- MW-4 ● 5552 — perched monitoring well showing elevation in feet amsl
- TW4-1 ○ 5551 — temporary perched monitoring well showing elevation in feet amsl
- PIEZ-2 ◒ 5593 — perched piezometer showing elevation in feet amsl
- TW4-35 ☼ 5526 — temporary perched monitoring well installed May, 2014 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

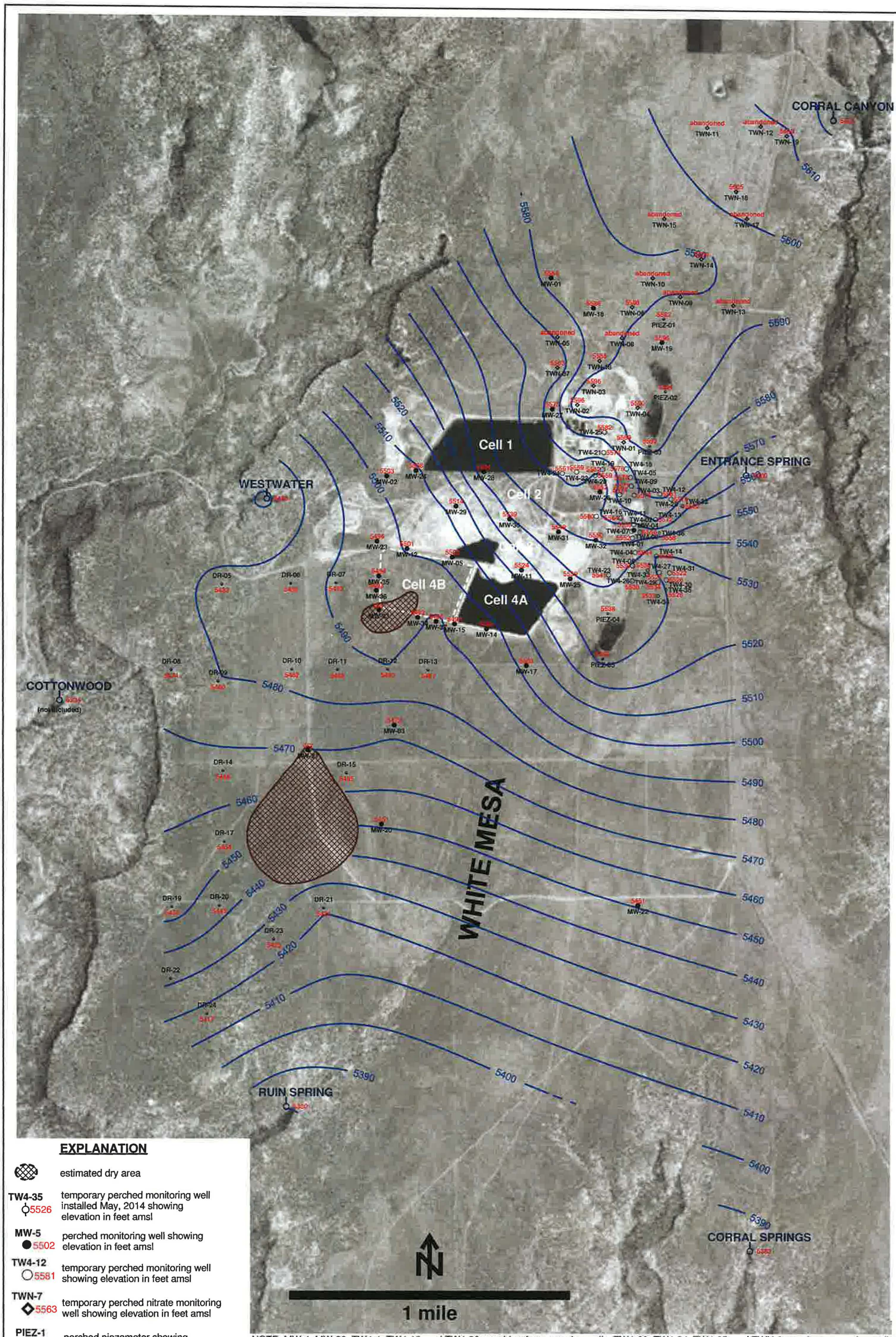
HYDRO GEO CHEM, INC.

KRIGED 3rd QUARTER, 2014 WATER LEVELS AND ESTIMATED CAPTURE ZONES WHITE MESA SITE (detail map)

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/nov14/Uwl0914cz.srf	D-3

Tab E

Kriged Previous Quarter Groundwater Contour Map



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

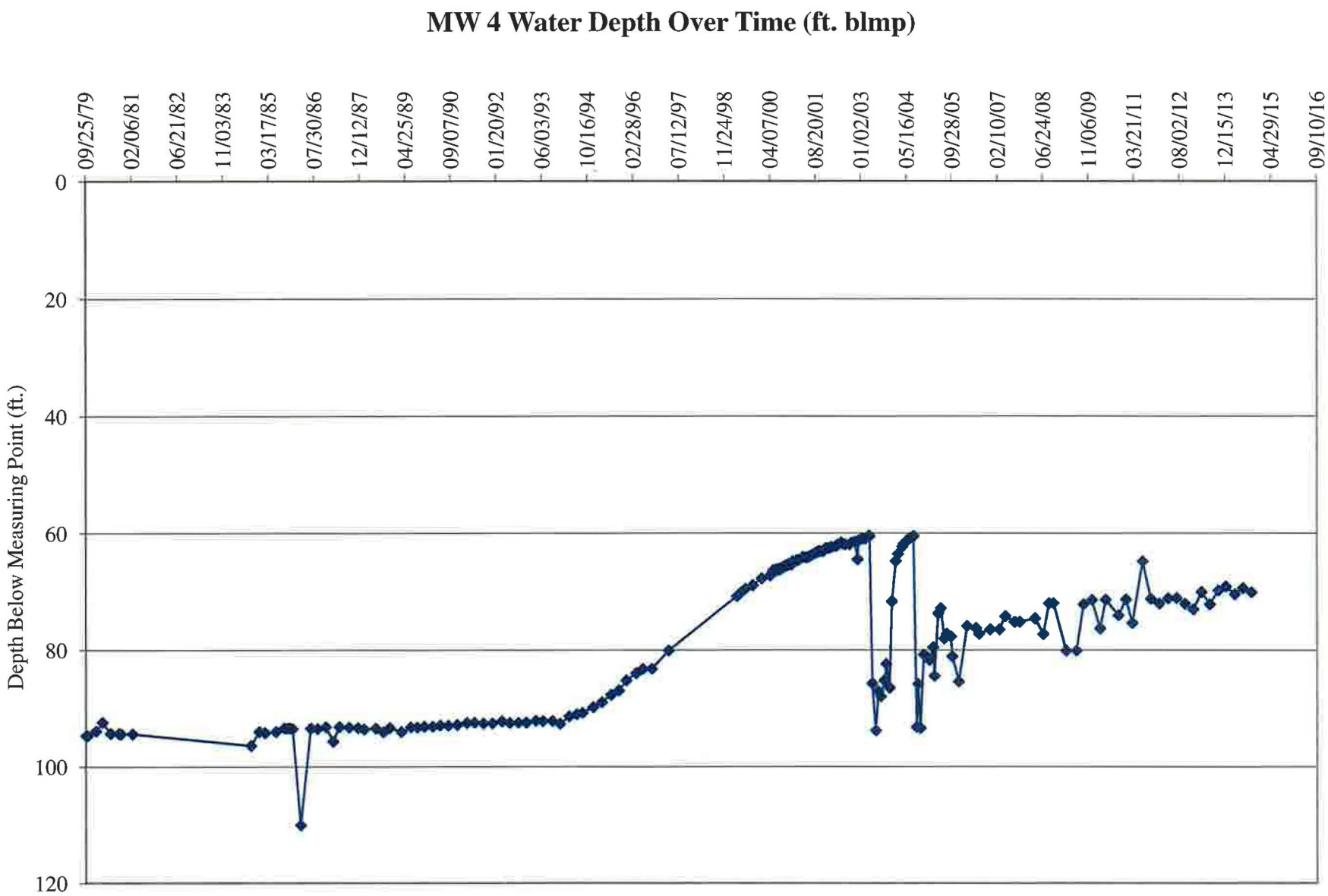
HYDRO GEO CHEM, INC.

KRIGED 2nd QUARTER, 2014 WATER LEVELS WHITE MESA SITE

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

Tab F

Hydrographs of Groundwater Elevations Over Time for Chloroform Monitoring Wells


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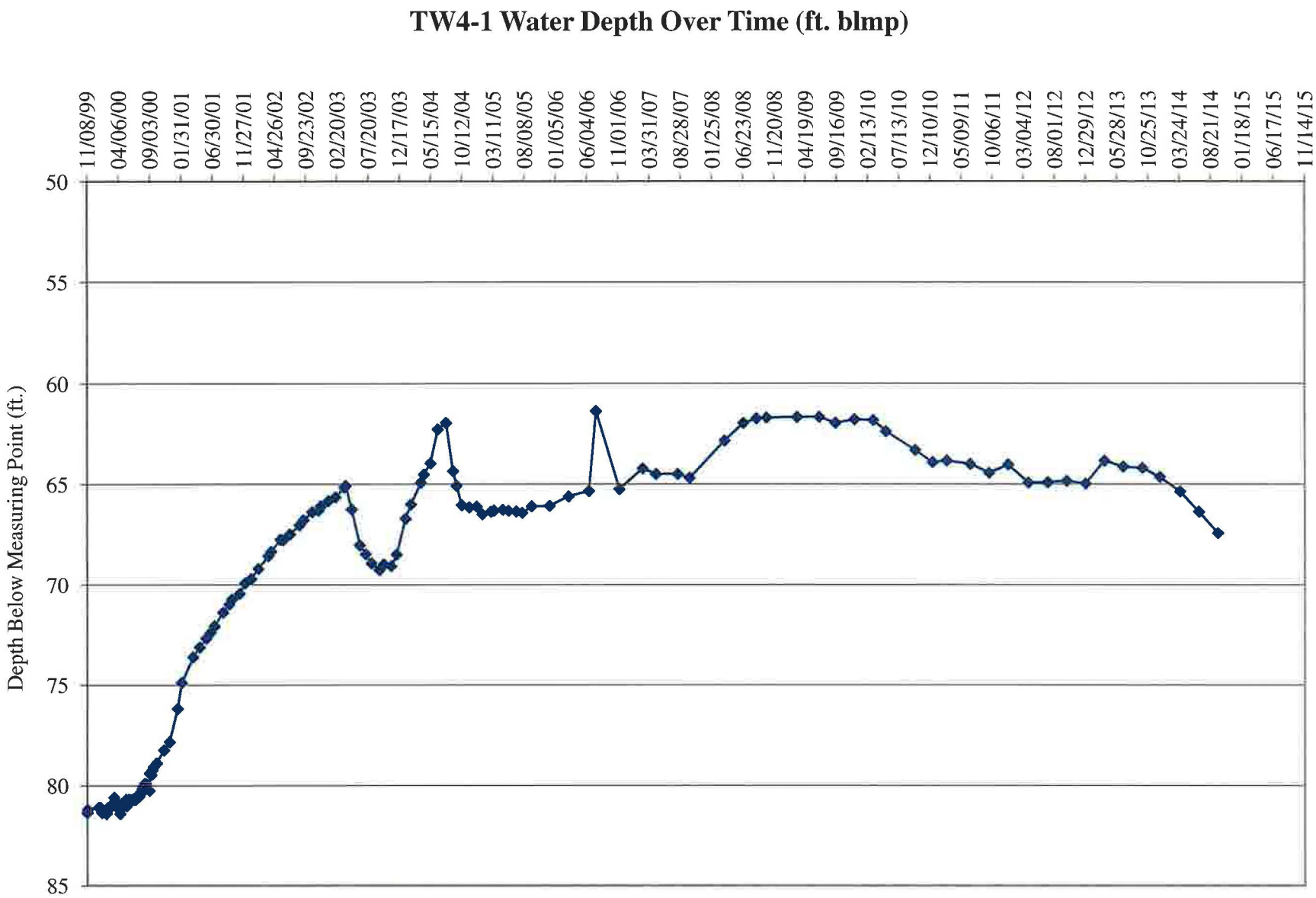
03/21/11
08/02/12
12/15/13
04/29/15
09/10/16


TW4-1 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
50
55
60
65
70
75
80
85
11/08/99
04/06/00
09/03/00
01/31/01
06/30/01
11/27/01
04/26/02
09/23/02
02/20/03
07/20/03
12/17/03
05/15/04
10/12/04
03/11/05
08/08/05
01/05/06
06/04/06
11/01/06
03/31/07
08/28/07
01/25/08
06/23/08
11/20/08
04/19/09
09/16/09
02/13/10
07/13/10
12/10/10
05/09/11
10/06/11
03/04/12
08/01/12
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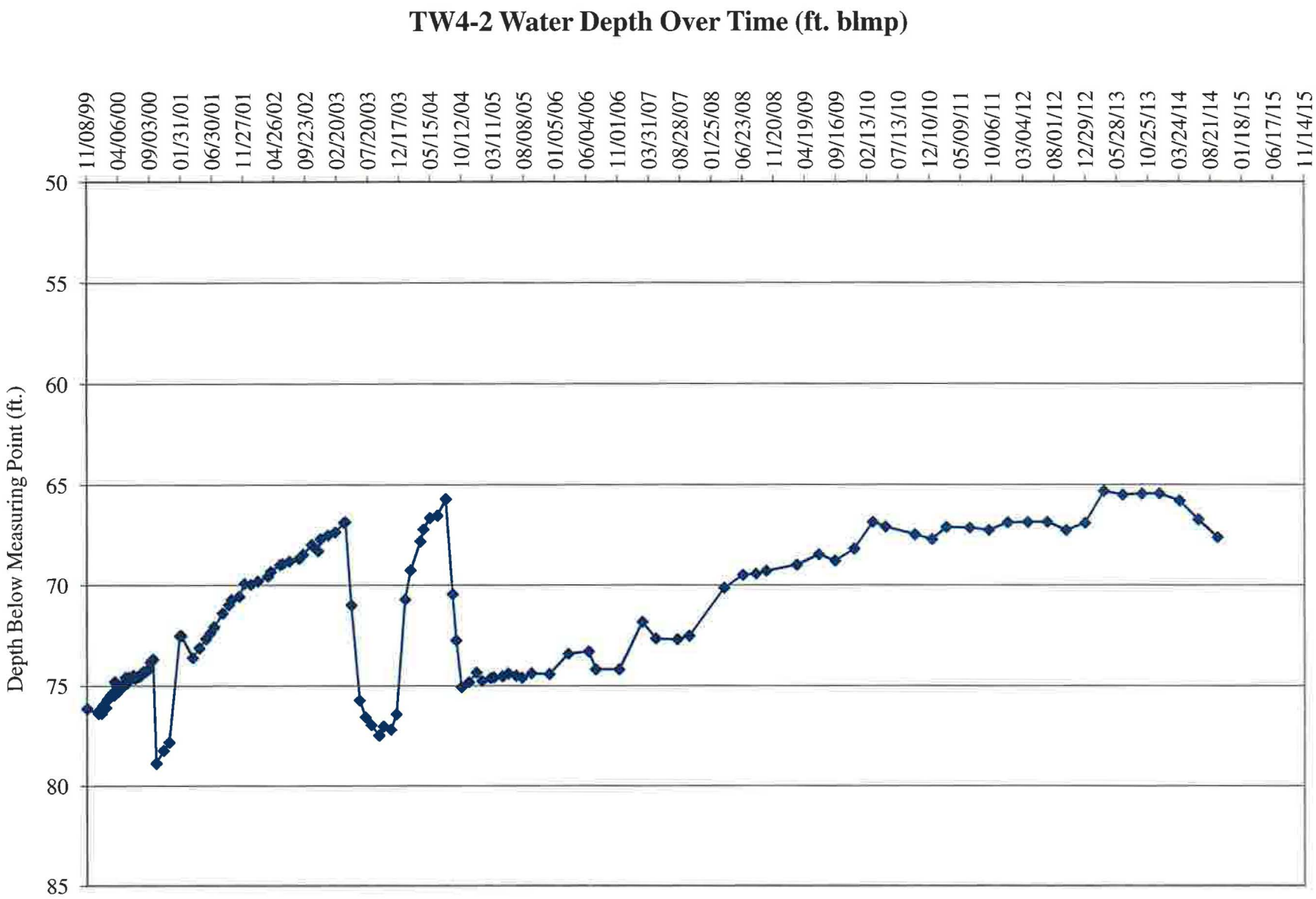
01/18/15
06/17/15
11/14/15


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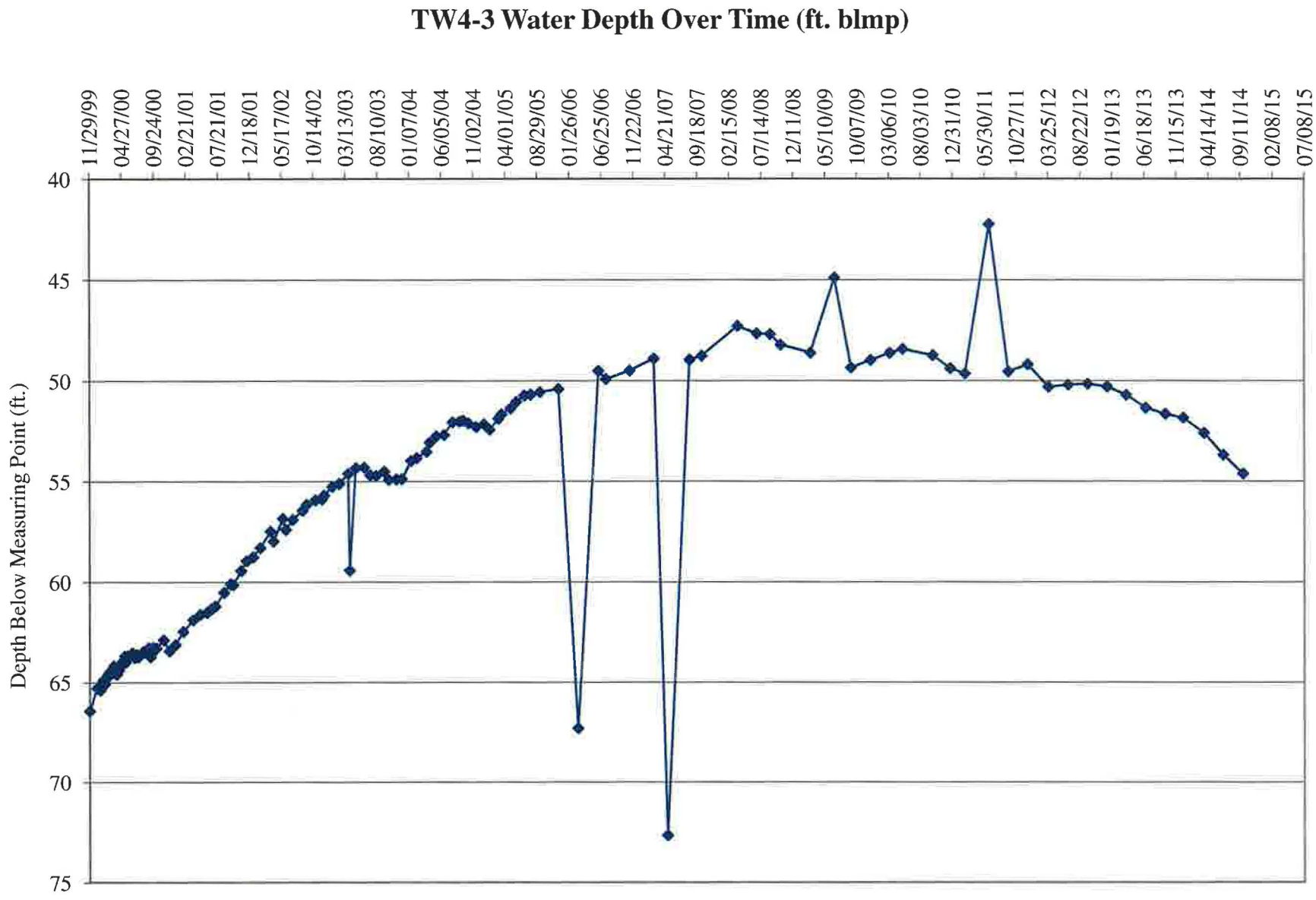
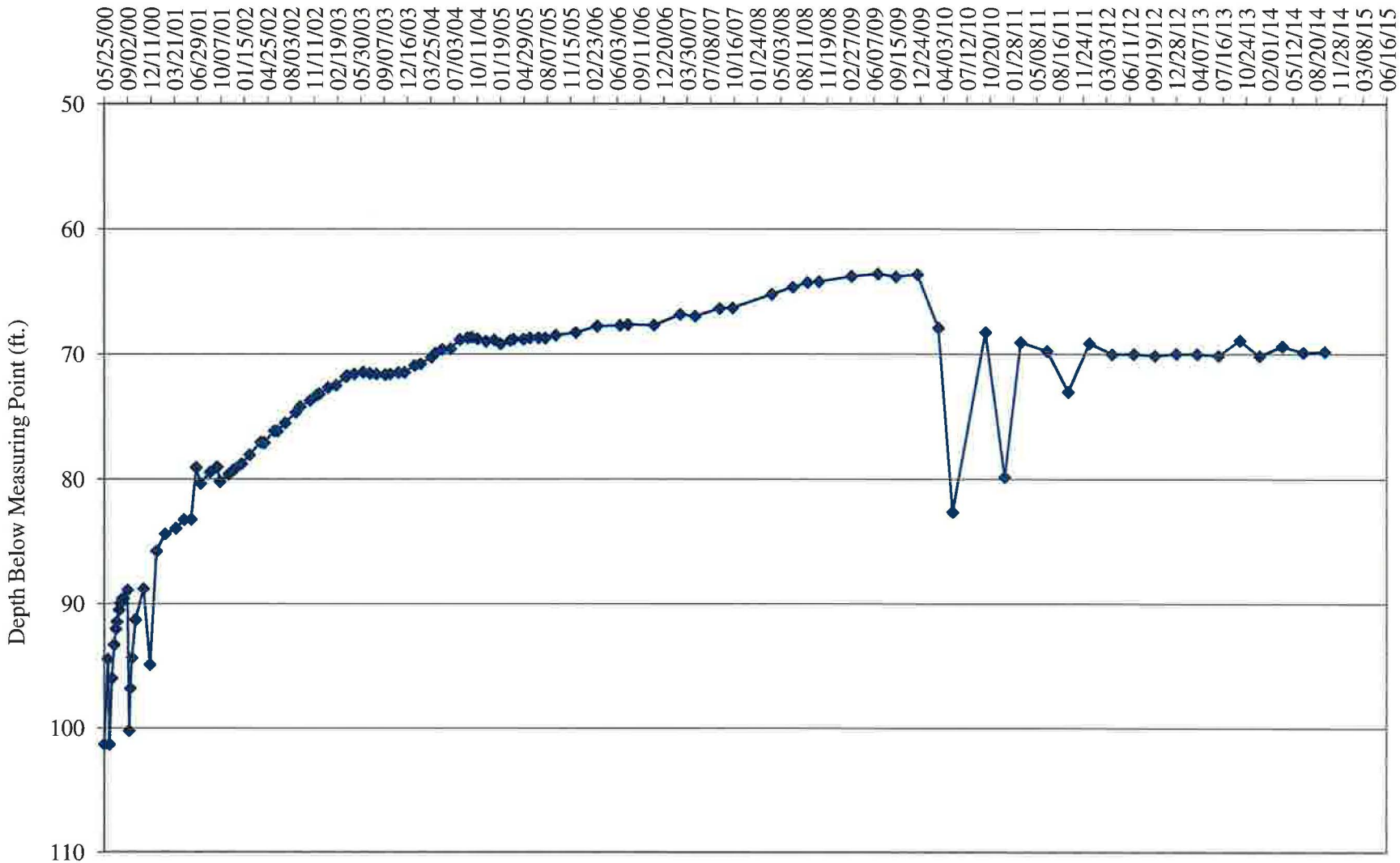
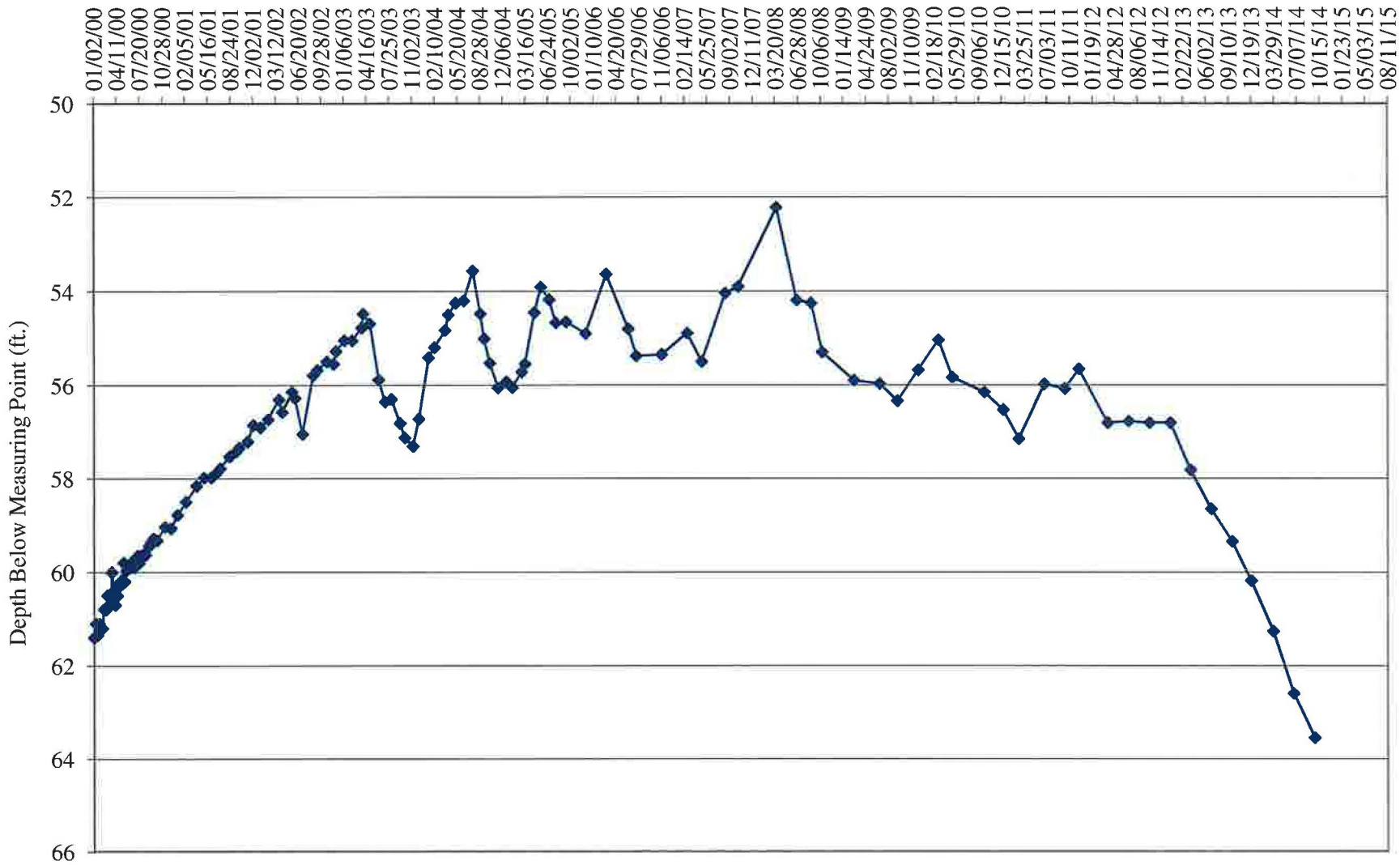
01/18/15
06/17/15
11/14/15


TW4-3 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
40
45
50
55
60
65
70
75
11/29/99
04/27/00
09/24/00
02/21/01
07/21/01
12/18/01
05/17/02
10/14/02
03/13/03
08/10/03
01/07/04
06/05/04
11/02/04
04/01/05
08/29/05
01/26/06
06/25/06
11/22/06
04/21/07
09/18/07
02/15/08
07/14/08
12/11/08
05/10/09
10/07/09
03/06/10
08/03/10
12/31/10
05/30/11
10/27/11
03/25/12
08/22/12
01/19/13
06/18/13
11/15/13
04/14/14
09/11/14
02/08/15
07/08/15

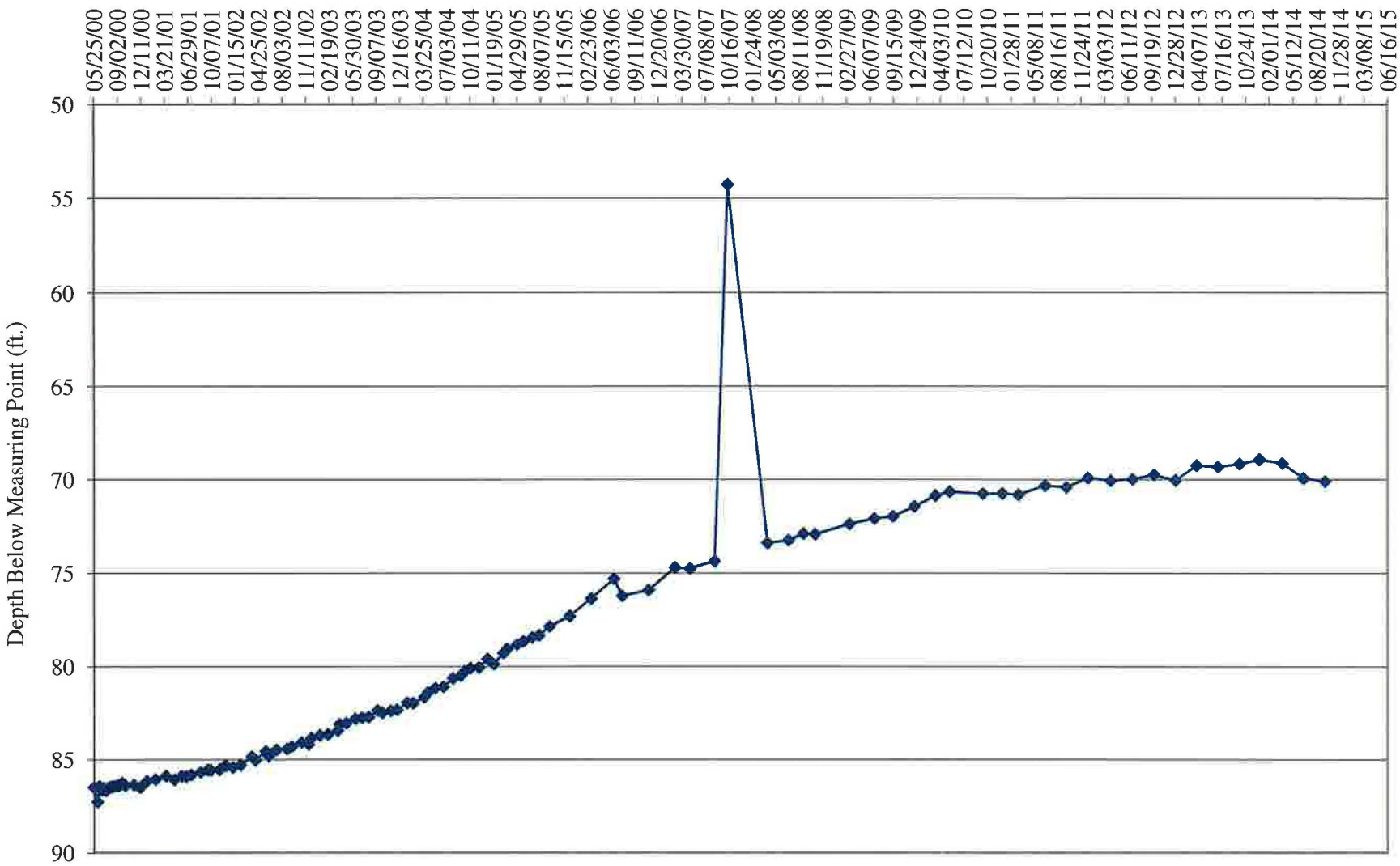
TW4-4 Water Depth Over Time (ft. blmp)



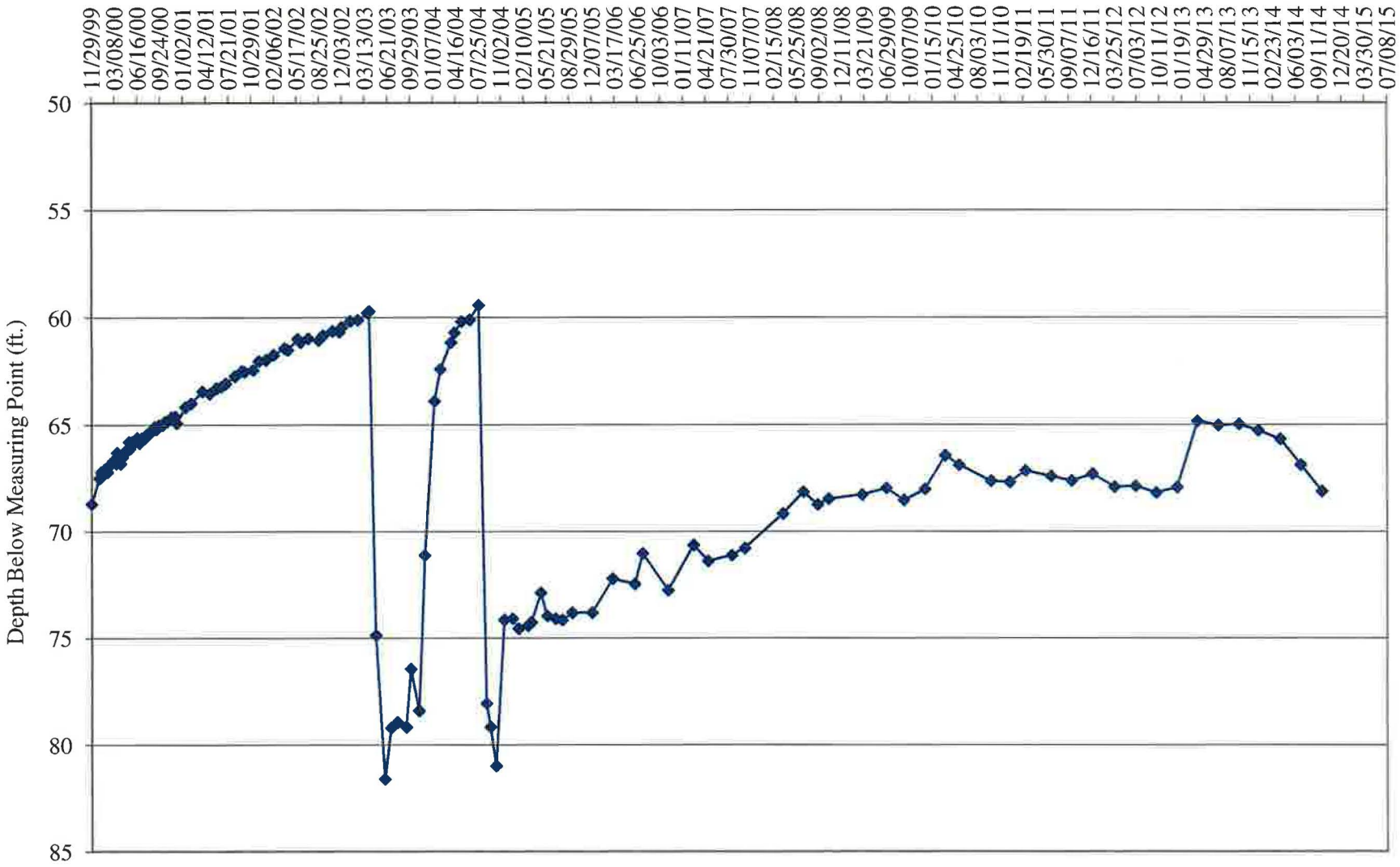
TW4-5 Water Depth Over Time (ft. blmp)



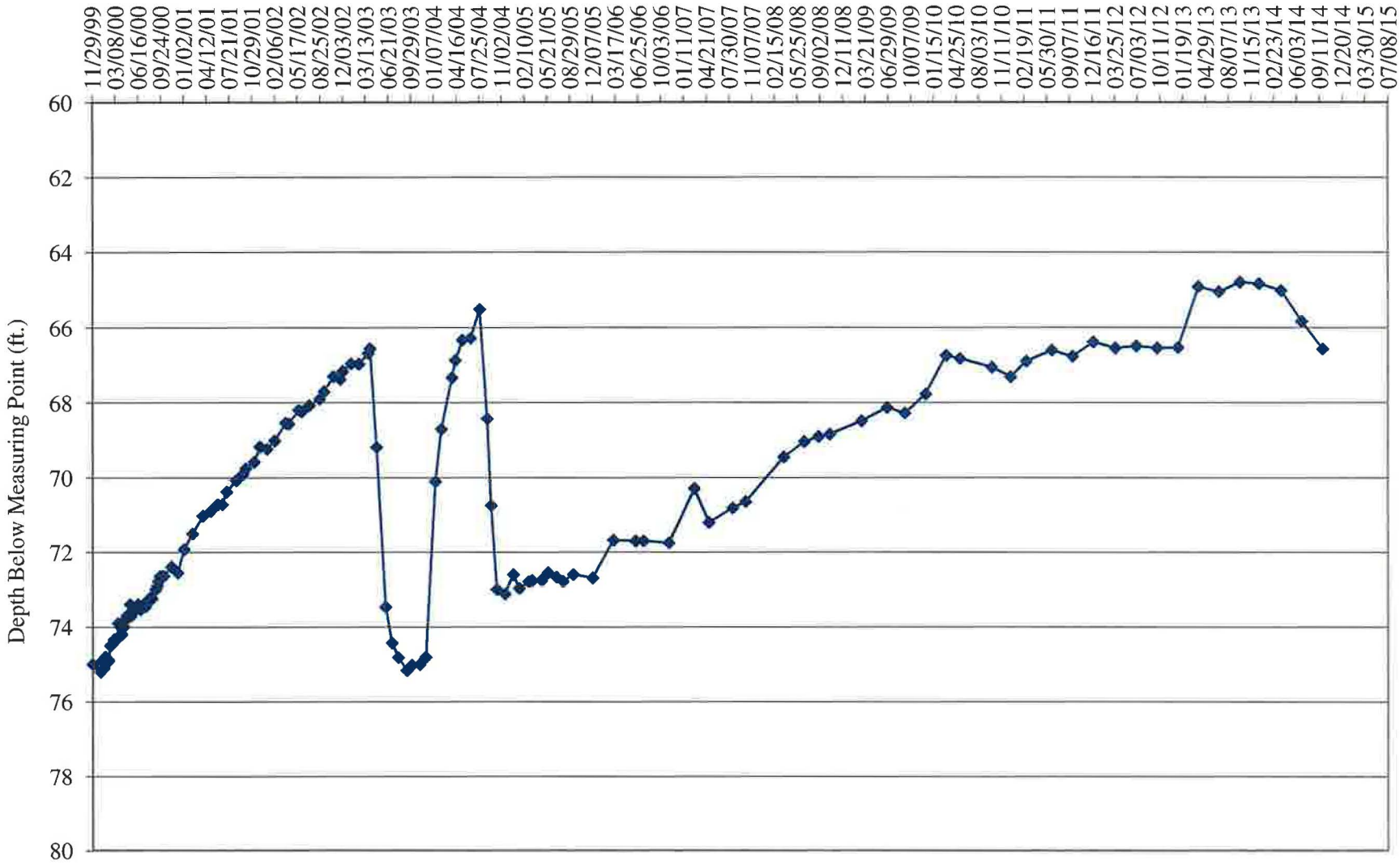
TW4-6 Water Depth Over Time (ft. blmp)



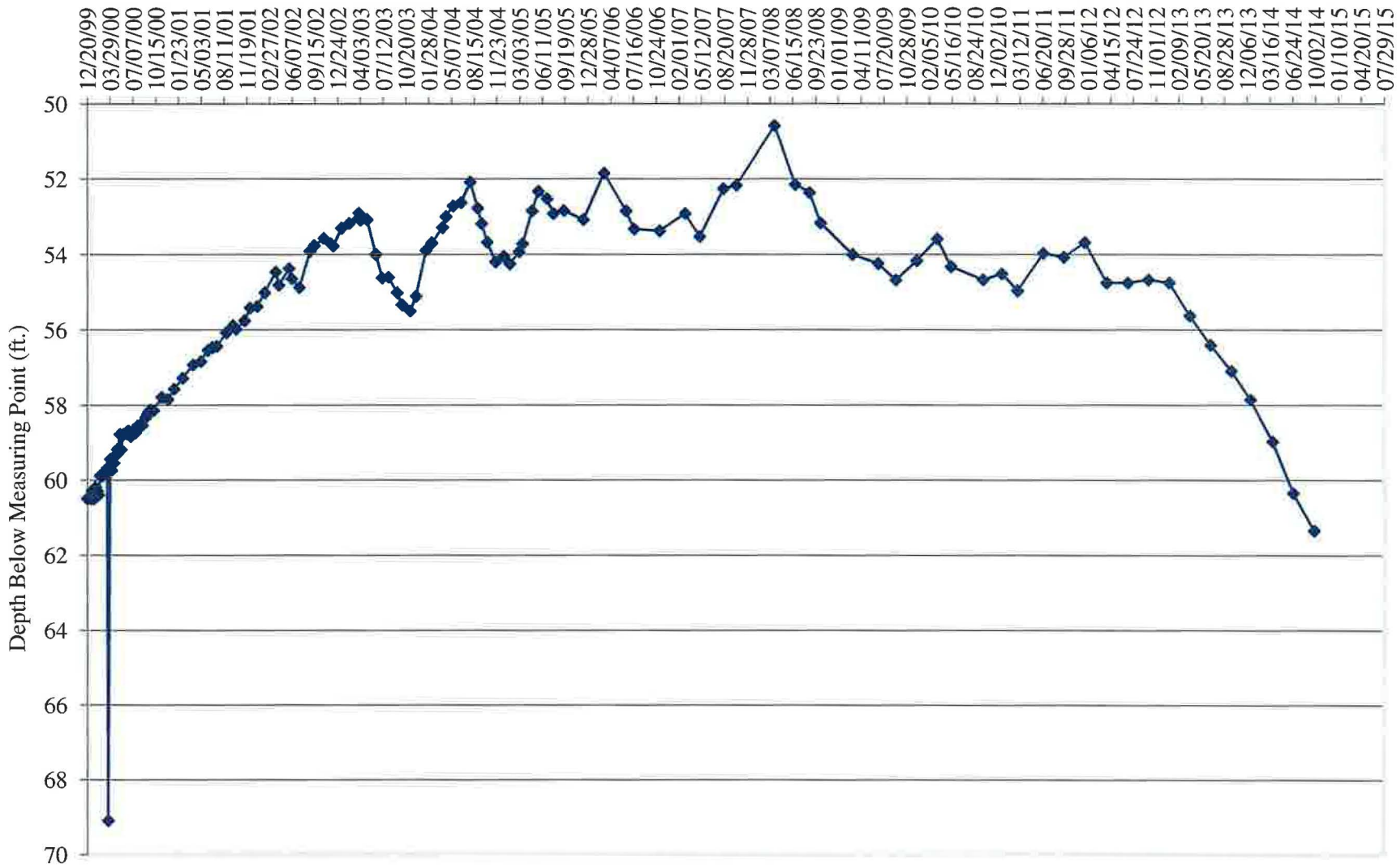
TW4-7 Water Depth Over Time (ft. blmp)



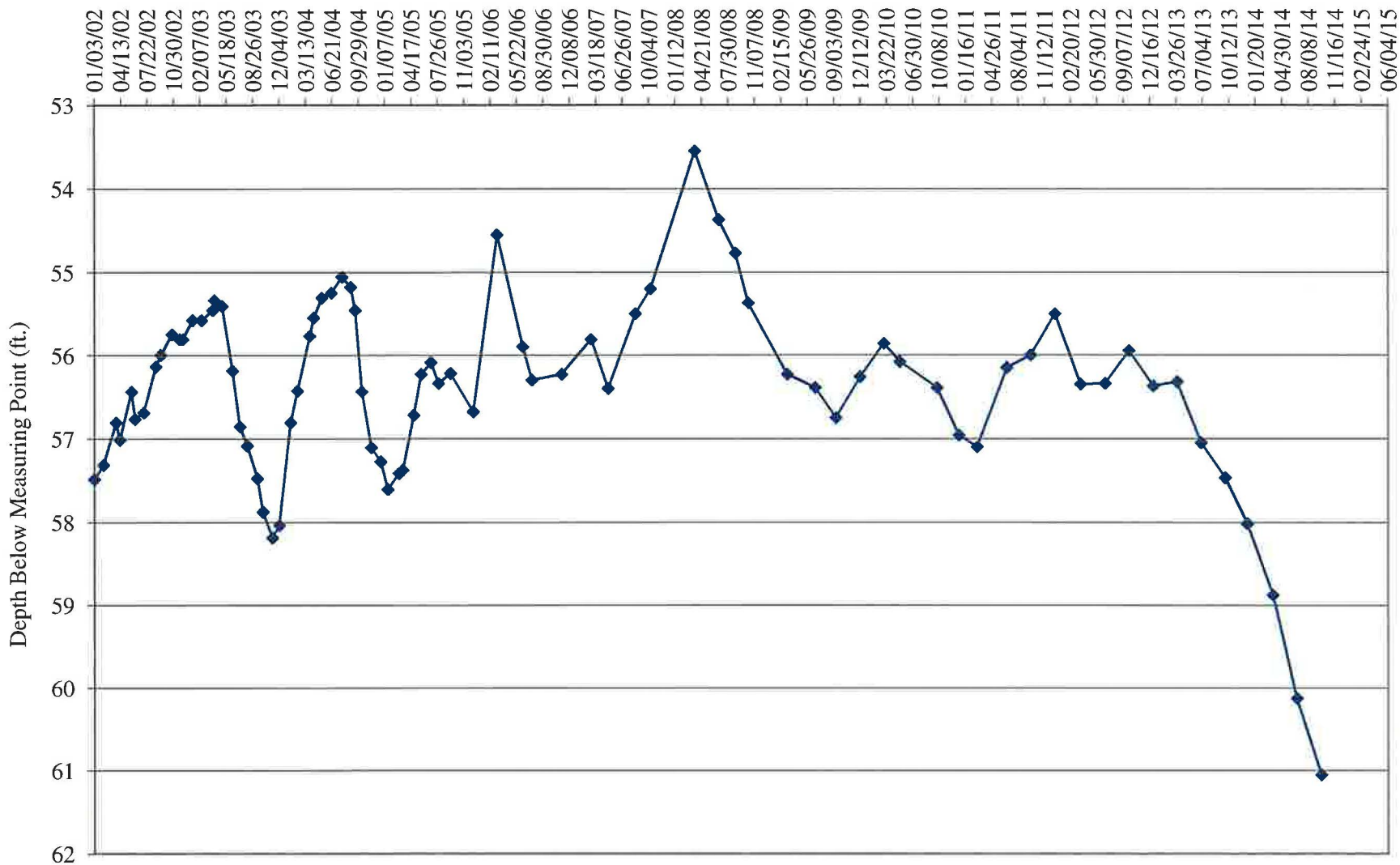
TW4-8 Water Depth Over Time (ft. blmp)



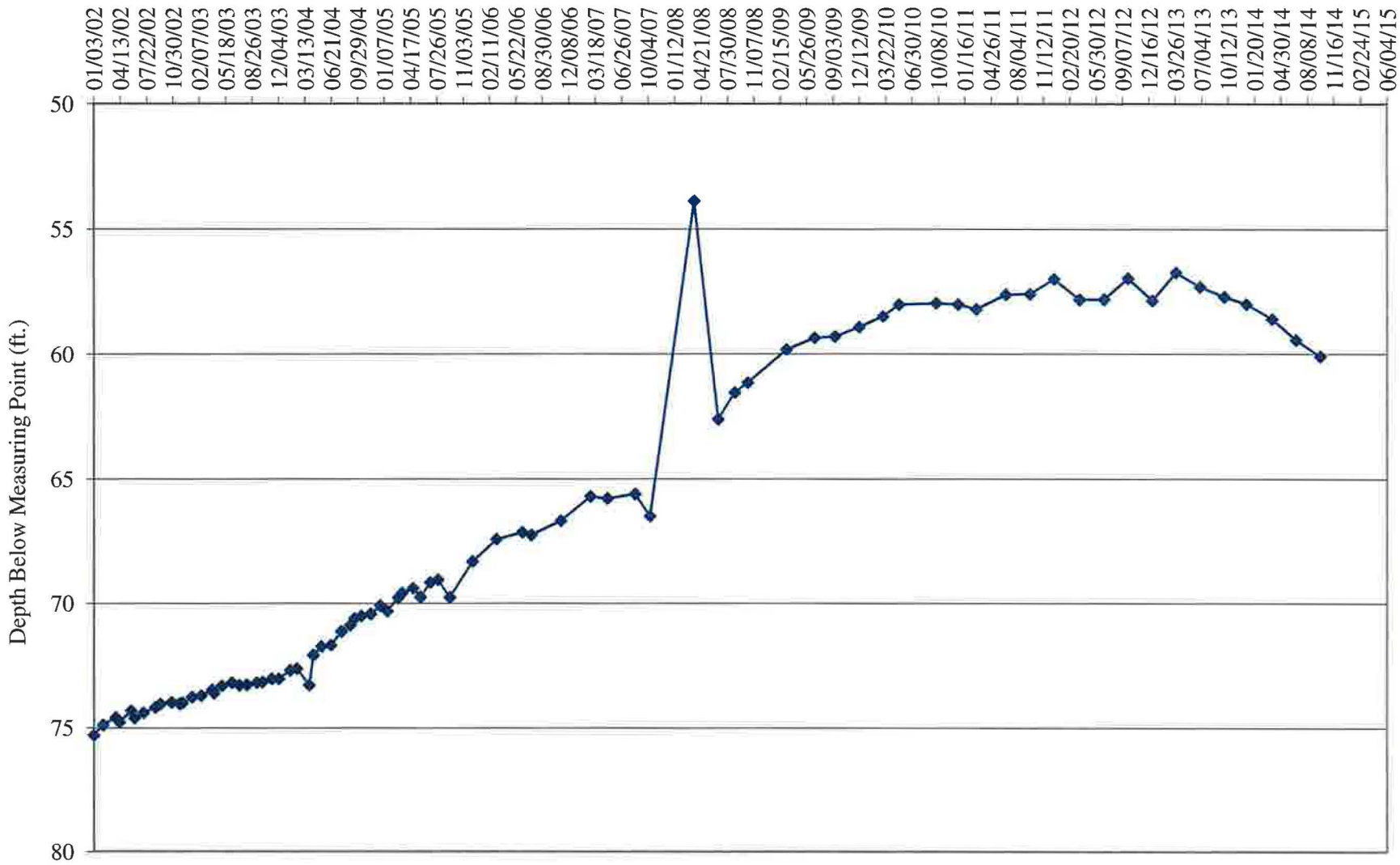
TW4-9 Water Depth Over Time (ft. blmp)



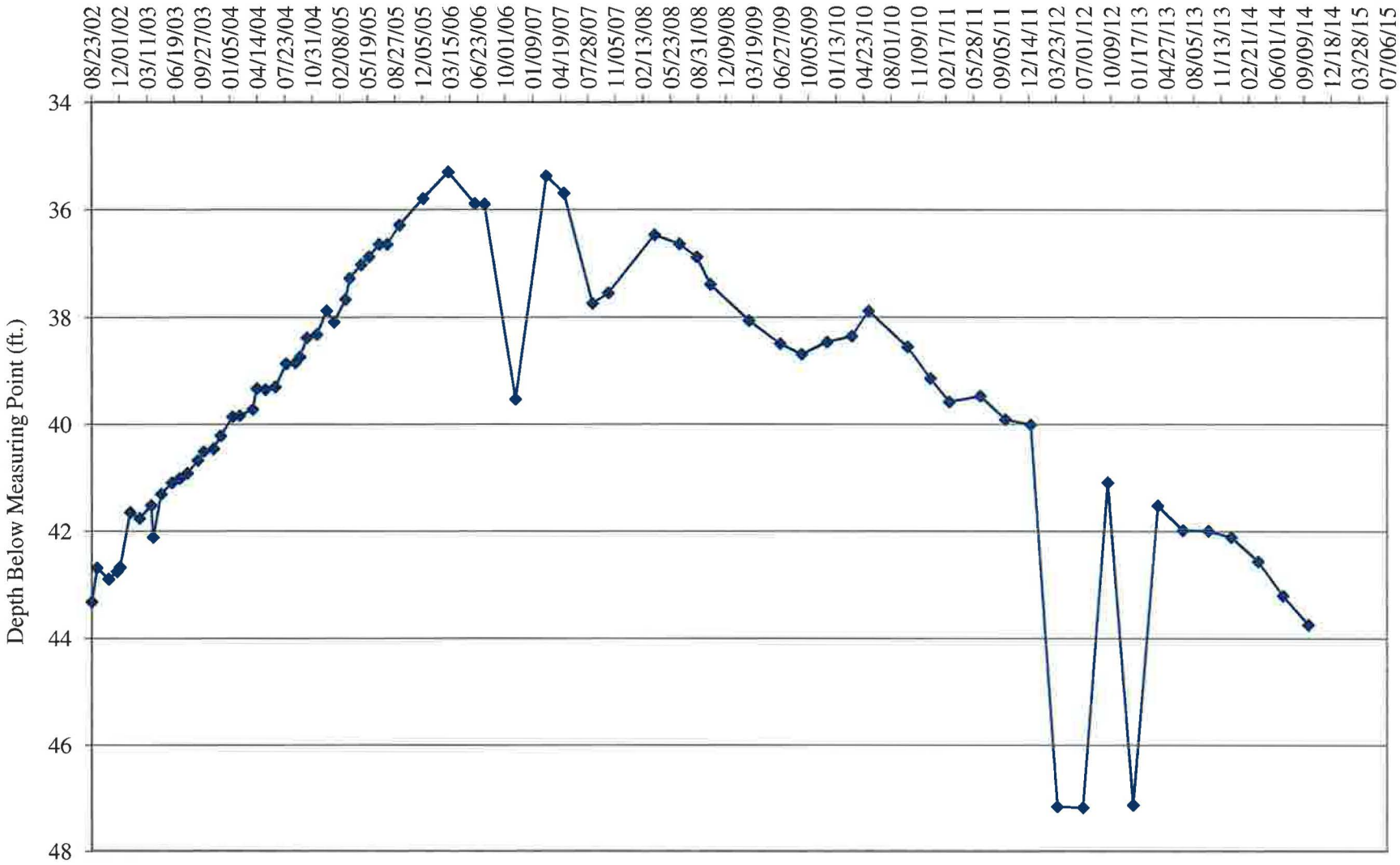
TW4-10 Water Depth Over Time (ft. blmp)



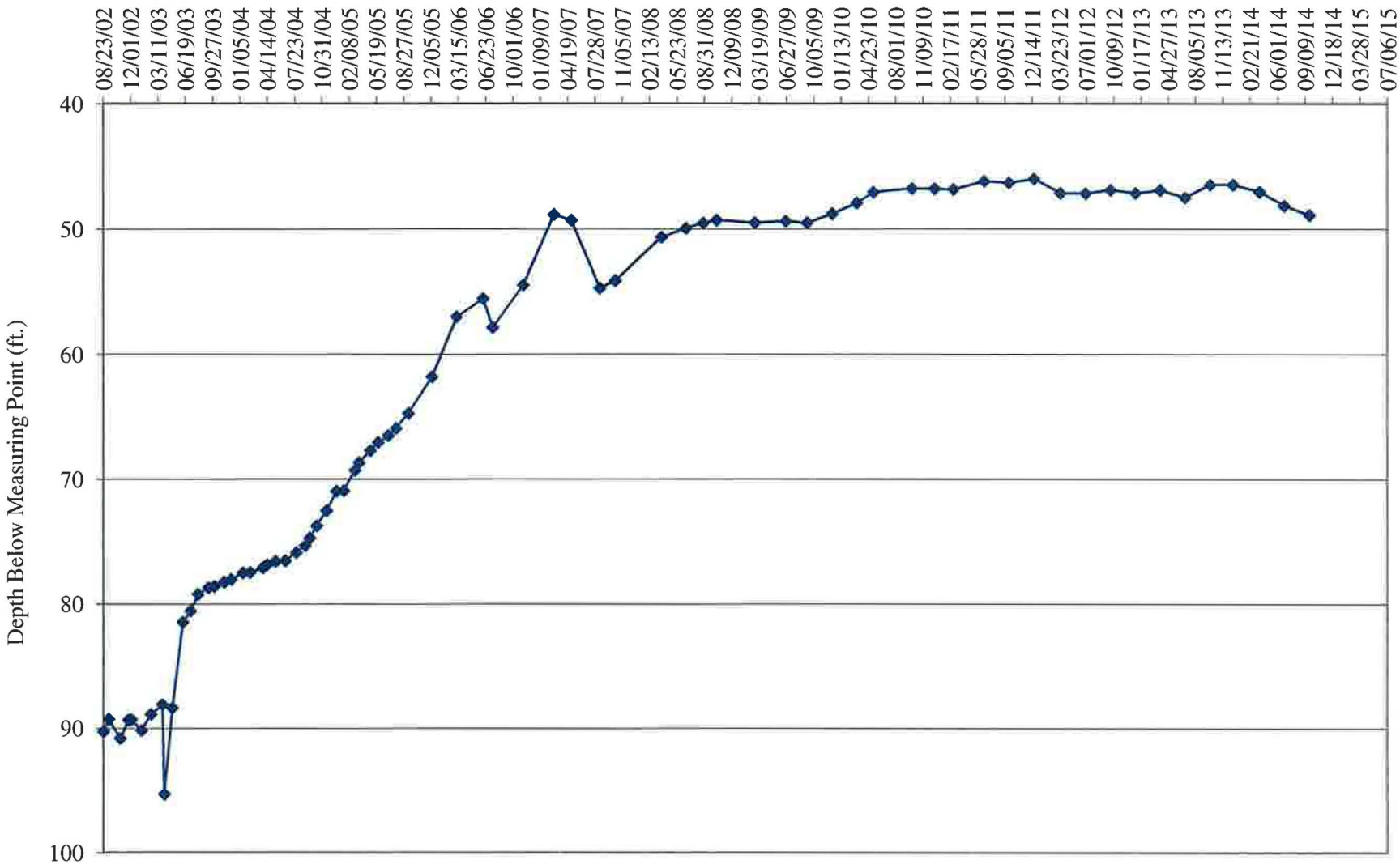
TW4-11 Water Depth Over Time (ft. blmp)



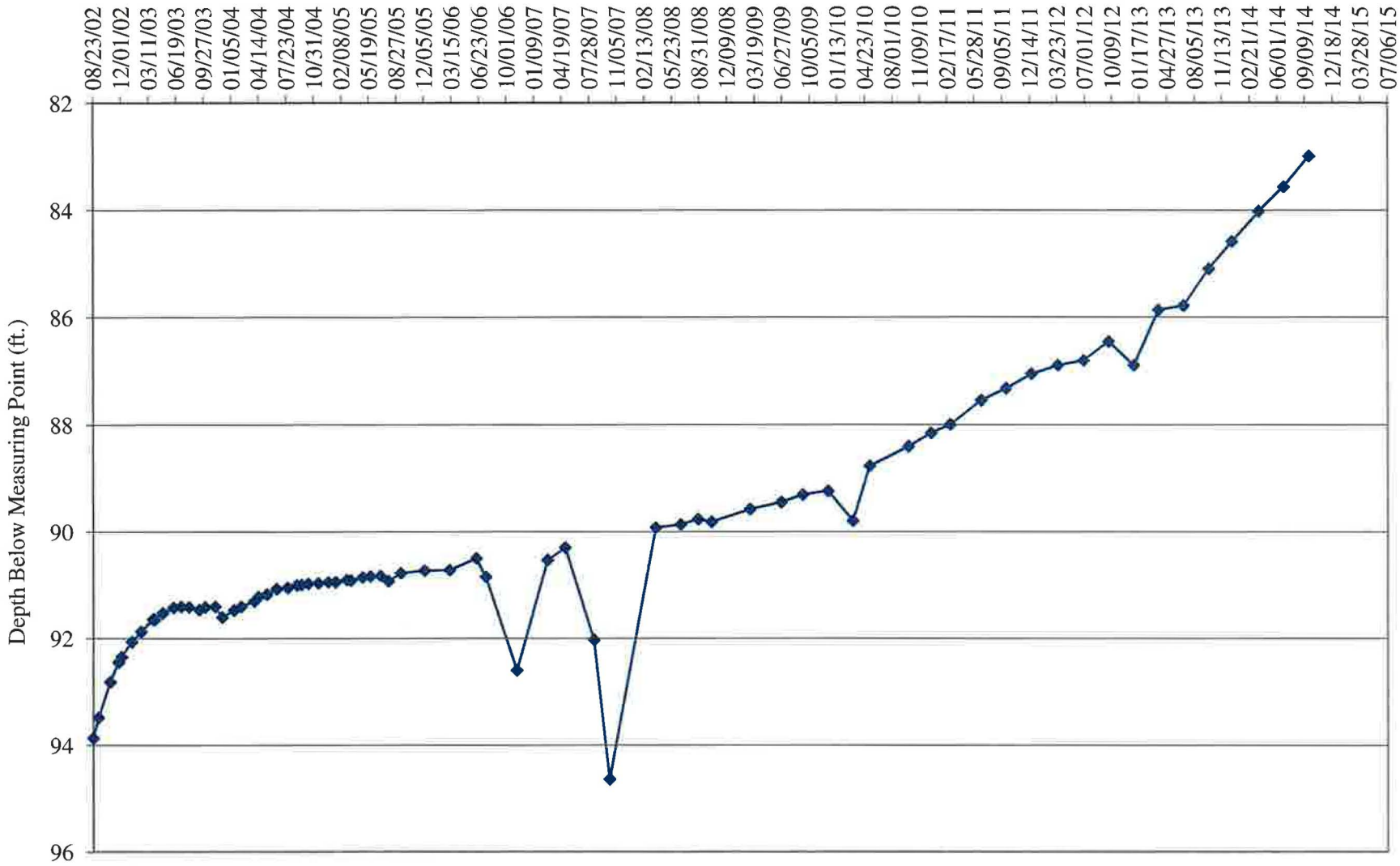
TW4-12 Water Depth Over Time (ft. blmp)

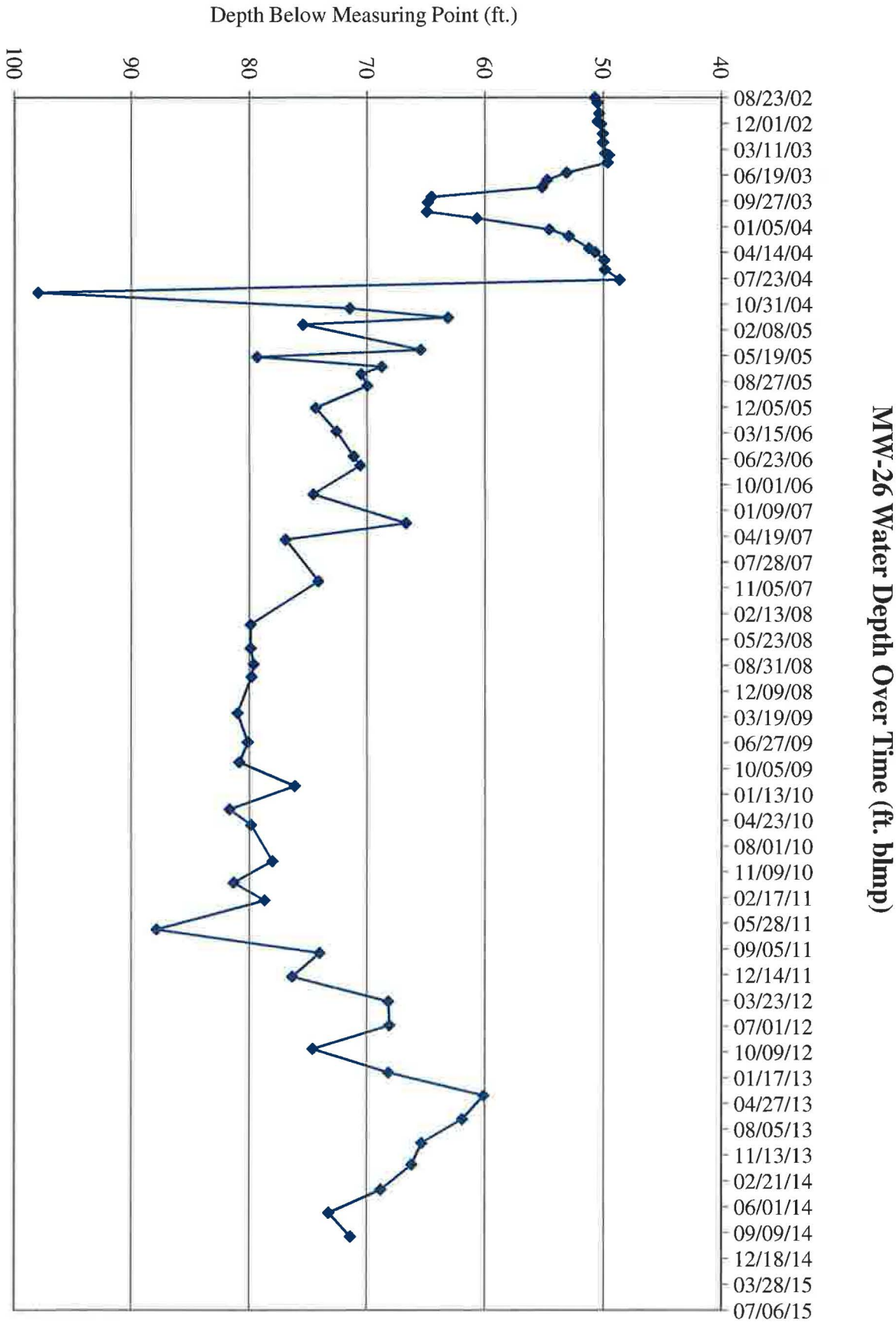


TW4-13 Water Depth Over Time (ft. blmp)



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

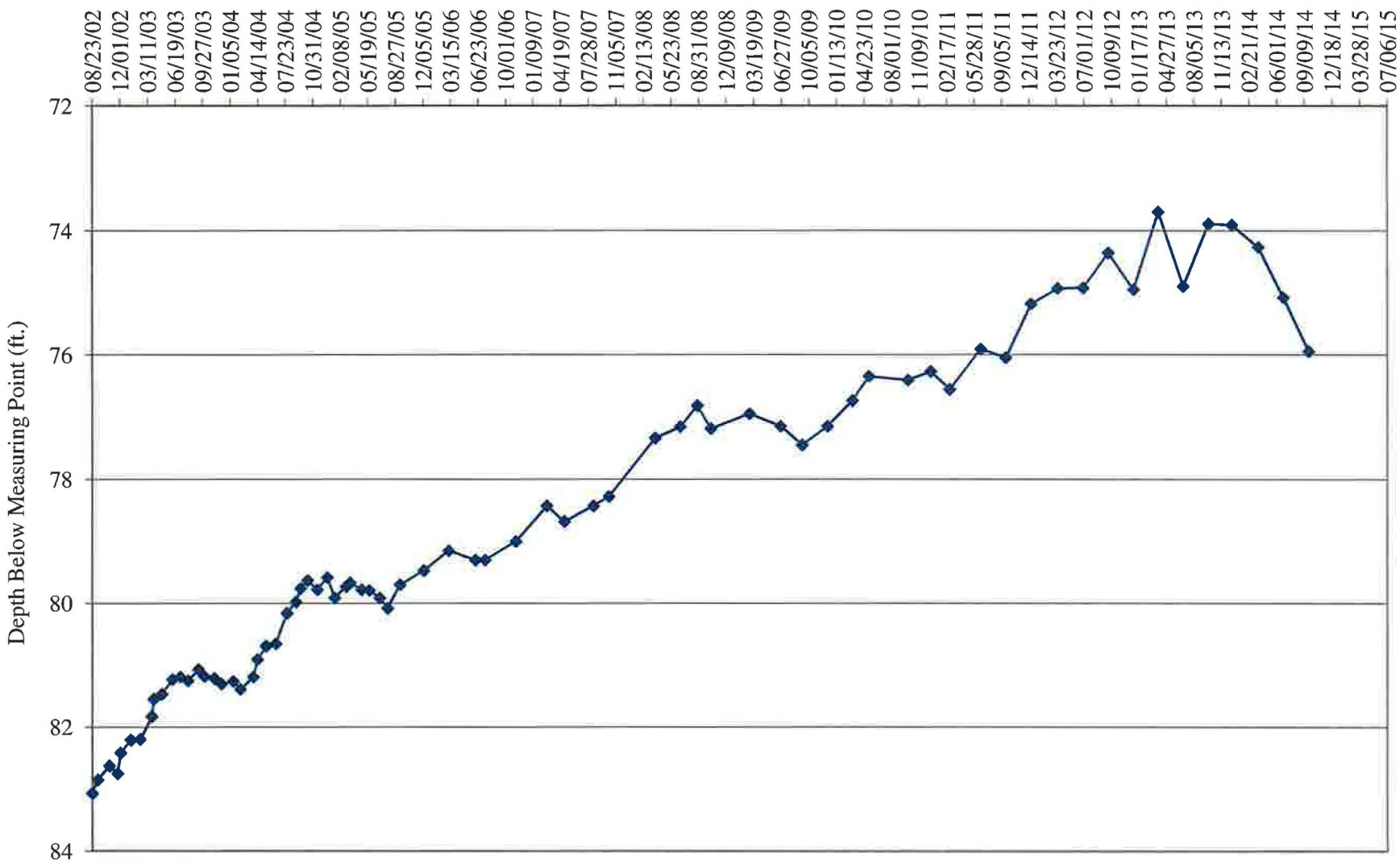




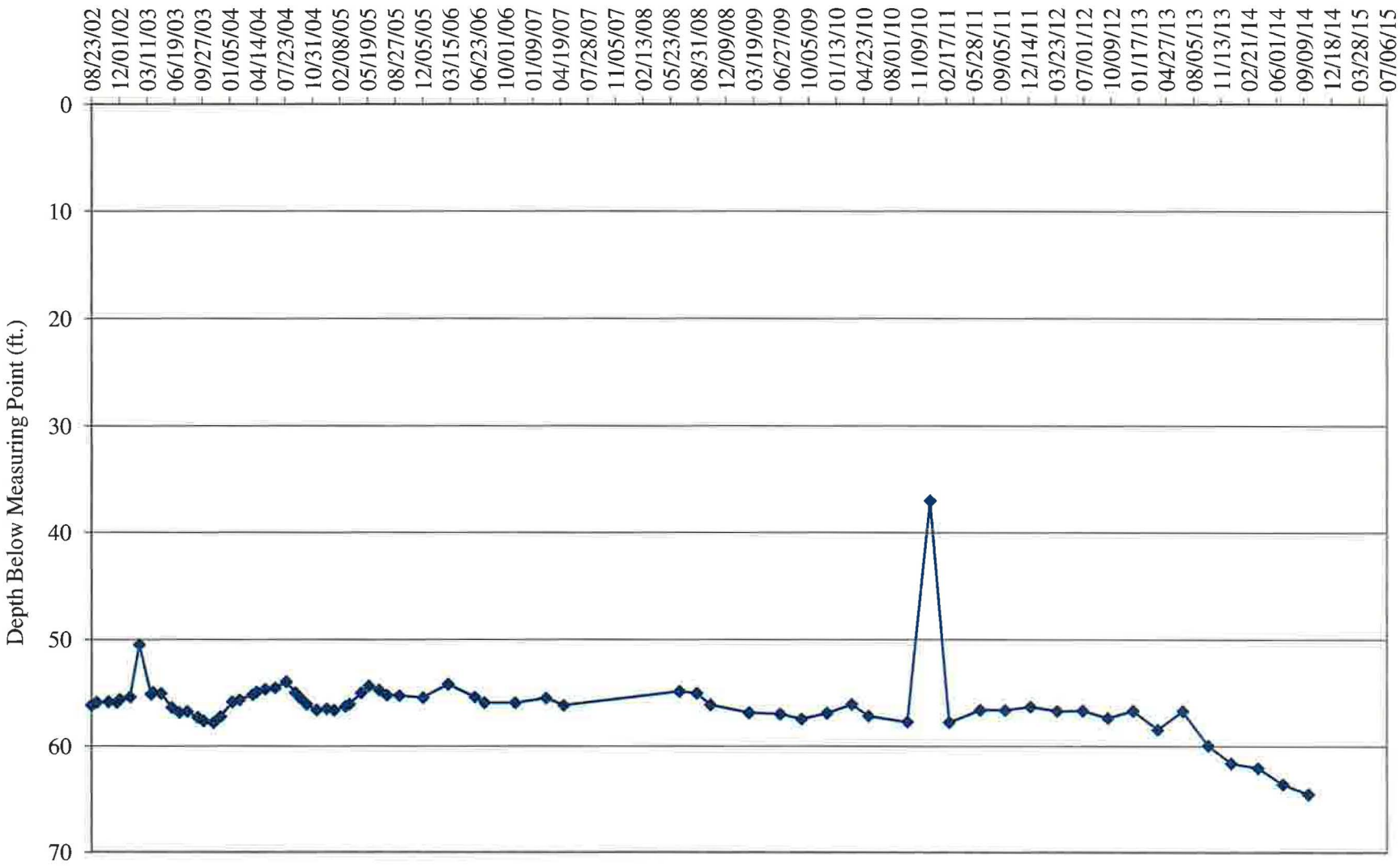
MW-26 Water Depth Over Time (ft. blmp)

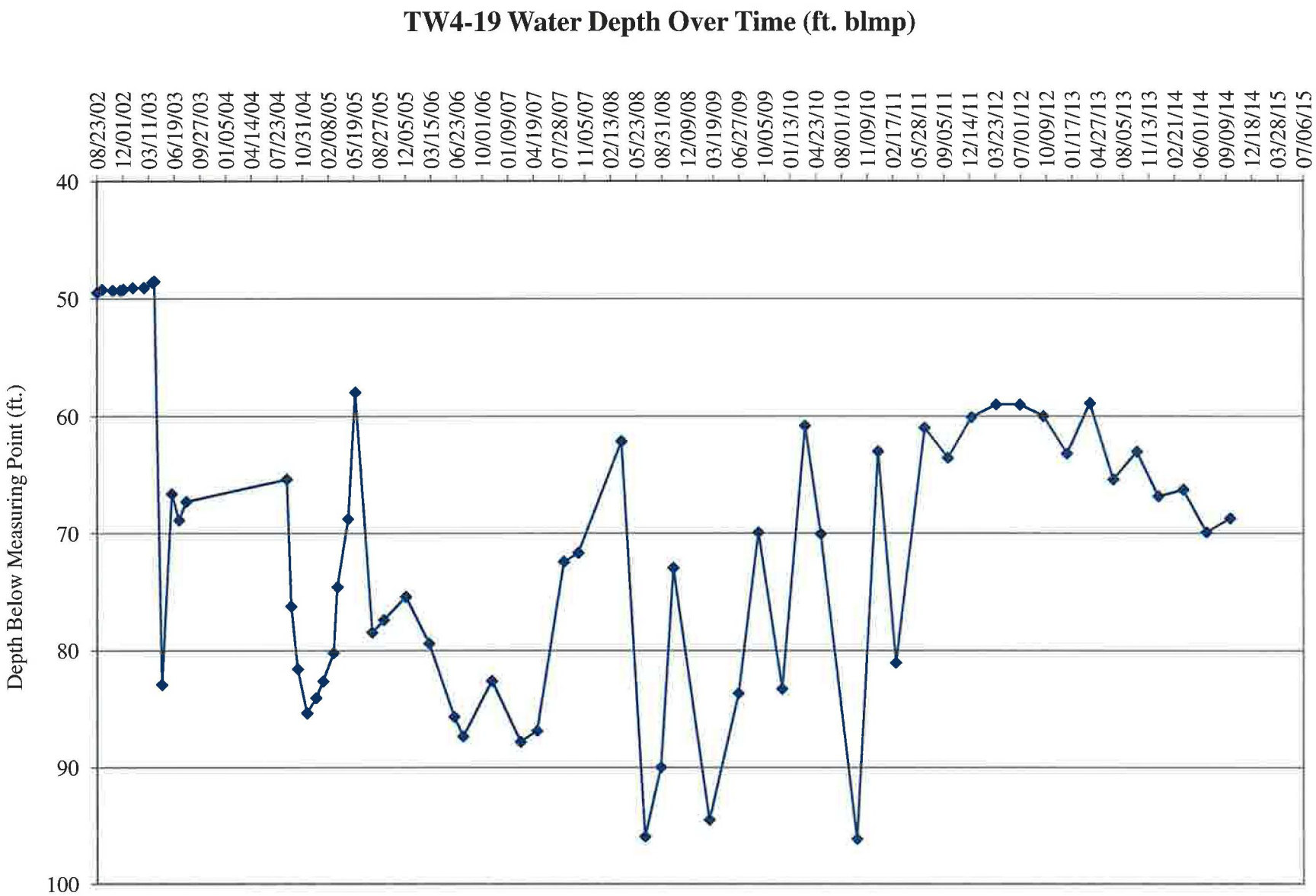
TW4-16 Water Depth Over Time (ft. blmp)

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

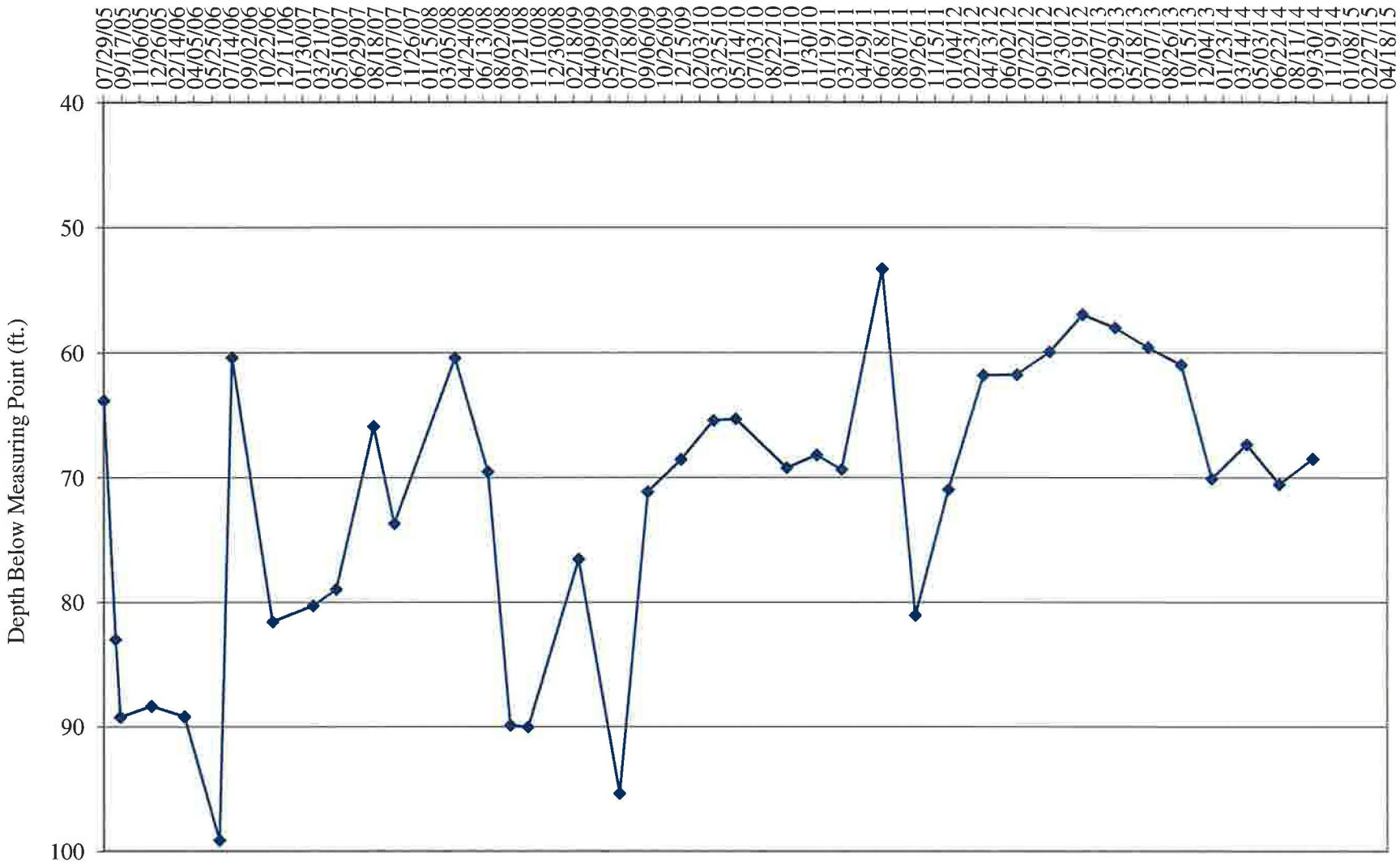


TW4-18 Water Depth Over Time (ft. blmp)

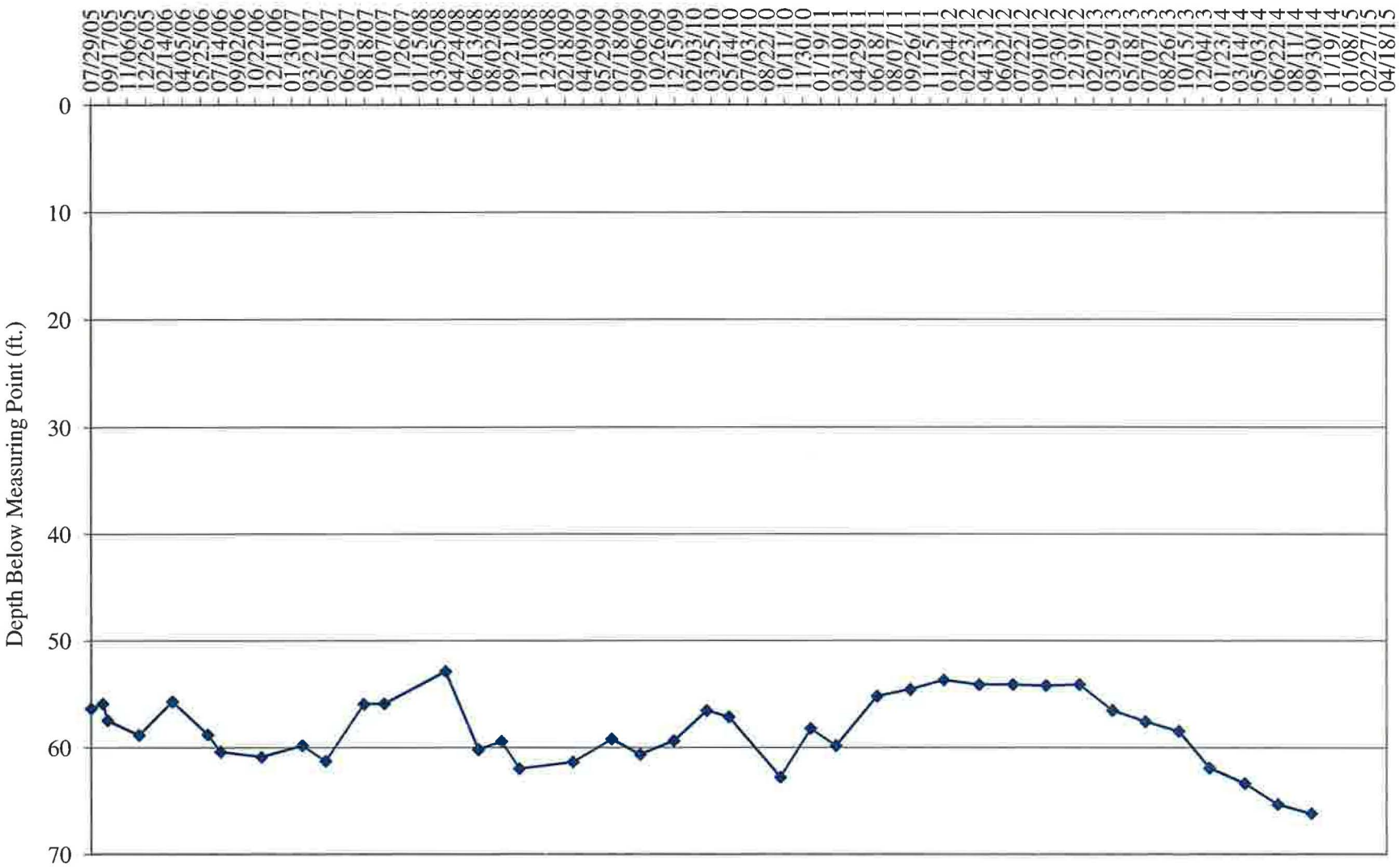



TW4-19 Water Depth Over Time (ft. blmp)
Depth Below Measuring Point (ft.)
40
50
60
70
80
90
100
08/23/02
12/01/02
03/11/03
06/19/03
09/27/03
01/05/04
04/14/04
07/23/04
10/31/04
02/08/05
05/19/05
08/27/05
12/05/05
03/15/06
06/23/06
10/01/06
01/09/07
04/19/07
07/28/07
11/05/07
02/13/08
05/23/08
08/31/08
12/09/08
03/19/09
06/27/09
10/05/09
01/13/10
04/23/10
08/01/10
11/09/10
02/17/11
05/28/11
09/05/11
12/14/11
03/23/12
07/01/12
10/09/12
01/17/13
04/27/13
08/05/13
11/13/13
02/21/14
06/01/14
09/09/14
12/18/14
03/28/15
07/06/15

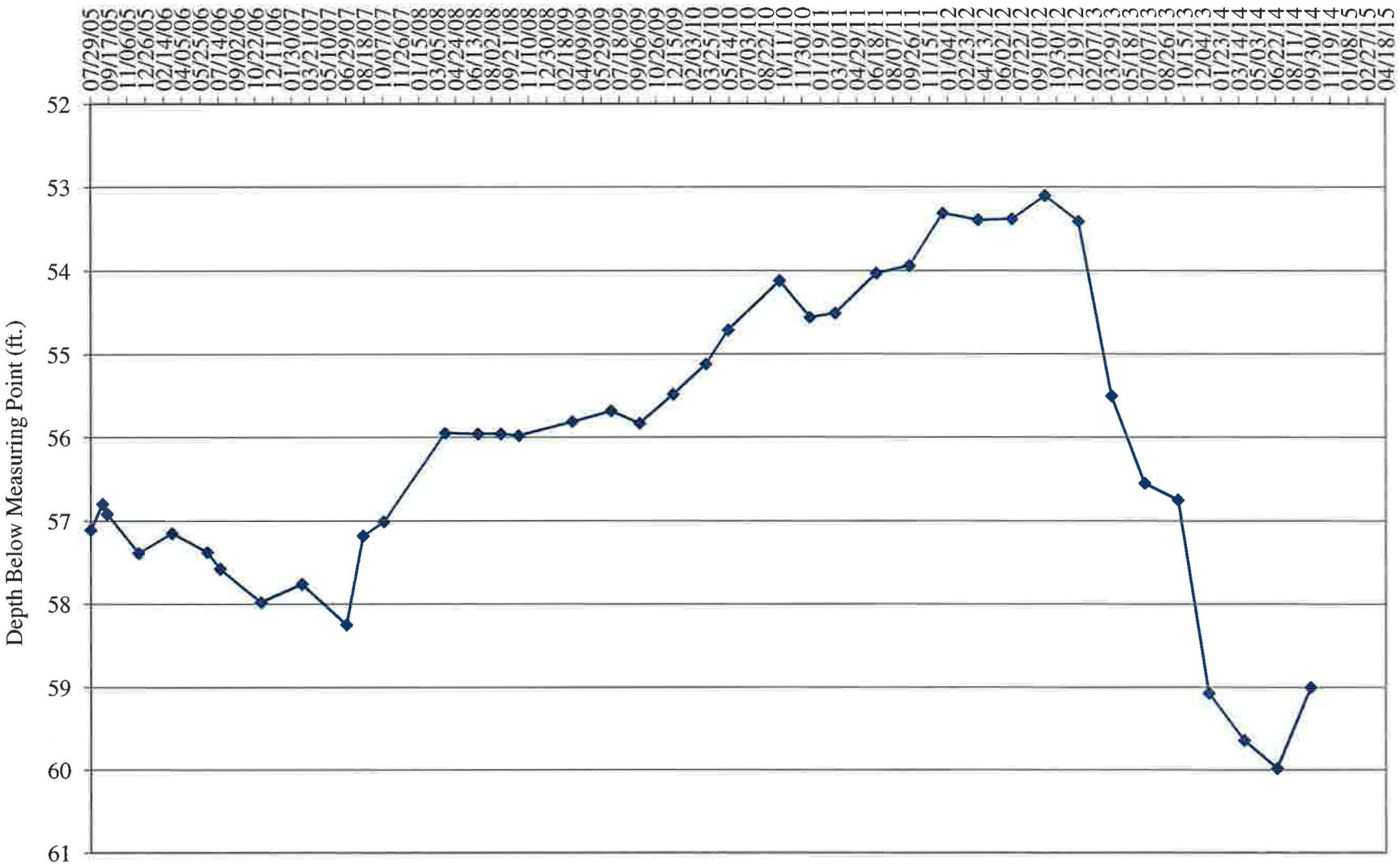
TW4-20 Water Depth Over Time (ft. blmp)



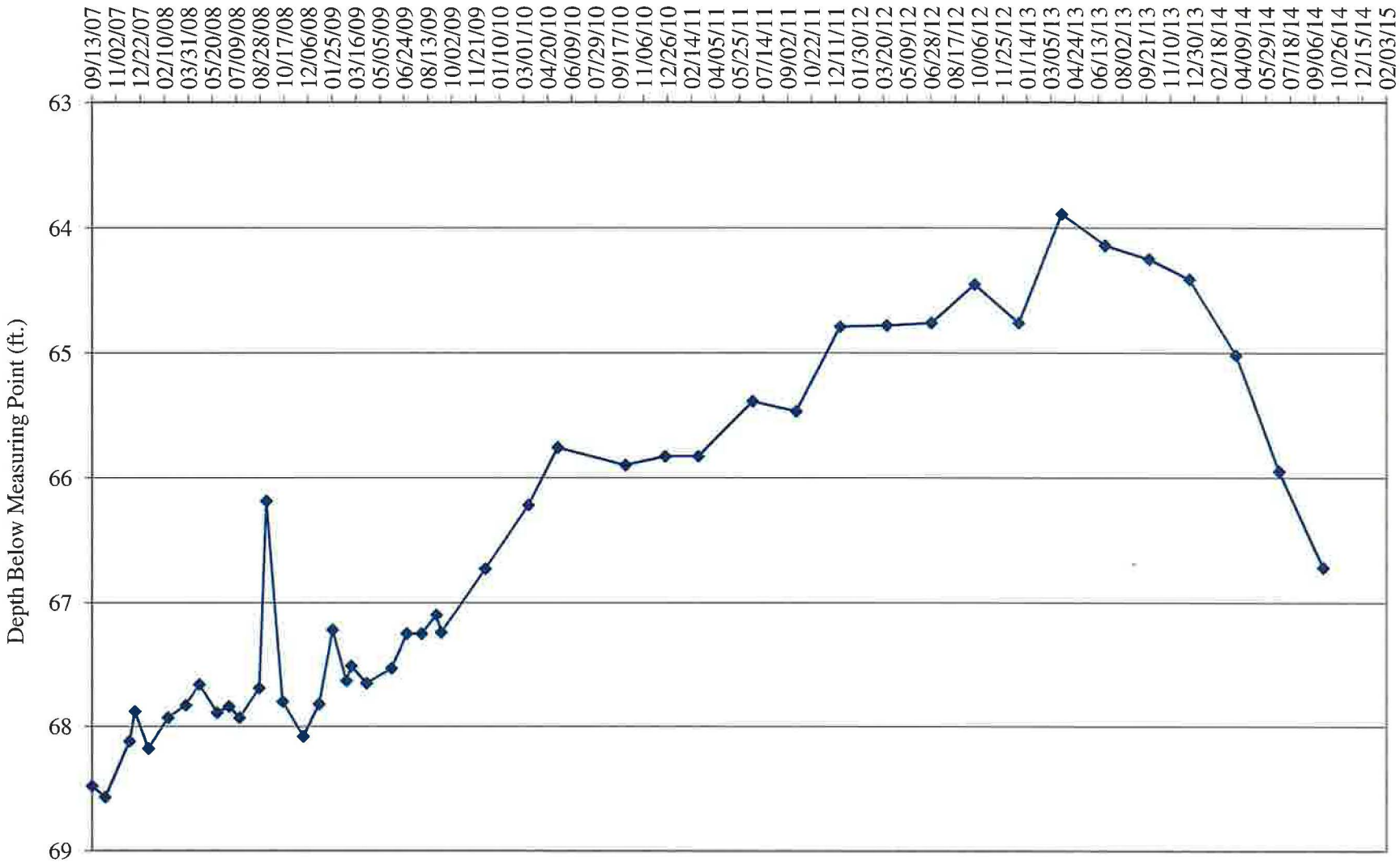
TW4-21 Water Depth Over Time (ft. blmp)



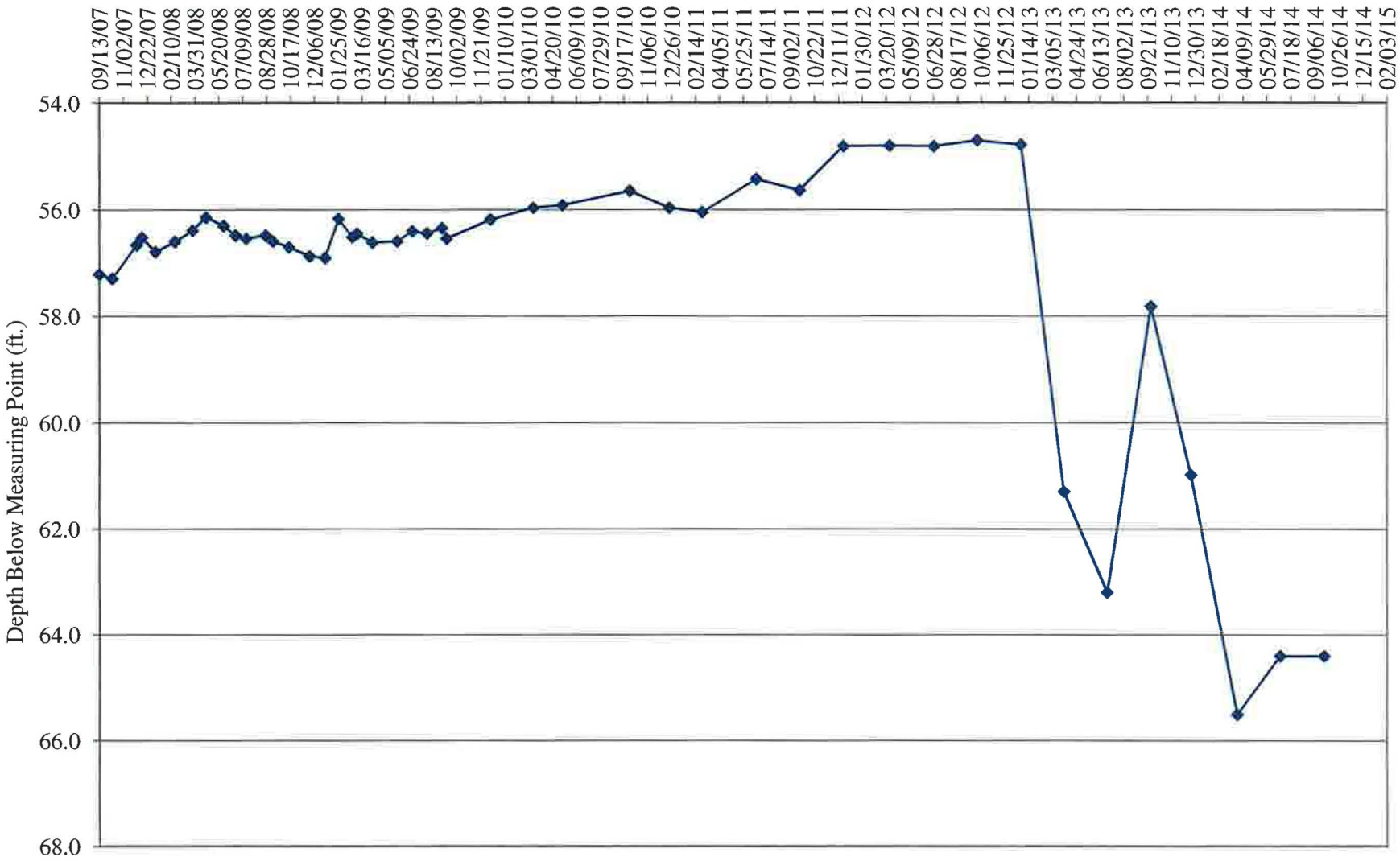
TW4-22 Water Depth Over Time (ft. blmp)



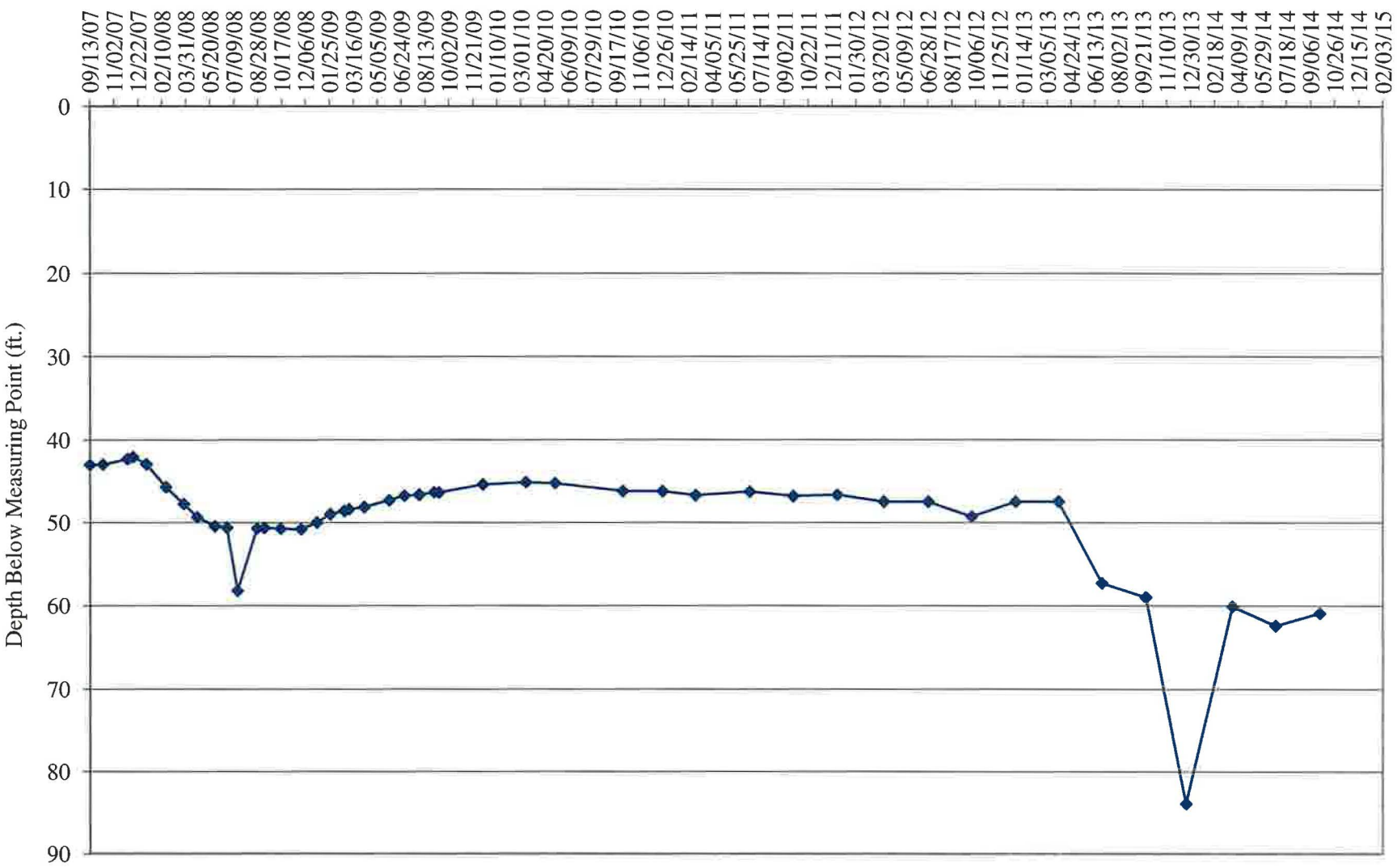
TW4-23 Water Depth Over Time (ft. blmp)

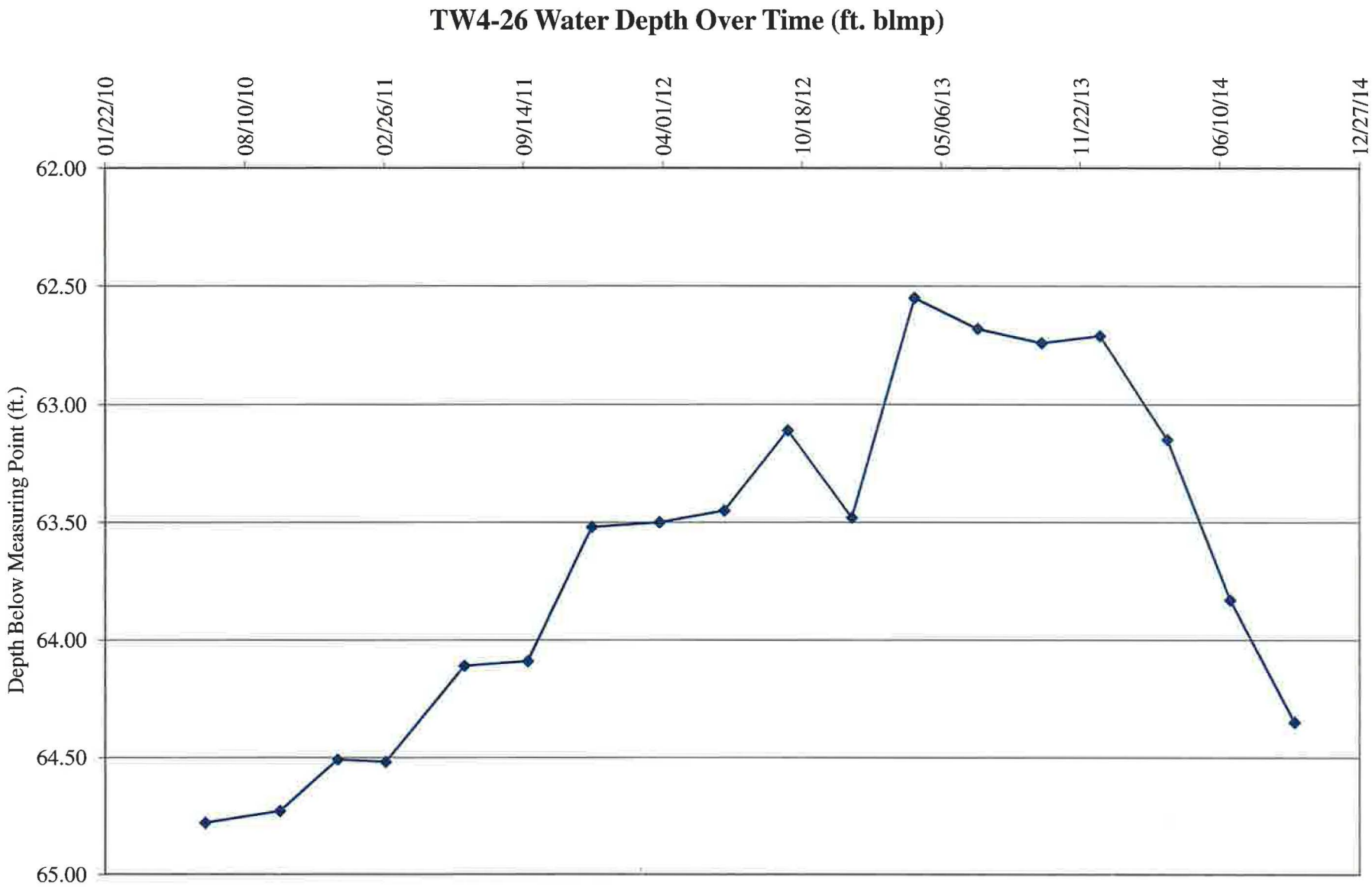


TW4-24 Water Depth Over Time (ft. blmp)

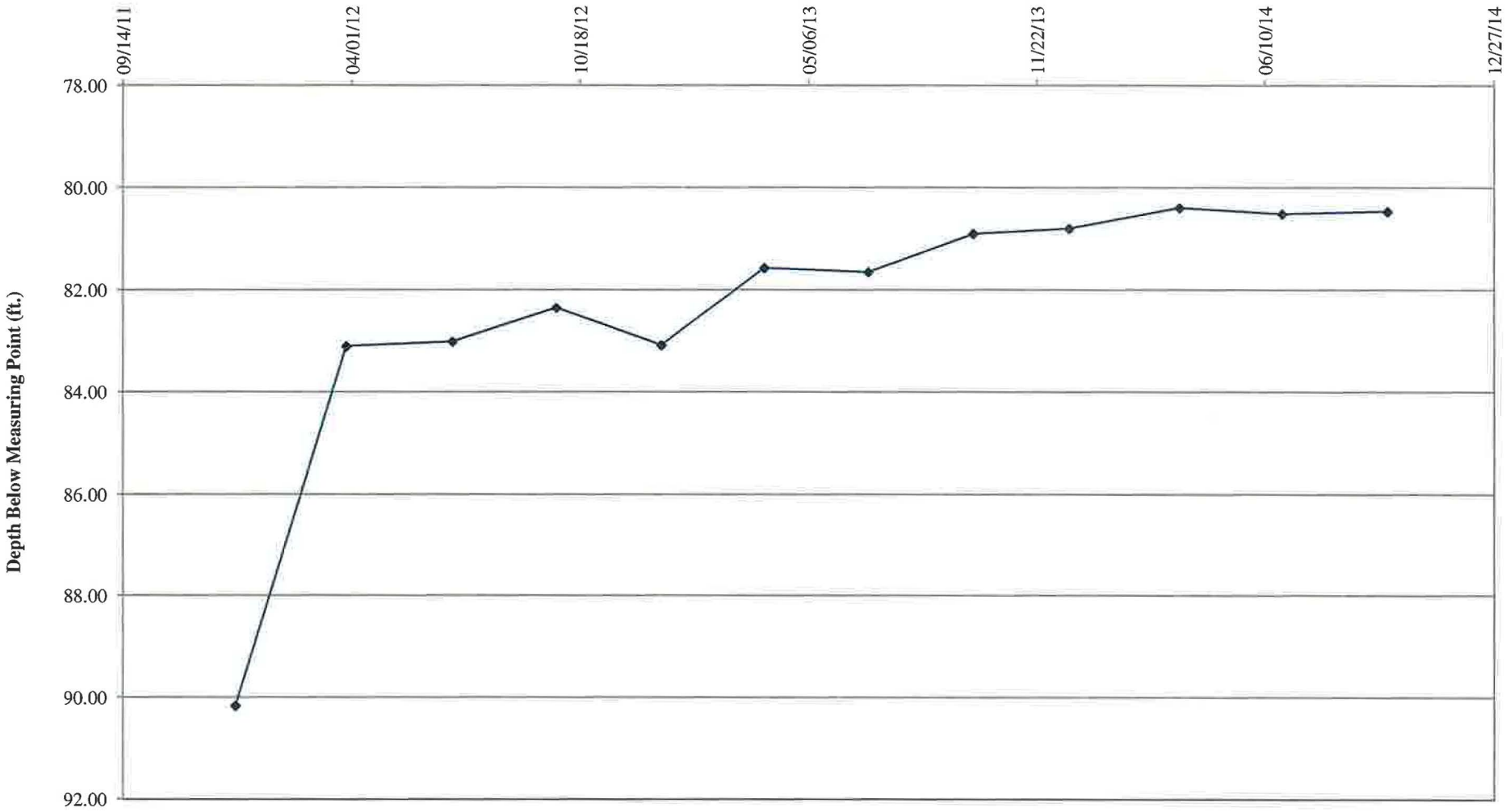


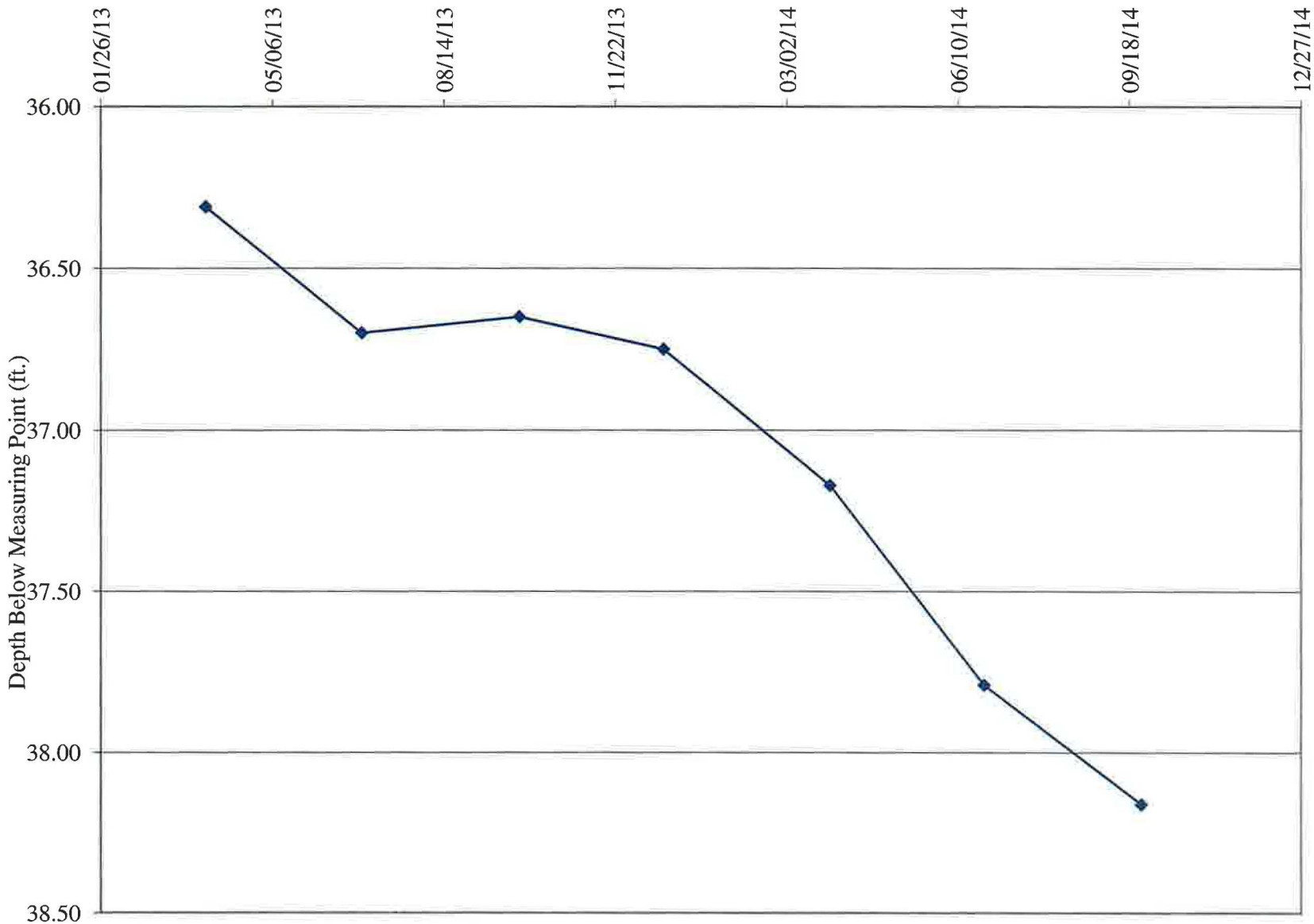
TW4-25 Water Depth Over Time (ft. blmp)



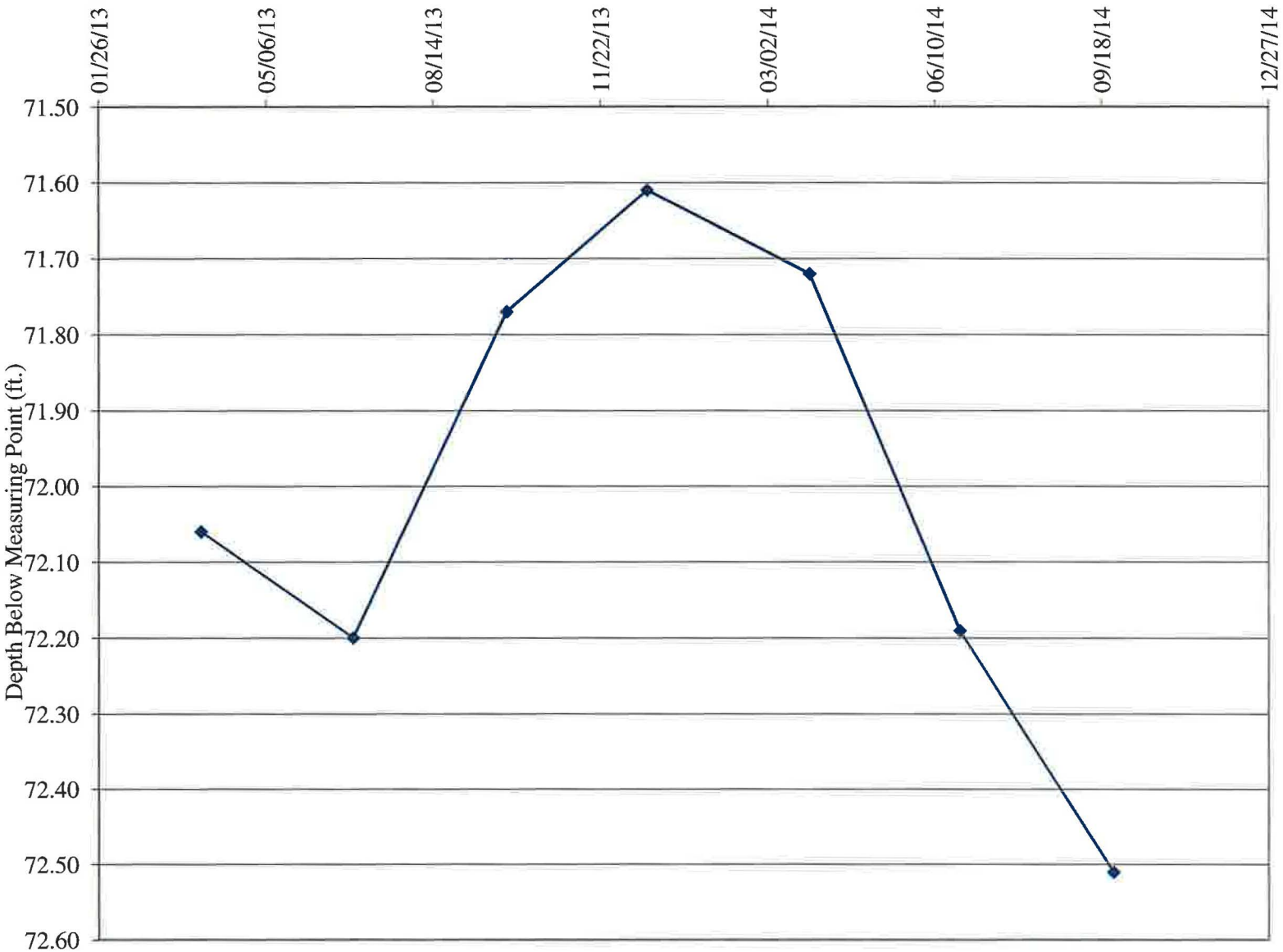

TW4-26 Water Depth Over Time (ft. blmp)
01/22/10
08/10/10
02/26/11
09/14/11
04/01/12
10/18/12
05/06/13
11/22/13
06/10/14
12/27/14
62.00
62.50
63.00
63.50
64.00
64.50
65.00
Depth Below Measuring Point (ft.)

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

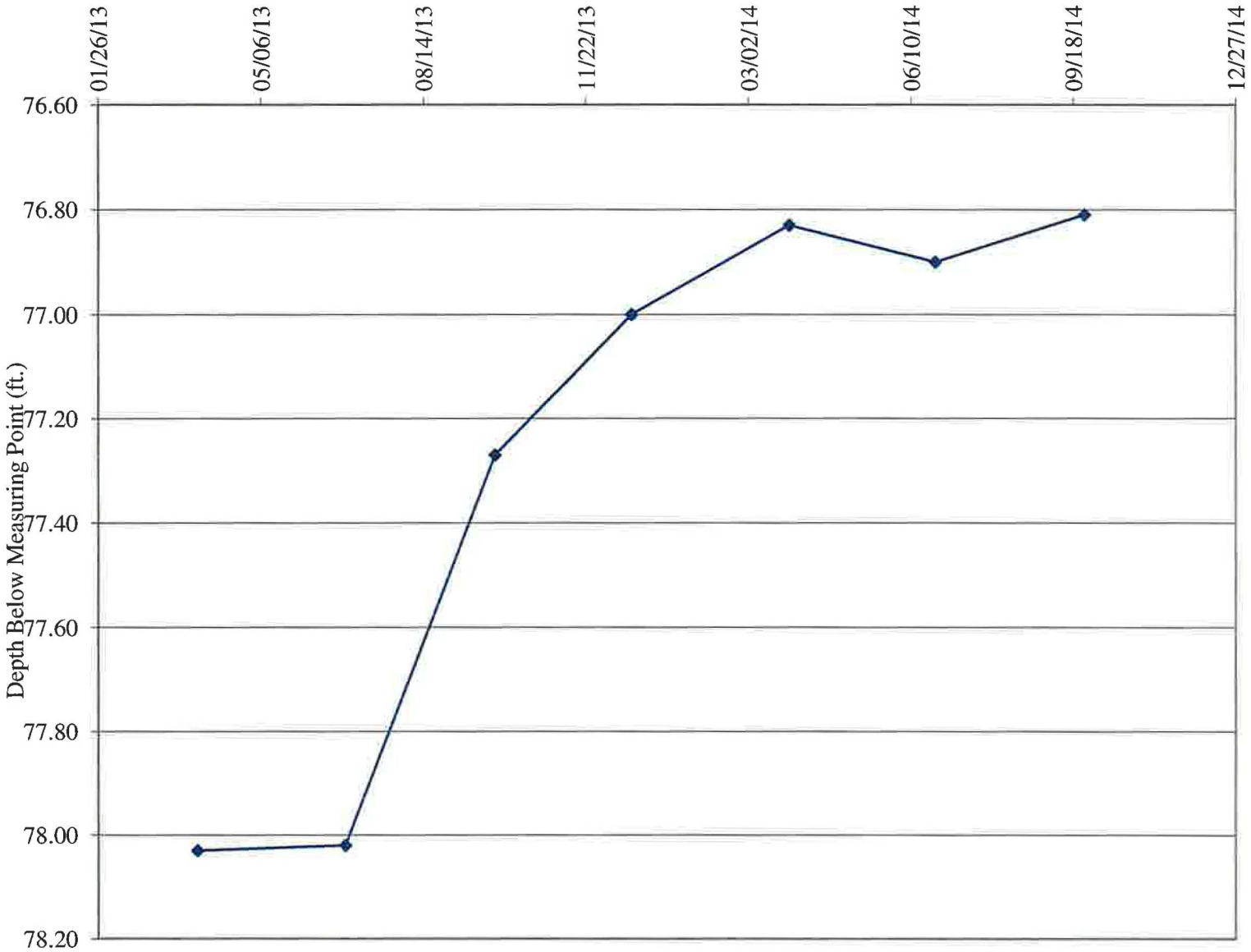


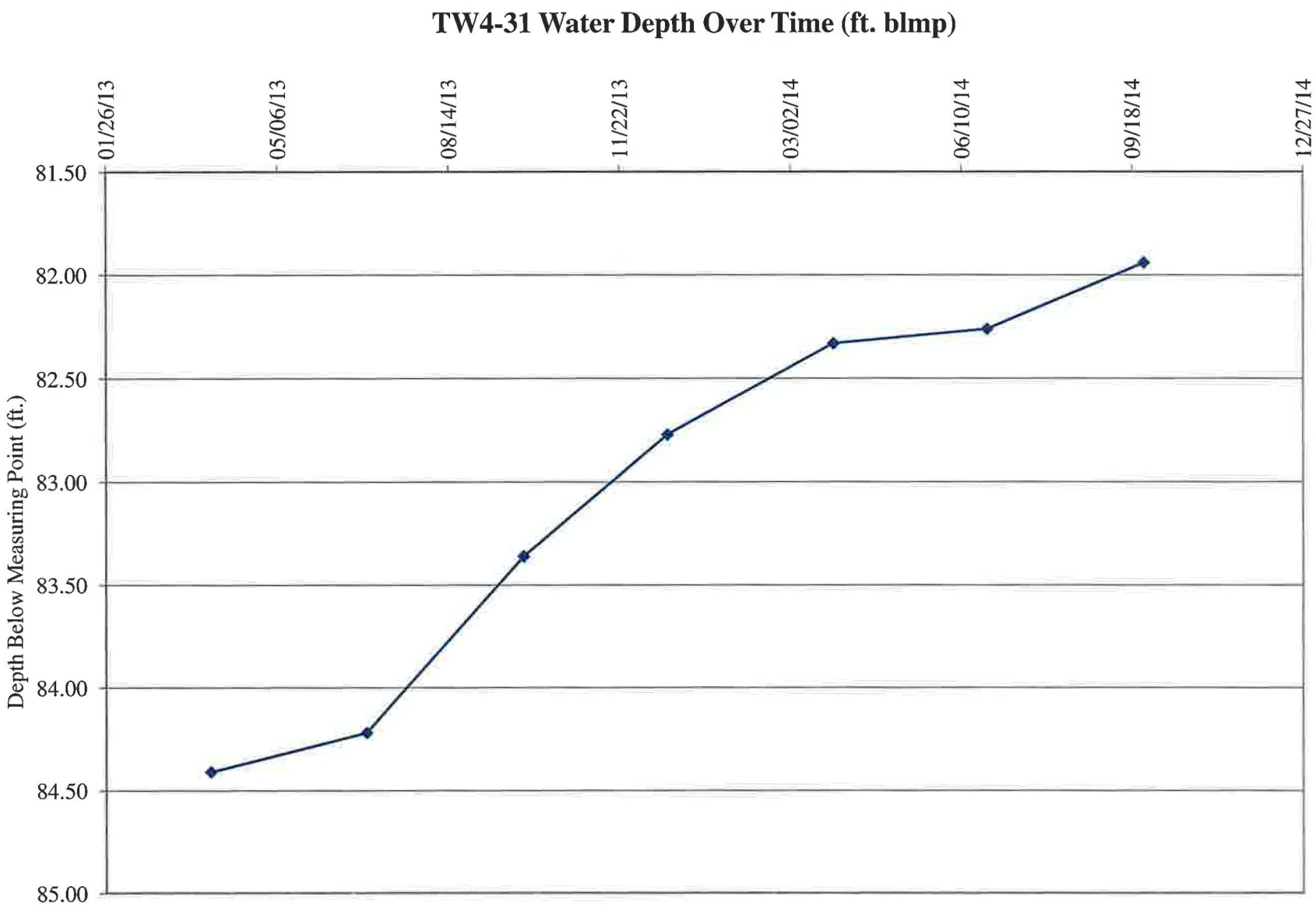

TW4-28 Water Depth Over Time (ft. blmp)
01/26/13
05/06/13
08/14/13
11/22/13
03/02/14
06/10/14
09/18/14
12/27/14
36.00
36.50
37.00
37.50
38.00
38.50
Depth Below Measuring Point (ft.)

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

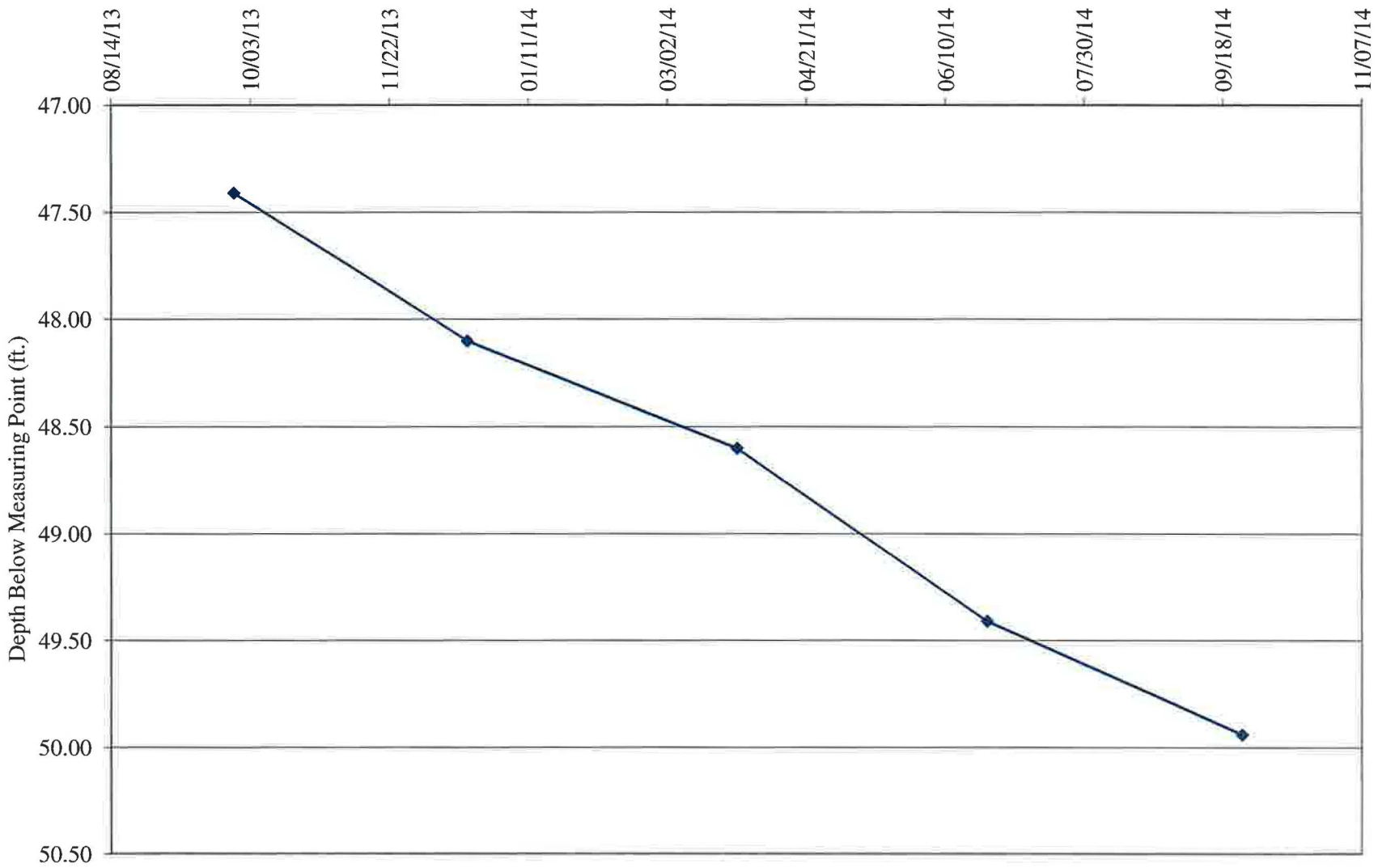


TW4-30 Water Depth Over Time (ft. blmp)

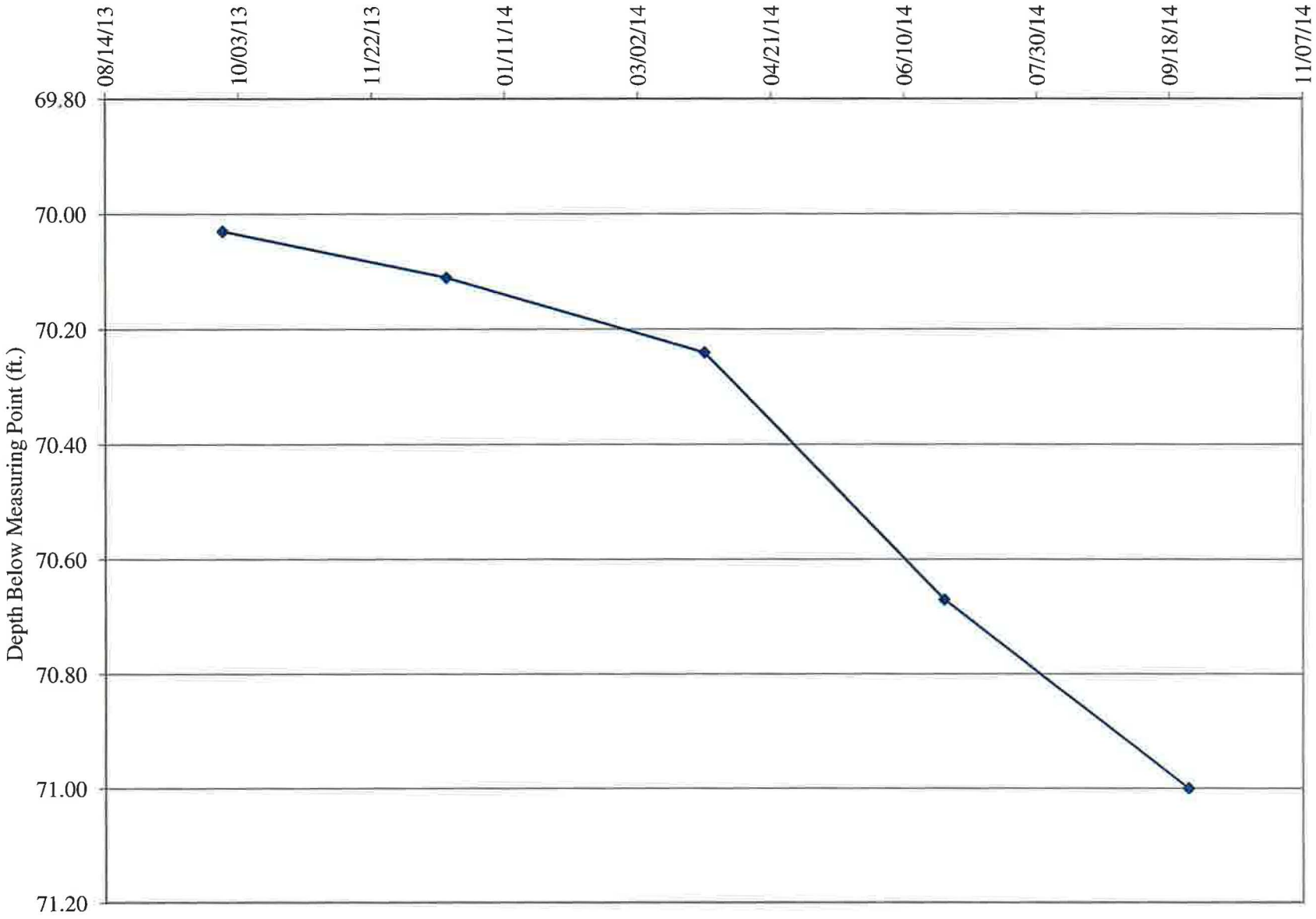


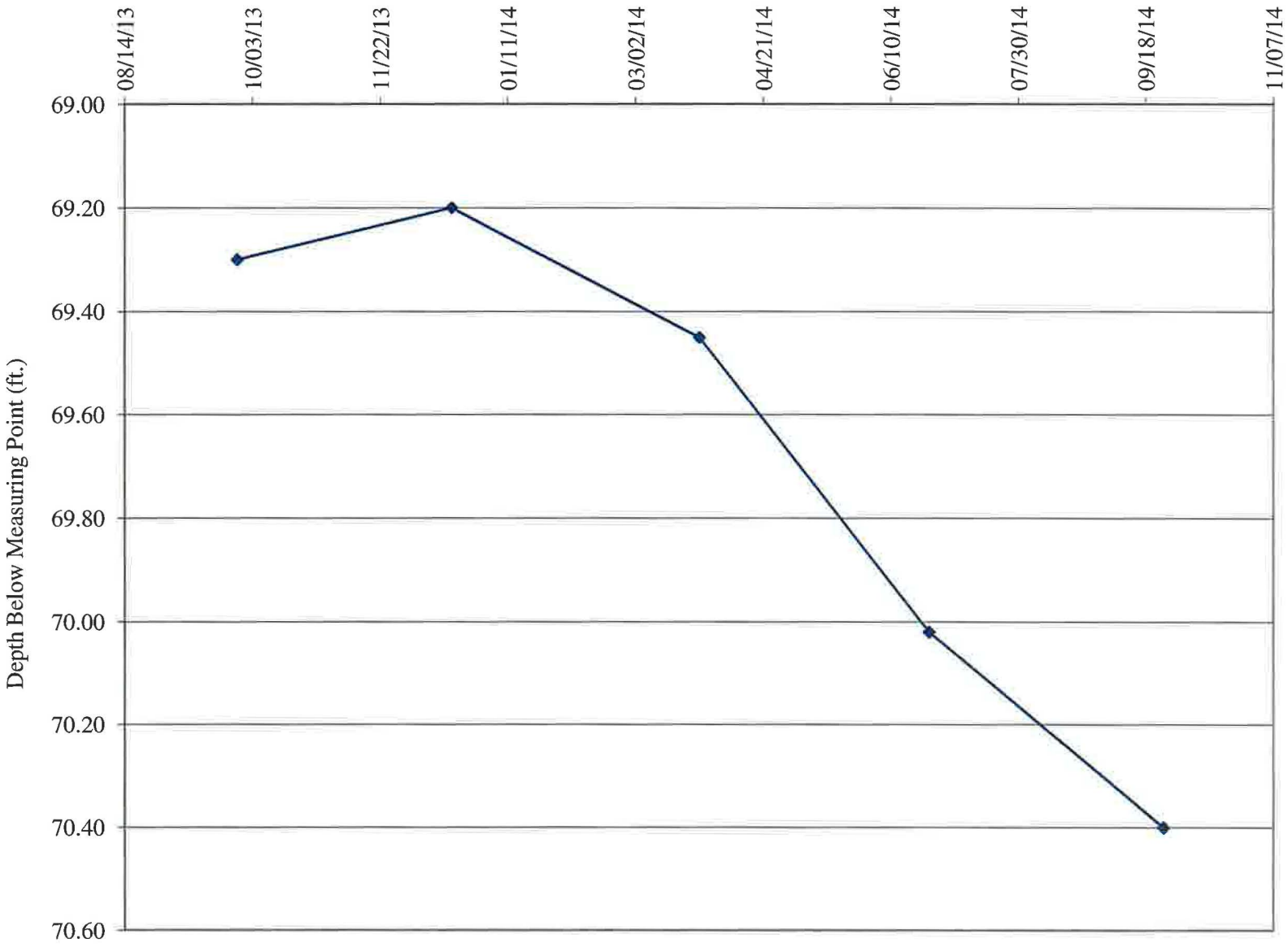

TW4-31 Water Depth Over Time (ft. blmp)
01/26/13
05/06/13
08/14/13
11/22/13
03/02/14
06/10/14
09/18/14
12/27/14
81.50
82.00
82.50
83.00
83.50
84.00
84.50
85.00
Depth Below Measuring Point (ft.)

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



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




TW4-34 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
09/18/14
11/07/14
69.00
69.20
69.40
69.60
69.80
70.00
70.20
70.40
70.60
Depth Below Measuring Point (ft.)

Tab G

Depths to Groundwater and Elevations Over Time for Chloroform Monitoring Wells

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

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

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,620.77	5,622.33	1.56				123.6
5,547.00				02/28/11	75.33	73.77	
5,557.54				06/21/11	64.79	63.23	
5,551.14				09/20/11	71.19	69.63	
5,550.32				12/21/11	72.01	70.45	
5,551.22				03/27/12	71.11	69.55	
5,551.29				06/28/12	71.04	69.48	
5,550.29				09/27/12	72.04	70.48	
5,549.31				12/28/12	73.02	71.46	
5,552.30				03/28/13	70.03	68.47	
5,550.18				06/27/13	72.15	70.59	
5,552.55				09/27/13	69.78	68.22	
5,553.23				12/20/13	69.10	67.54	
5,551.91				03/27/14	70.42	68.86	
5,552.93				06/25/14	69.40	67.84	
5,552.23				09/25/14	70.10	68.54	

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
z	5,620.77	5,618.58	1.02				111.04
5,553.92				12/20/13	64.66	63.64	
5,553.20				03/27/14	65.38	64.36	
5,552.20				06/25/14	66.38	65.36	
5,551.13				09/25/14	67.45	66.43	

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

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

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

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

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

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

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.10	5,624.72	1.62				121.125
5,558.92				03/27/14	65.8	64.18	
5,557.99				06/25/14	66.73	65.11	
5,557.09				09/25/14	67.63	66.01	

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	
5,577.59				09/25/14	54.64	53.62	

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	
5,543.67				09/25/14	69.82	68.64	

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

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

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

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

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

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

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,638.75	5,640.70	1.95				121.75
5,577.15				09/25/14	63.55	61.60	

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

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

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

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

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

Water Elevation (z)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,607.33	5,608.78	1.450				98.55
5,535.87				10/14/08	72.91	71.46	
5,536.42				03/10/09	72.36	70.91	
5,536.71				06/24/09	72.07	70.62	
5,536.83				09/10/09	71.95	70.50	
5,537.35				12/11/09	71.43	69.98	
5,537.93				03/11/10	70.85	69.40	
5,538.14				05/11/10	70.64	69.19	
5,538.03				09/29/10	70.75	69.30	
5,538.04				12/21/10	70.74	69.29	
5,537.98				02/28/11	70.8	69.35	
5,538.46				06/21/11	70.32	68.87	
5,538.37				09/20/11	70.41	68.96	
5,538.87				12/21/11	69.91	68.46	
5,538.73				03/27/12	70.05	68.60	
5,538.80				06/28/12	69.98	68.53	
5,539.04				09/27/12	69.74	68.29	
5,538.74				12/28/12	70.04	68.59	
5,539.53				03/28/13	69.25	67.80	
5,539.46				06/27/13	69.32	67.87	
5,539.62				09/27/13	69.16	67.71	
5,539.85				12/20/13	68.93	67.48	
5,539.65				03/27/14	69.13	67.68	
5,538.85				06/25/14	69.93	68.48	
5,538.69				09/25/14	70.09	68.64	

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well (blw.LSD)
	5,619.87	5,621.07	1.20				119.8
5,556.23				03/28/13	64.84	63.64	
5,556.04				06/27/13	65.03	63.83	
5,556.09				09/27/13	64.98	63.78	
5,555.80				12/20/13	65.27	64.07	
5,555.40				03/27/14	65.67	64.47	
5,554.20				06/25/14	66.87	65.67	
5,552.96				09/25/14	68.11	66.91	

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,616.80	5,621.40	4.60				126.00
5,555.56				06/25/14	65.84	61.24	
5,554.82				09/25/14	66.58	61.98	

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

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

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

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

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,636.11	5,637.59	1.48				121.33
5,577.24				06/25/14	60.35	58.87	
5,576.24				09/25/14	61.35	59.87	

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	
5,573.19				09/25/14	61.05	58.80	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,621.92	5,623.62	1.70				100
5,553.86				09/12/05	69.76	68.06	
5,555.30				12/07/05	68.32	66.62	
5,556.20				03/08/06	67.42	65.72	
5,556.48				06/14/06	67.14	65.44	
5,556.37				07/18/06	67.25	65.55	
5,556.94				11/07/06	66.68	64.98	
5557.92				02/27/07	65.70	64	
5,557.84				05/02/07	65.78	64.08	
5,558.02				08/15/07	65.60	63.90	
5,557.13				10/10/07	66.49	64.79	
5,569.74				03/26/08	53.88	52.18	
5,561.01				06/24/08	62.61	60.91	
5,562.07				08/26/08	61.55	59.85	
5,562.47				10/14/08	61.15	59.45	
5,563.80				03/10/09	59.82	58.12	
5,564.27				06/24/09	59.35	57.65	
5,564.32				09/10/09	59.30	57.60	
5,564.70				12/11/09	58.92	57.22	
5,565.14				03/11/10	58.48	56.78	
5,565.61				05/11/10	58.01	56.31	
5,565.67				09/29/10	57.95	56.25	
5,565.62				12/21/10	58.00	56.30	
5,565.42				02/28/11	58.20	56.50	
5,566.01				06/21/11	57.61	55.91	
5,566.03				09/20/11	57.59	55.89	
5,566.63				12/21/11	56.99	55.29	
5,565.81				03/27/12	57.81	56.11	
5,565.82				06/28/12	57.80	56.10	
5,566.66				09/27/12	56.96	55.26	
5,565.77				12/28/12	57.85	56.15	
5,566.89				03/28/13	56.73	55.03	
5,566.32				06/27/13	57.30	55.60	
5,565.92				09/27/13	57.70	56.00	
5,565.63				12/20/13	57.99	56.29	
5,565.03				03/27/14	58.59	56.89	
5,564.18				06/25/14	59.44	57.74	
5,563.52				09/25/14	60.10	58.40	

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	43.20	41.35	
5,580.49				09/25/14	43.74	41.89	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,618.09	5,619.94	1.85				102.5
5,570.63				05/02/07	49.31	47.46	
5,565.24				08/14/07	54.70	52.85	
5,565.83				10/10/07	54.11	52.26	
5,569.29				03/26/08	50.65	48.80	
5,570.00				06/24/08	49.94	48.09	
5,570.41				08/26/08	49.53	47.68	
5,570.64				10/14/08	49.30	47.45	
5,570.43				03/03/09	49.51	47.66	
5,570.56				06/24/09	49.38	47.53	
5,570.42				09/10/09	49.52	47.67	
5,571.15				12/11/09	48.79	46.94	
5,572.01				03/11/10	47.93	46.08	
5,572.88				05/11/10	47.06	45.21	
5,573.17				09/29/10	46.77	44.92	
5,573.14				12/21/10	46.80	44.95	
5,573.10				02/28/11	46.84	44.99	
5,573.75				06/21/11	46.19	44.34	
5,573.63				09/20/11	46.31	44.46	
5,573.94				12/21/11	46.00	44.15	
5,572.79				03/27/12	47.15	45.30	
5,572.77				06/28/12	47.17	45.32	
5,573.04				09/27/12	46.90	45.05	
5,572.79				12/28/12	47.15	45.30	
5,573.03				03/28/13	46.91	45.06	
5,572.44				06/27/13	47.50	45.65	
5,573.46				09/27/13	46.48	44.63	
5,573.46				12/20/13	46.48	44.63	
5,572.90				03/27/14	47.04	45.19	
5,571.79				06/25/14	48.15	46.30	
5,571.04				09/25/14	48.90	47.05	

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	
5,529.78				09/25/14	82.99	81.14	

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	
5,554.05				09/25/14	71.40	70.10	

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	
5,558.36				09/25/14	65.66	63.83	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,623.41	5,625.24	1.83				130.6
5546.56				05/02/07	78.68	76.85	
5546.81				08/15/07	78.43	76.6	
5546.96				10/10/07	78.28	76.45	
5547.9				03/26/08	77.34	75.51	
5548.08				06/25/08	77.16	75.33	
5548.42				08/26/08	76.82	74.99	
5548.05				10/14/08	77.19	75.36	
5548.29				03/03/09	76.95	75.12	
5548.09				06/24/09	77.15	75.32	
5547.79				09/10/09	77.45	75.62	
5548.09				12/11/09	77.15	75.32	
5,548.50				03/11/10	76.74	74.91	
5,548.89				05/11/10	76.35	74.52	
5,548.83				09/29/10	76.41	74.58	
5,548.97				12/21/10	76.27	74.44	
5,548.68				02/28/11	76.56	74.73	
5,549.33				06/21/11	75.91	74.08	
5,549.19				09/20/11	76.05	74.22	
5,550.06				12/21/11	75.18	73.35	
5,550.31				03/27/12	74.93	73.10	
5,550.32				06/28/12	74.92	73.09	
5,550.88				09/27/12	74.36	72.53	
5,550.29				12/28/12	74.95	73.12	
5,551.54				03/28/13	73.70	71.87	
5,550.34				06/27/13	74.90	73.07	
5,551.35				09/27/13	73.89	72.06	
5,551.33				12/20/13	73.91	72.08	
5,550.97				03/27/14	74.27	72.44	
5,550.16				06/25/14	75.08	73.25	
5,549.29				09/25/14	75.95	74.12	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,639.13	5,641.28	2.15				137.5
5585.15				05/02/07	56.13	53.98	
5586.47				06/24/08	54.81	52.66	
5586.3				08/26/08	54.98	52.83	
5585.21				10/14/08	56.07	53.92	
5584.47				03/03/09	56.81	54.66	
5584.35				06/24/09	56.93	54.78	
5583.88				09/10/09	57.4	55.25	
5584.43				12/11/09	56.85	54.70	
5,585.26				03/11/10	56.02	53.87	
5,584.17				05/11/10	57.11	54.96	
5,583.61				09/29/10	57.67	55.52	
5,604.29				12/21/10	36.99	34.84	
5,583.56				02/28/11	57.72	55.57	
5,584.73				06/21/11	56.55	54.40	
5,584.71				09/20/11	56.57	54.42	
5,585.03				12/21/11	56.25	54.10	
5,584.63				03/27/12	56.65	54.50	
5,584.67				06/28/12	56.61	54.46	
5,583.98				09/27/12	57.30	55.15	
5,584.65				12/28/12	56.63	54.48	
5,582.88				03/28/13	58.40	56.25	
5,584.63				06/27/13	56.65	54.50	
5,581.38				09/27/13	59.90	57.75	
5,579.71				12/20/13	61.57	59.42	
5,579.26				03/27/14	62.02	59.87	
5,577.73				06/25/14	63.55	61.40	
5,576.79				09/25/14	64.49	62.34	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,629.53	5,631.39	1.86				121.33
5,561.35				05/11/10	70.04	68.18	
5,535.26				09/29/10	96.13	94.27	
5,568.40				12/21/10	62.99	61.13	
5,550.36				02/28/11	81.03	79.17	
5,570.41				06/21/11	60.98	59.12	
5,567.84				09/20/11	63.55	61.69	
5,571.32				12/21/11	60.07	58.21	
5,572.40				03/27/12	58.99	57.13	
5,572.39				06/28/12	59.00	57.14	
5,571.40				09/27/12	59.99	58.13	
5,568.21				12/28/12	63.18	61.32	
5,572.51				03/28/13	58.88	57.02	
5,566.00				06/27/13	65.39	63.53	
5,568.37				09/27/13	63.02	61.16	
5,564.55				12/20/13	66.84	64.98	
5,565.11				03/27/14	66.28	64.42	
5,561.49				06/25/14	69.90	68.04	
5,562.67				09/25/14	68.72	66.86	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,628.52	5,629.53	1.01				106.0
5,565.70				07/29/05	63.83	62.82	
5,546.53				08/30/05	83.00	81.99	
5,540.29				09/12/05	89.24	88.23	
5,541.17				12/07/05	88.36	87.35	
5,540.33				03/08/06	89.20	88.19	
5,530.43				06/13/06	99.10	98.09	
5,569.13				07/18/06	60.40	59.39	
5,547.95				11/07/06	81.58	80.57	
5,549.25				02/27/07	80.28	79.27	
5,550.58				05/02/07	78.95	77.94	
5,563.60				08/14/07	65.93	64.92	
5,555.85				10/10/07	73.68	72.67	
5,569.10				03/26/08	60.43	59.42	
5,560.00				06/25/08	69.53	68.52	
5,539.64				08/26/08	89.89	88.88	
5,539.51				10/14/08	90.02	89.01	
5,553.00				03/03/09	76.53	75.52	
5,534.18				06/24/09	95.35	94.34	
5,558.39				09/10/09	71.14	70.13	
5,560.99				12/11/09	68.54	67.53	
5,564.09				03/11/10	65.44	64.43	
5,564.22				05/11/10	65.31	64.30	
5,560.33				09/29/10	69.20	68.19	
5,561.35				12/21/10	68.18	67.17	
5,560.18				02/28/11	69.35	68.34	
5,576.23				06/21/11	53.30	52.29	
5,548.50				09/20/11	81.03	80.02	
5,558.58				12/21/11	70.95	69.94	
5,567.73				03/27/12	61.80	60.79	
5,567.77				06/28/12	61.76	60.75	
5,569.58				09/27/12	59.95	58.94	
5,572.58				12/28/12	56.95	55.94	
5,571.52				03/28/13	58.01	57.00	
5,569.93				06/27/13	59.60	58.59	
5,568.53				09/27/13	61.00	59.99	
5,559.44				12/20/13	70.09	69.08	
5,562.17				03/27/14	67.36	66.35	
5,558.98				06/25/14	70.55	69.54	
5,561.03				09/25/14	68.50	67.49	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,638.20	5,639.35	1.15				120.92
5,582.98				07/29/05	56.37	55.22	
5,583.43				08/30/05	55.92	54.77	
5,581.87				09/12/05	57.48	56.33	
5,580.50				12/07/05	58.85	57.70	
5,583.64				03/08/06	55.71	54.56	
5,580.55				06/13/06	58.80	57.65	
5,578.95				07/18/06	60.40	59.25	
5,578.47				11/07/06	60.88	59.73	
5,579.53				02/27/07	59.82	58.67	
5,578.07				05/02/07	61.28	60.13	
5,583.41				08/15/07	55.94	54.79	
5,583.45				10/10/07	55.90	54.75	
5,586.47				03/26/08	52.88	51.73	
5,579.16				06/24/08	60.19	59.04	
5,579.92				08/26/08	59.43	58.28	
5,577.37				10/14/08	61.98	60.83	
5,578.00				03/10/09	61.35	60.20	
5,580.14				06/24/09	59.21	58.06	
5,578.72				09/10/09	60.63	59.48	
5,579.99				12/11/09	59.36	58.21	
5,582.81				03/11/10	56.54	55.39	
5,582.23				05/11/10	57.12	55.97	
5,576.60				09/29/10	62.75	61.60	
5,581.14				12/21/10	58.21	57.06	
5,579.53				02/28/11	59.82	58.67	
5,584.17				06/21/11	55.18	54.03	
5,584.80				09/20/11	54.55	53.40	
5,585.68				12/21/11	53.67	52.52	
5,585.24				03/27/12	54.11	52.96	
5,585.26				06/28/12	54.09	52.94	
5,585.16				09/27/12	54.19	53.04	
5,585.25				12/28/12	54.10	52.95	
5,582.84				03/28/13	56.51	55.36	
5,581.79				06/27/13	57.56	56.41	
5,580.89				09/27/13	58.46	57.31	
5,577.45				12/20/13	61.90	60.75	
5,576.01				03/27/14	63.34	62.19	
5,574.08				06/25/14	65.27	64.12	
5,573.20				09/25/14	66.15	65.00	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,627.83	5,629.00	1.17				113.5
5,571.89				07/29/05	57.11	55.94	
5,572.20				08/30/05	56.80	55.63	
5,572.08				09/12/05	56.92	55.75	
5,571.61				12/07/05	57.39	56.22	
5,571.85				03/08/06	57.15	55.98	
5,571.62				06/13/06	57.38	56.21	
5,571.42				07/18/06	57.58	56.41	
5,571.02				11/07/06	57.98	56.81	
5571.24				02/27/07	57.76	56.59	
5,570.75				06/29/07	58.25	57.08	
5,571.82				08/14/07	57.18	56.01	
5,571.99				10/10/07	57.01	55.84	
5,573.05				03/26/08	55.95	54.78	
5,573.04				06/24/08	55.96	54.79	
5,573.04				08/26/08	55.96	54.79	
5,573.02				10/14/08	55.98	54.81	
5,573.19				03/10/09	55.81	54.64	
5,573.32				06/24/09	55.68	54.51	
5,573.17				09/10/09	55.83	54.66	
5,573.52				12/11/09	55.48	54.31	
5,573.88				03/11/10	55.12	53.95	
5,574.29				05/11/10	54.71	53.54	
5,574.88				09/29/10	54.12	52.95	
5,574.44				12/21/10	54.56	53.39	
5,574.49				02/28/11	54.51	53.34	
5,574.97				06/21/11	54.03	52.86	
5,575.06				09/20/11	53.94	52.77	
5,575.69				12/21/11	53.31	52.14	
5,575.61				03/27/12	53.39	52.22	
5,575.62				06/28/12	53.38	52.21	
5,575.90				09/27/12	53.10	51.93	
5,575.59				12/28/12	53.41	52.24	
5,573.50				03/28/13	55.50	54.33	
5,572.45				06/27/13	56.55	55.38	
5,572.25				09/27/13	56.75	55.58	
5,569.93				12/20/13	59.07	57.90	
5,569.36				03/27/14	59.64	58.47	
5,569.02				06/25/14	59.98	58.81	
5,570.00				09/25/14	59.00	57.83	

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	
5,540.65				09/25/14	66.72	65.12	

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

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

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,625.70	5,627.83	2.13				113.5
5,563.43				06/25/14	64.40	62.27	
5,563.43				09/25/14	64.40	62.27	

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	
5,583.95				09/25/14	60.96	43.88	

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	
5,537.33				09/25/14	64.35	62.65	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,606.19	5,607.94	1.75				96
5,517.78				12/21/11	90.16	88.41	
5,524.84				03/27/12	83.10	81.35	
5,524.93				06/28/12	83.01	81.26	
5,525.59				09/27/12	82.35	80.60	
5,524.86				12/28/12	83.08	81.33	
5,526.37				03/28/13	81.57	79.82	
5,526.29				06/27/13	81.65	79.90	
5,527.04				09/27/13	80.90	79.15	
5,527.14				12/20/13	80.80	79.05	
5,527.55				03/27/14	80.39	78.64	
5,527.43				06/25/14	80.51	78.76	
5,527.48				09/25/14	80.46	78.71	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,613.52	5,617.00	3.48				105
5,580.69				03/28/13	36.31	32.83	
5,580.30				06/27/13	36.70	33.22	
5,580.35				09/27/13	36.65	33.17	
5,580.25				12/20/13	36.75	33.27	
5,579.83				03/27/14	37.17	33.69	
5,579.21				06/25/14	37.79	34.31	
5,578.84				09/25/14	38.16	34.68	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,602.56	5,606.04	3.48				105
5,533.98				03/28/13	72.06	68.58	
5,533.84				06/27/13	72.20	68.72	
5,534.27				09/27/13	71.77	68.29	
5,534.43				12/20/13	71.61	68.13	
5,534.32				03/27/14	71.72	68.24	
5,533.85				06/25/14	72.19	68.71	
5,533.53				09/25/14	72.51	69.03	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,599.33	5,602.81	3.48				105
5,524.78				03/28/13	78.03	74.55	
5,524.79				06/27/13	78.02	74.54	
5,525.54				09/27/13	77.27	73.79	
5,525.81				12/20/13	77.00	73.52	
5,525.98				03/27/14	76.83	73.35	
5,525.91				06/25/14	76.90	73.42	
5,526.00				09/25/14	76.81	73.33	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,601.10	5,604.58	3.48				105
5,520.17				03/28/13	84.41	80.93	
5,520.36				06/27/13	84.22	80.74	
5,521.22				09/27/13	83.36	79.88	
5,521.81				12/20/13	82.77	79.29	
5,522.25				03/27/14	82.33	78.85	
5,522.32				06/25/14	82.26	78.78	
5,522.64				09/25/14	81.94	78.46	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,610.20	5,611.84	1.64				113
5,564.43				09/27/13	47.41	45.77	
5,563.74				12/20/13	48.10	46.46	
5,563.24				03/27/14	48.60	46.96	
5,562.43				06/25/14	49.41	47.77	
5,561.90				09/25/14	49.94	48.30	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,605.20	5,606.73	1.53				84.7
5,536.70				09/27/13	70.03	68.50	
5,536.62				12/20/13	70.11	68.58	
5,536.49				03/27/14	70.24	68.71	
5,536.06				06/25/14	70.67	69.14	
5,535.73				09/25/14	71.00	69.47	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,601.60	5,603.34	1.74				94
5,534.04				09/27/13	69.30	67.56	
5,534.14				12/20/13	69.20	67.46	
5,533.89				03/27/14	69.45	67.71	
5,533.32				06/25/14	70.02	68.28	
5,532.94				09/25/14	70.40	68.66	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,598.67	5,599.87	1.20				85.3
5,525.52				09/25/14	74.35	73.15	

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

Water Elevation (WL)	Land Surface (LSD)	Measuring Point Elevation (MP)	Length Of Riser (L)	Date Of Monitoring	Total or Measured Depth to Water (blw.MP)	Total Depth to Water (blw.LSD)	Total Depth Of Well
	5,615.18	5,616.59	1.41				98
5,559.14				09/25/14	57.45	56.04	

Tab H

Laboratory Analytical Reports

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-23

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 1:24 PM
Sample Site:	MW-04_08112014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	41	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	3.7	1.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 13:31	8/24/2014 13:31	
Chloroform	1490	1.0	ug/L	EPA 8260B	08/24/2014 13:31	8/24/2014 13:31	
Chloromethane	7.6	1.0	ug/L	EPA 8260B	08/24/2014 13:31	8/24/2014 13:31	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 13:31	8/24/2014 13:31	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-09

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 8:37 AM
Sample Site:	TW4-01_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	38	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	4.8	1.0	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 22:41	9/4/2014 22:41	
Chloroform	845	1.0	ug/L	EPA 8260B	09/04/2014 22:41	9/4/2014 22:41	
Chloromethane	1.4	1.0	ug/L	EPA 8260B	09/04/2014 22:41	9/4/2014 22:41	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 22:41	9/4/2014 22:41	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-11

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 8:53 AM
Sample Site:	TW4-02_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	45	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	6.2	0.5	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	1.4	1.0	ug/L	EPA 8260B	09/04/2014 23:53	9/4/2014 23:53	
Chloroform	3170	1.0	ug/L	EPA 8260B	09/04/2014 23:53	9/4/2014 23:53	
Chloromethane	3.6	1.0	ug/L	EPA 8260B	09/04/2014 23:53	9/4/2014 23:53	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 23:53	9/4/2014 23:53	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-02

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 8:47 AM
Sample Site:	TW4-03_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	26	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	5.3	1.0	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 10:53	8/22/2014 10:53	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 10:53	8/22/2014 10:53	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 10:53	8/22/2014 10:53	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 10:53	8/22/2014 10:53	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-01

Name:	**Energy Fuels**	***Sample Date:***	8/12/2014 6:41 AM
Sample Site:	TW4-03R_08122014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	ND	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	0.1	0.1	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 10:35	8/22/2014 10:35	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 10:35	8/22/2014 10:35	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 10:35	8/22/2014 10:35	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 10:35	8/22/2014 10:35	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-22

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 1:32 PM
Sample Site:	TW4-04_08112014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	40	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	5.3	1.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 12:56	8/24/2014 12:56	
Chloroform	1320	1.0	ug/L	EPA 8260B	08/24/2014 12:56	8/24/2014 12:56	
Chloromethane	7.1	1.0	ug/L	EPA 8260B	08/24/2014 12:56	8/24/2014 12:56	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 12:56	8/24/2014 12:56	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-17

Name:	**Energy Fuels**	***Sample Date:***	8/14/2014 8:23 AM
Sample Site:	TW4-05_08142014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	44	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	7.2	1.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:19	8/22/2014 15:19	
Chloroform	12.0	1.0	ug/L	EPA 8260B	08/22/2014 15:19	8/22/2014 15:19	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:19	8/22/2014 15:19	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:19	8/22/2014 15:19	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-16

Name:	**Energy Fuels**	***Sample Date:***	8/14/2014 8:14 AM
Sample Site:	TW4-06_08142014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	40	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	4.2	1.0	mg/L	EPA 353.2	08/28/2014 15:47	8/28/2014 15:47	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:02	8/22/2014 15:02	
Chloroform	202	1.0	ug/L	EPA 8260B	08/22/2014 15:02	8/22/2014 15:02	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:02	8/22/2014 15:02	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:02	8/22/2014 15:02	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1410570-02

Name:	**Energy Fuels**	***Sample Date:***	9/24/2014 7:45 AM
Sample Site:	TW4-06_09242014	***Receipt Date:***	9/25/2014 9:30 AM
Comments:		***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:16	9/25/2014 12:16	
Chloroform	260	50.0	ug/L	EPA 8260B	09/25/2014 12:16	9/25/2014 12:16	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:16	9/25/2014 12:16	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:16	9/25/2014 12:16	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1410570-01

Name:	**Energy Fuels**	***Sample Date:***	9/23/2014 7:00 AM
Sample Site:	TW4-06R_09232014	***Receipt Date:***	9/25/2014 9:30 AM
Comments:		***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 11:58	9/25/2014 11:58	
Chloroform	ND	1.0	ug/L	EPA 8260B	09/25/2014 11:58	9/25/2014 11:58	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/25/2014 11:58	9/25/2014 11:58	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 11:58	9/25/2014 11:58	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-08

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 8:30 AM
Sample Site:	TW4-07_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	39	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	2.9	0.5	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 22:05	9/4/2014 22:05	
Chloroform	857	1.0	ug/L	EPA 8260B	09/04/2014 22:05	9/4/2014 22:05	
Chloromethane	1.5	1.0	ug/L	EPA 8260B	09/04/2014 22:05	9/4/2014 22:05	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 22:05	9/4/2014 22:05	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-04

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 7:45 AM
Sample Site:	TW4-08_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	47	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	0.6	0.1	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 20:17	9/4/2014 20:17	
Chloroform	107	1.0	ug/L	EPA 8260B	09/04/2014 20:17	9/4/2014 20:17	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/04/2014 20:17	9/4/2014 20:17	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 20:17	9/4/2014 20:17	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-13

Name:	**Energy Fuels**	***Sample Date:***	8/14/2014 7:55 AM
Sample Site:	TW4-09_08142014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	27	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	2.7	1.0	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:08	8/22/2014 14:08	
Chloroform	46.9	1.0	ug/L	EPA 8260B	08/22/2014 14:08	8/22/2014 14:08	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:08	8/22/2014 14:08	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:08	8/22/2014 14:08	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-10

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 8:44 AM
Sample Site:	TW4-10_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	74	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	9.8	1.0	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 23:17	9/4/2014 23:17	
Chloroform	1060	1.0	ug/L	EPA 8260B	09/04/2014 23:17	9/4/2014 23:17	
Chloromethane	1.5	1.0	ug/L	EPA 8260B	09/04/2014 23:17	9/4/2014 23:17	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 23:17	9/4/2014 23:17	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-07

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 8:24 AM
Sample Site:	TW4-11_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	48	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	5.4	0.5	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 21:29	9/4/2014 21:29	
Chloroform	719	1.0	ug/L	EPA 8260B	09/04/2014 21:29	9/4/2014 21:29	
Chloromethane	1.2	1.0	ug/L	EPA 8260B	09/04/2014 21:29	9/4/2014 21:29	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 21:29	9/4/2014 21:29	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-03

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 8:57 AM
Sample Site:	TW4-12_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	47	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	13.0	1.0	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:11	8/22/2014 11:11	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:11	8/22/2014 11:11	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:11	8/22/2014 11:11	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:11	8/22/2014 11:11	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-06

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 9:21 AM
Sample Site:	TW4-13_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	62	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	4.8	1.0	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:04	8/22/2014 12:04	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:04	8/22/2014 12:04	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:04	8/22/2014 12:04	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:04	8/22/2014 12:04	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-07

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 9:30 AM
Sample Site:	TW4-14_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	38	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	4.1	1.0	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:22	8/22/2014 12:22	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:22	8/22/2014 12:22	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:22	8/22/2014 12:22	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:22	8/22/2014 12:22	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-24

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 1:15 PM
Sample Site:	MW-26_08112014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	59	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	0.7	0.1	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 14:07	8/24/2014 14:07	
Chloroform	2120	1.0	ug/L	EPA 8260B	08/24/2014 14:07	8/24/2014 14:07	
Chloromethane	8.7	1.0	ug/L	EPA 8260B	08/24/2014 14:07	8/24/2014 14:07	
Methylene Chloride	26.0	1.0	ug/L	EPA 8260B	08/24/2014 14:07	8/24/2014 14:07	

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Lab Sample No.: 1408496-18

Name:	**Energy Fuels**	***Sample Date:***	8/14/2014 8:32 AM
Sample Site:	TW4-16_08142014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	80	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	5.1	1.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:37	8/22/2014 15:37	
Chloroform	229	1.0	ug/L	EPA 8260B	08/22/2014 15:37	8/22/2014 15:37	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:37	8/22/2014 15:37	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:37	8/22/2014 15:37	

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Lab Sample No.: 1410570-03

Name:	**Energy Fuels**	***Sample Date:***	9/24/2014 8:00 AM
Sample Site:	TW4-16_09242014	***Receipt Date:***	9/25/2014 9:30 AM
Comments:		***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:33	9/25/2014 12:33	
Chloroform	371	50.0	ug/L	EPA 8260B	09/25/2014 12:33	9/25/2014 12:33	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:33	9/25/2014 12:33	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:33	9/25/2014 12:33	

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Lab Sample No.: 1409251-02

Name:	**Energy Fuels**	***Sample Date:***	8/26/2014 12:40 PM
Sample Site:	MW-32_08262014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	34	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	ND	0.1	mg/L	EPA 353.2	09/17/2014 12:24	9/17/2014 12:24	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:41	9/4/2014 19:41	
Chloroform	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:41	9/4/2014 19:41	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:41	9/4/2014 19:41	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:41	9/4/2014 19:41	

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Lab Sample No.: 1408496-19

Name:	**Energy Fuels**	***Sample Date:***	8/14/2014 8:44 AM
Sample Site:	TW4-18_08142014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	49	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	9.8	1.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:55	8/22/2014 15:55	
Chloroform	32.8	1.0	ug/L	EPA 8260B	08/22/2014 15:55	8/22/2014 15:55	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:55	8/22/2014 15:55	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 15:55	8/22/2014 15:55	

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Lab Sample No.: 1408496-21

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 2:00 PM
Sample Site:	TW4-19_08112014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	140	10	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	1.6	0.1	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	1.9	1.0	ug/L	EPA 8260B	08/24/2014 11:45	8/24/2014 11:45	
Chloroform	1410	1.0	ug/L	EPA 8260B	08/24/2014 11:45	8/24/2014 11:45	
Chloromethane	8.3	1.0	ug/L	EPA 8260B	08/24/2014 11:45	8/24/2014 11:45	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 11:45	8/24/2014 11:45	

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Lab Sample No.: 1408496-26

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 1:06 PM
Sample Site:	TW4-20_08112014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	299	5	mg/L	EPA 300.0	08/15/2014 17:00	8/15/2014 17:00	
Nitrate + Nitrite, Total	4.3	1.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	14.1	1.0	ug/L	EPA 8260B	08/24/2014 15:19	8/24/2014 15:19	
Chloroform	12400	1.0	ug/L	EPA 8260B	08/24/2014 15:19	8/24/2014 15:19	
Chloromethane	55.2	1.0	ug/L	EPA 8260B	08/24/2014 15:19	8/24/2014 15:19	
Methylene Chloride	2.2	1.0	ug/L	EPA 8260B	08/24/2014 15:19	8/24/2014 15:19	

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Lab Sample No.: 1409251-05

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 8:01 AM
Sample Site:	TW4-21_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	230	10	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	7.1	1.0	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 20:53	9/4/2014 20:53	
Chloroform	204	1.0	ug/L	EPA 8260B	09/04/2014 20:53	9/4/2014 20:53	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/04/2014 20:53	9/4/2014 20:53	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 20:53	9/4/2014 20:53	

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Lab Sample No.: 1408496-25

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 12:56 PM
Sample Site:	TW4-22_08112014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	540	10	mg/L	EPA 300.0	08/15/2014 17:00	8/15/2014 17:00	
Nitrate + Nitrite, Total	41.5	5.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	1.9	1.0	ug/L	EPA 8260B	08/24/2014 14:43	8/24/2014 14:43	
Chloroform	12400	1.0	ug/L	EPA 8260B	08/24/2014 14:43	8/24/2014 14:43	
Chloromethane	40.0	1.0	ug/L	EPA 8260B	08/24/2014 14:43	8/24/2014 14:43	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 14:43	8/24/2014 14:43	

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Lab Sample No.: 1408496-12

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 10:15 AM
Sample Site:	TW4-23_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	46	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	ND	0.1	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:50	8/22/2014 13:50	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:50	8/22/2014 13:50	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:50	8/22/2014 13:50	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:50	8/22/2014 13:50	

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Lab Sample No.: 1408496-20

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 12:47 PM
Sample Site:	TW4-24_08112014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	1150	20	mg/L	EPA 300.0	08/15/2014 17:00	8/15/2014 17:00	
Nitrate + Nitrite, Total	31.5	5.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 16:30	8/22/2014 16:30	
Chloroform	76.3	1.0	ug/L	EPA 8260B	08/22/2014 16:30	8/22/2014 16:30	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 16:30	8/22/2014 16:30	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 16:30	8/22/2014 16:30	

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Lab Sample No.: 1408496-14

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 12:28 PM
Sample Site:	TW4-25_08112014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	67	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	1.6	0.1	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:26	8/22/2014 14:26	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:26	8/22/2014 14:26	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:26	8/22/2014 14:26	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:26	8/22/2014 14:26	

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Lab Sample No.: 1408496-15

Name:	**Energy Fuels**	***Sample Date:***	8/14/2014 8:06 AM
Sample Site:	TW4-26_08142014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	15	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	10.8	1.0	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:44	8/22/2014 14:44	
Chloroform	1.3	1.0	ug/L	EPA 8260B	08/22/2014 14:44	8/22/2014 14:44	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:44	8/22/2014 14:44	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 14:44	8/22/2014 14:44	

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Lab Sample No.: 1408496-08

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 9:37 AM
Sample Site:	TW4-27_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	23	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	27.0	5.0	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:39	8/22/2014 12:39	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:39	8/22/2014 12:39	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:39	8/22/2014 12:39	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:39	8/22/2014 12:39	

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Lab Sample No.: 1408496-04

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 9:05 AM
Sample Site:	TW4-28_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	50	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	14.2	1.0	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:29	8/22/2014 11:29	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:29	8/22/2014 11:29	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:29	8/22/2014 11:29	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:29	8/22/2014 11:29	

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Lab Sample No.: 1409251-06

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 8:15 AM
Sample Site:	TW4-29_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	41	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	3.4	0.5	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 21:11	9/4/2014 21:11	
Chloroform	242	1.0	ug/L	EPA 8260B	09/04/2014 21:11	9/4/2014 21:11	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/04/2014 21:11	9/4/2014 21:11	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 21:11	9/4/2014 21:11	

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Lab Sample No.: 1408496-09

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 9:44 AM
Sample Site:	TW4-30_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	38	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	1.5	0.1	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:57	8/22/2014 12:57	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:57	8/22/2014 12:57	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:57	8/22/2014 12:57	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 12:57	8/22/2014 12:57	

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Lab Sample No.: 1408496-10

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 9:55 AM
Sample Site:	TW4-31_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	30	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	1.1	0.1	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:15	8/22/2014 13:15	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:15	8/22/2014 13:15	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:15	8/22/2014 13:15	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:15	8/22/2014 13:15	

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Lab Sample No.: 1408496-05

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 9:14 AM
Sample Site:	TW4-32_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	64	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	4.2	0.5	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:46	8/22/2014 11:46	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:46	8/22/2014 11:46	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:46	8/22/2014 11:46	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 11:46	8/22/2014 11:46	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-03

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 7:36 AM
Sample Site:	TW4-33_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	43	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	1.5	0.2	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:59	9/4/2014 19:59	
Chloroform	104	1.0	ug/L	EPA 8260B	09/04/2014 19:59	9/4/2014 19:59	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:59	9/4/2014 19:59	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:59	9/4/2014 19:59	

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Certificate of Analysis

Lab Sample No.: 1409251-01

Name:	**Energy Fuels**	***Sample Date:***	8/25/2014 2:34 PM
Sample Site:	TW4-33R_08252014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	ND	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	0.3	0.2	mg/L	EPA 353.2	09/10/2014 11:34	9/10/2014 11:34	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:05	9/4/2014 19:05	
Chloroform	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:05	9/4/2014 19:05	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:05	9/4/2014 19:05	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/04/2014 19:05	9/4/2014 19:05	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-11

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 10:05 AM
Sample Site:	TW4-34_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	18	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	1.1	0.1	mg/L	EPA 353.2	08/28/2014 10:13	8/28/2014 10:13	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:33	8/22/2014 13:33	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:33	8/22/2014 13:33	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:33	8/22/2014 13:33	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/22/2014 13:33	8/22/2014 13:33	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-12

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 9:01 AM
Sample Site:	TW4-35_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	34	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	0.2	0.1	mg/L	EPA 353.2	09/12/2014 15:00	9/12/2014 15:00	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 00:28	9/5/2014 0:28	
Chloroform	ND	1.0	ug/L	EPA 8260B	09/05/2014 00:28	9/5/2014 0:28	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/05/2014 00:28	9/5/2014 0:28	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 00:28	9/5/2014 0:28	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-13

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 9:10 AM
Sample Site:	TW4-36_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	65	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	ND	0.1	mg/L	EPA 353.2	09/12/2014 14:02	9/12/2014 14:02	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 00:46	9/5/2014 0:46	
Chloroform	ND	1.0	ug/L	EPA 8260B	09/05/2014 00:46	9/5/2014 0:46	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/05/2014 00:46	9/5/2014 0:46	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 00:46	9/5/2014 0:46	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-14

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 6:45 AM
Sample Site:	TW4-60_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	ND	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	ND	0.1	mg/L	EPA 353.2	09/12/2014 14:02	9/12/2014 14:02	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:04	9/5/2014 1:04	
Chloroform	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:04	9/5/2014 1:04	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:04	9/5/2014 1:04	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:04	9/5/2014 1:04	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1408496-27

Name:	**Energy Fuels**	***Sample Date:***	8/13/2014 9:05 AM
Sample Site:	TW4-65_08132014	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	51	1	mg/L	EPA 300.0	08/15/2014 13:00	8/15/2014 13:00	
Nitrate + Nitrite, Total	14.5	1.0	mg/L	EPA 353.2	08/28/2014 10:18	8/28/2014 10:18	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 15:55	8/24/2014 15:55	
Chloroform	3.2	1.0	ug/L	EPA 8260B	08/24/2014 15:55	8/24/2014 15:55	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/24/2014 15:55	8/24/2014 15:55	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 15:55	8/24/2014 15:55	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-15

Name:	**Energy Fuels**	***Sample Date:***	8/27/2014 7:45 AM
Sample Site:	TW4-70_08272014	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic							
Chloride	47	1	mg/L	EPA 300.0	08/29/2014 06:00	8/29/2014 6:00	
Nitrate + Nitrite, Total	1.9	1.0	mg/L	EPA 353.2	09/12/2014 14:02	9/12/2014 14:02	
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:22	9/5/2014 1:22	
Chloroform	104	1.0	ug/L	EPA 8260B	09/05/2014 01:22	9/5/2014 1:22	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:22	9/5/2014 1:22	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:22	9/5/2014 1:22	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1410570-04

Name:	**Energy Fuels**	***Sample Date:***	9/24/2014 7:45 AM
Sample Site:	TW4-75_09242014	***Receipt Date:***	9/25/2014 9:30 AM
Comments:		***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:51	9/25/2014 12:51	
Chloroform	340	50.0	ug/L	EPA 8260B	09/25/2014 12:51	9/25/2014 12:51	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:51	9/25/2014 12:51	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 12:51	9/25/2014 12:51	

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Certificate of Analysis

Lab Sample No.: 1408496-28

Name:	**Energy Fuels**	***Sample Date:***	8/11/2014 12:00 AM
Sample Site:	TRIP BLANK	***Receipt Date:***	8/15/2014 9:35 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 16:49	8/24/2014 16:49	
Chloroform	ND	1.0	ug/L	EPA 8260B	08/24/2014 16:49	8/24/2014 16:49	
Chloromethane	ND	1.0	ug/L	EPA 8260B	08/24/2014 16:49	8/24/2014 16:49	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	08/24/2014 16:49	8/24/2014 16:49	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1409251-16

Name:	**Energy Fuels**	***Sample Date:***	8/25/2014 12:00 AM
Sample Site:	Trip Blank	***Receipt Date:***	8/28/2014 9:50 AM
Comments:	White Mesa Mill	***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Groundwater
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:40	9/5/2014 1:40	
Chloroform	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:40	9/5/2014 1:40	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:40	9/5/2014 1:40	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/05/2014 01:40	9/5/2014 1:40	

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LABORATORIES

Certificate of Analysis

Lab Sample No.: 1410570-05

Name:	**Energy Fuels**	***Sample Date:***	9/23/2014 12:00 AM
Sample Site:	Trip Blank	***Receipt Date:***	9/25/2014 9:30 AM
Comments:		***Sampler:***	Tanner Holliday
Sample Matrix:	Water	***Project:***	White Mesa Mill - Chloroform
PO Number:		***Project Number:***	White Mesa Mill - Groundwater

Parameter	Sample Result	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds							
Carbon Tetrachloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 13:09	9/25/2014 13:09	
Chloroform	ND	1.0	ug/L	EPA 8260B	09/25/2014 13:09	9/25/2014 13:09	
Chloromethane	ND	1.0	ug/L	EPA 8260B	09/25/2014 13:09	9/25/2014 13:09	
Methylene Chloride	ND	1.0	ug/L	EPA 8260B	09/25/2014 13:09	9/25/2014 13:09	

9632 South 500 West
Sandy, UT 84070
801-262-7299 Office

CHEMTECH-FORD
LABORATORIES

9/15/2014

Work Order: 1408496

Energy Fuels

Attn: Garrin Palmer

6425 South Highway 191

Blanding, UT 84511

Client Service Contact: 801.262.7299

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.

Approved By: Dave Gayer, Laboratory Director

CHEMTECH-FORD LABORATORIES

Case Narrative for Sample Delivery Group - 1408496

Energy Fuels

SampleID	SampleName	Matrix	Sampled	Received
1408496-01	TW4-03R_08122014	Water	08/12/2014	08/15/2014
1408496-02	TW4-03_08132014	Water	08/13/2014	08/15/2014
1408496-03	TW4-12_08132014	Water	08/13/2014	08/15/2014
1408496-04	TW4-28_08132014	Water	08/13/2014	08/15/2014
1408496-05	TW4-32_08132014	Water	08/13/2014	08/15/2014
1408496-06	TW4-13_08132014	Water	08/13/2014	08/15/2014
1408496-07	TW4-14_08132014	Water	08/13/2014	08/15/2014
1408496-08	TW4-27_08132014	Water	08/13/2014	08/15/2014
1408496-09	TW4-30_08132014	Water	08/13/2014	08/15/2014
1408496-10	TW4-31_08132014	Water	08/13/2014	08/15/2014
1408496-11	TW4-34_08132014	Water	08/13/2014	08/15/2014
1408496-12	TW4-23_08132014	Water	08/13/2014	08/15/2014
1408496-13	TW4-09_08142014	Water	08/14/2014	08/15/2014
1408496-14	TW4-25_08112014	Water	08/11/2014	08/15/2014
1408496-15	TW4-26_08142014	Water	08/14/2014	08/15/2014
1408496-16	TW4-06_08142014	Water	08/14/2014	08/15/2014
1408496-17	TW4-05_08142014	Water	08/14/2014	08/15/2014
1408496-18	TW4-16_08142014	Water	08/14/2014	08/15/2014
1408496-19	TW4-18_08142014	Water	08/14/2014	08/15/2014
1408496-20	TW4-24_08112014	Water	08/11/2014	08/15/2014
1408496-21	TW4-19_08112014	Water	08/11/2014	08/15/2014
1408496-22	TW4-04_08112014	Water	08/11/2014	08/15/2014
1408496-23	MW-04_08112014	Water	08/11/2014	08/15/2014
1408496-24	MW-26_08112014	Water	08/11/2014	08/15/2014
1408496-25	TW4-22_08112014	Water	08/11/2014	08/15/2014
1408496-26	TW4-20_08112014	Water	08/11/2014	08/15/2014
1408496-27	TW4-65_08132014	Water	08/13/2014	08/15/2014
1408496-28	TRIP BLANK	Water	08/11/2014	08/15/2014

Method Blanks

All method blanks were below the Minimum Reporting Limit (MRL).

Laboratory Control Samples

All Laboratory Control Sample (LCS) recoveries were within laboratory control limits.

Holding Times

All preparations and analyses were performed within holding times

Matrix Spike/Matrix Spike Duplicate

All Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries were within control except for those mentioned in the QC report.

Surrogates

All surrogates were within laboratory control limits.

Analytical Summary - 1408496

Lab ID: 1408496-01
Client ID: TW4-03R_08122014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-02
Client ID: TW4-03_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-03
Client ID: TW4-12_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-04
Client ID: TW4-28_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-05
Client ID: TW4-32_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-06
Client ID: TW4-13_08132014
Matrix: Water

Analyses

EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-07
Client ID: TW4-14_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-08
Client ID: TW4-27_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-09
Client ID: TW4-30_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-10
Client ID: TW4-31_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-11
Client ID: TW4-34_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-12
Client ID: TW4-23_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-13
Client ID: TW4-09_08142014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-14
Client ID: TW4-25_08112014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-15
Client ID: TW4-26_08142014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-16
Client ID: TW4-06_08142014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-17
Client ID: TW4-05_08142014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2

EPA 8260B

Lab ID: 1408496-18

Client ID: TW4-16_08142014

Matrix: Water

Analyses

EPA 300.0

EPA 353.2

EPA 8260B

Lab ID: 1408496-19

Client ID: TW4-18_08142014

Matrix: Water

Analyses

EPA 300.0

EPA 353.2

EPA 8260B

Lab ID: 1408496-20

Client ID: TW4-24_08112014

Matrix: Water

Analyses

EPA 300.0

EPA 353.2

EPA 8260B

Lab ID: 1408496-21

Client ID: TW4-19_08112014

Matrix: Water

Analyses

EPA 300.0

EPA 353.2

EPA 8260B

Lab ID: 1408496-22

Client ID: TW4-04_08112014

Matrix: Water

Analyses

EPA 300.0

EPA 353.2

EPA 8260B

Lab ID: 1408496-23

Client ID: MW-04_08112014

Matrix: Water

Analyses

EPA 300.0

EPA 353.2
EPA 8260B

Lab ID: 1408496-24
Client ID: MW-26_08112014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-25
Client ID: TW4-22_08112014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-26
Client ID: TW4-20_08112014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-27
Client ID: TW4-65_08132014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1408496-28
Client ID: TRIP BLANK
Matrix: Water

Analyses
EPA 8260B

QC Summary for Sample Delivery Group - 1408496

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
Calibration Blank - Method EPA 300.0																		
4H15019-CCB1	Chloride						0					4H15019		08/14/14	08/14/14			1
4H15019-CCB2	Chloride						0.3					4H15019		08/14/14	08/14/14			1
4H15019-CCB3	Chloride						0					4H15019		08/14/14	08/14/14			1
4H15019-CCB4	Chloride						0					4H15019		08/14/14	08/14/14			1
4H15019-CCB5	Chloride						0					4H15019		08/14/14	08/14/14			1
4H15019-CCB6	Chloride						0					4H15019		08/14/14	08/14/14			1
4H17004-CCB1	Chloride						0					4H17004		08/14/14	08/14/14			1
4H17004-CCB2	Chloride						0					4H17004		08/14/14	08/14/14			1
4H17004-CCB3	Chloride						0					4H17004		08/14/14	08/14/14			1
4H17004-CCB4	Chloride						0					4H17004		08/14/14	08/14/14			1
4H17004-CCB5	Chloride						0.2					4H17004		08/14/14	08/14/14			1
4H17004-CCB6	Chloride						0					4H17004		08/14/14	08/14/14			1
4H17004-CCB7	Chloride						0					4H17004		08/14/14	08/14/14			1
4H17004-CCB8	Chloride						0					4H17004		08/14/14	08/14/14			1
4H17004-CCB9	Chloride						0					4H17004		08/14/14	08/14/14			1
Calibration Check - Method EPA 300.0																		
4H15019-CCV1	Chloride	105		90	110		21			20.0		4H15019		08/14/14	08/14/14			1
4H15019-CCV2	Chloride	105		90	110		21			20.0		4H15019		08/14/14	08/14/14			1
4H15019-CCV3	Chloride	100		90	110		20			20.0		4H15019		08/14/14	08/14/14			1
4H15019-CCV4	Chloride	100		90	110		20			20.0		4H15019		08/14/14	08/14/14			1
4H15019-CCV5	Chloride	100		90	110		20			20.0		4H15019		08/14/14	08/14/14			1
4H15019-CCV6	Chloride	100		90	110		20			20.0		4H15019		08/14/14	08/14/14			1
4H17004-CCV1	Chloride	105		90	110		21			20.0		4H17004		08/14/14	08/14/14			1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
4H17004-CCV2	Chloride	105		90	110		21			20.0		4H17004		08/14/14	08/14/14			1
4H17004-CCV3	Chloride	100		90	110		20			20.0		4H17004		08/14/14	08/14/14			1
4H17004-CCV4	Chloride	100		90	110		20			20.0		4H17004		08/14/14	08/14/14			1
4H17004-CCV5	Chloride	105		90	110		21			20.0		4H17004		08/14/14	08/14/14			1
4H17004-CCV6	Chloride	100		90	110		20			20.0		4H17004		08/14/14	08/14/14			1
4H17004-CCV7	Chloride	105		90	110		21			20.0		4H17004		08/14/14	08/14/14			1
4H17004-CCV8	Chloride	100		90	110		20			20.0		4H17004		08/14/14	08/14/14			1
4H17004-CCV9	Chloride	100		90	110		20			20.0		4H17004		08/14/14	08/14/14			1
Initial Cal Blank - Method EPA 300.0																		
4H15019-ICB1	Chloride						0					4H15019		08/14/14	08/14/14			1
4H17004-ICB1	Chloride						0					4H17004		08/14/14	08/14/14			1
Initial Cal Check - Method EPA 300.0																		
4H15019-ICV1	Chloride	100		90	110		20			20.0		4H15019		08/14/14	08/14/14			1
4H17004-ICV1	Chloride	100		90	110		20			20.0		4H17004		08/14/14	08/14/14			1
LCSW - Method EPA 300.0																		
B408469-BS1	Chloride	100		90	110		50			50.0		B408469		08/15/14	08/15/14	0.07	1	1
B408469-BS2	Chloride	100		90	110		50			50.0		B408469		08/15/14	08/15/14	0.07	1	1
B408472-BS1	Chloride	102		90	110		51			50.0		B408472		08/15/14	08/15/14	0.07	1	1
B408472-BS2	Chloride	102		90	110		51			50.0		B408472		08/15/14	08/15/14	0.07	1	1
B408473-BS1	Chloride	102		90	110		51			50.0		B408473		08/15/14	08/15/14	0.07	1	1
B408473-BS2	Chloride	102		90	110		51			50.0		B408473		08/15/14	08/15/14	0.07	1	1
B408473-BS3	Chloride	104		90	110		52			50.0		B408473		08/15/14	08/15/14	0.07	1	1
LCSW Dup - Method EPA 300.0																		
B408469-BSD1	Chloride	100	0.00	90	110	20	50			50.0		B408469		08/15/14	08/15/14	0.07	1	1
B408469-BSD2	Chloride	100	0.00	90	110	20	50			50.0		B408469		08/15/14	08/15/14	0.07	1	1
B408472-BSD1	Chloride	104	1.94	90	110	20	52			50.0		B408472		08/15/14	08/15/14	0.07	1	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408472-BSD2	Chloride	102	0.00	90	110	20	51			50.0		B408472		08/15/14	08/15/14	0.07	1	1
B408473-BSD1	Chloride	102	0.00	90	110	20	51			50.0		B408473		08/15/14	08/15/14	0.07	1	1
B408473-BSD2	Chloride	102	0.00	90	110	20	51			50.0		B408473		08/15/14	08/15/14	0.07	1	1
B408473-BSD3	Chloride	102	1.94	90	110	20	51			50.0		B408473		08/15/14	08/15/14	0.07	1	1
Matrix Spike - Method EPA 300.0																		
B408469-MS1	Chloride	100		80	120		100	**1408496-01**	0	100		B408469		08/15/14	08/15/14	0.7	10	10
B408469-MS2	Chloride	102		80	120		140	**1408496-09**	38	100		B408469		08/15/14	08/15/14	0.7	10	10
B408472-MS1	Chloride	100		80	120		240	**1408496-21**	140	100		B408472		08/15/14	08/15/14	0.7	10	10
B408472-MS2	Chloride	99.0		80	120		150	**1408496-27**	51	100		B408472		08/15/14	08/15/14	0.7	10	10
B408473-MS1	Chloride	98.0		80	120		140	XXXXXXX-XX	42	100		B408473		08/15/14	08/15/14	0.7	10	10
B408473-MS2	Chloride	104		80	120		140	XXXXXXX-XX	36	100		B408473		08/15/14	08/15/14	0.7	10	10
B408473-MS3	Chloride	104		80	120		140	XXXXXXX-XX	36	100		B408473		08/15/14	08/15/14	0.7	10	10
Matrix Spike Dup - Method EPA 300.0																		
B408469-MSD1	Chloride	100	0.00	80	120	20	100	**1408496-01**	0	100		B408469		08/15/14	08/15/14	0.7	10	10
B408469-MSD2	Chloride	102	0.00	80	120	20	140	**1408496-09**	38	100		B408469		08/15/14	08/15/14	0.7	10	10
B408472-MSD1	Chloride	100	0.00	80	120	20	240	**1408496-21**	140	100		B408472		08/15/14	08/15/14	0.7	10	10
B408472-MSD2	Chloride	99.0	0.00	80	120	20	150	**1408496-27**	51	100		B408472		08/15/14	08/15/14	0.7	10	10
B408473-MSD1	Chloride	98.0	0.00	80	120	20	140	XXXXXXX-XX	42	100		B408473		08/15/14	08/15/14	0.7	10	10
B408473-MSD2	Chloride	104	0.00	80	120	20	140	XXXXXXX-XX	36	100		B408473		08/15/14	08/15/14	0.7	10	10
B408473-MSD3	Chloride	104	0.00	80	120	20	140	XXXXXXX-XX	36	100		B408473		08/15/14	08/15/14	0.7	10	10
PBW - Method EPA 300.0																		
B408469-BLK1	Chloride						0					B408469		08/15/14	08/15/14	0.07	1	1
B408469-BLK2	Chloride						0					B408469		08/15/14	08/15/14	0.07	1	1
B408472-BLK1	Chloride						0					B408472		08/15/14	08/15/14	0.07	1	1
B408472-BLK2	Chloride						0					B408472		08/15/14	08/15/14	0.07	1	1
B408473-BLK1	Chloride						0					B408473		08/15/14	08/15/14	0.07	1	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408473-BLK2	Chloride						0					B408473		08/15/14	08/15/14	0.07	1	1
B408473-BLK3	Chloride						0					B408473		08/15/14	08/15/14	0.07	1	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
Blank - Method EPA 353.2																		
B408834-BLK1	Nitrate + Nitrite, Total						0.07					B408834		08/28/14	08/28/14	0.03	0.1	1
B408834-BLK2	Nitrate + Nitrite, Total						0.05					B408834		08/28/14	08/28/14	0.03	0.1	1
B408868-BLK1	Nitrate + Nitrite, Total						0.06					B408868		08/28/14	08/28/14	0.03	0.1	1
Calibration Blank - Method EPA 353.2																		
4H28015-CCB1	Nitrate + Nitrite, Total						0.05					4H28015		08/28/14	08/28/14			1
4H28015-CCB2	Nitrate + Nitrite, Total						0.05					4H28015		08/28/14	08/28/14			1
4H28015-CCB3	Nitrate + Nitrite, Total						0.05					4H28015		08/28/14	08/28/14			1
4H28015-CCB4	Nitrate + Nitrite, Total						0.07					4H28015		08/28/14	08/28/14			1
4H28018-CCB1	Nitrate + Nitrite, Total						0.06					4H28018		08/28/14	08/28/14			1
Calibration Check - Method EPA 353.2																		
4H28015-CCV1	Nitrate + Nitrite, Total	96.0		90	110		1.0			1.00		4H28015		08/28/14	08/28/14			1
4H28015-CCV2	Nitrate + Nitrite, Total	97.0		90	110		1.0			1.00		4H28015		08/28/14	08/28/14			1
4H28015-CCV3	Nitrate + Nitrite, Total	98.0		90	110		1.0			1.00		4H28015		08/28/14	08/28/14			1
4H28015-CCV4	Nitrate + Nitrite, Total	100		90	110		1.0			1.00		4H28015		08/28/14	08/28/14			1
4H28018-CCV1	Nitrate + Nitrite, Total	93.0		90	110		0.9			1.00		4H28018		08/28/14	08/28/14			1
Initial Cal Blank - Method EPA 353.2																		
4H28015-ICB1	Nitrate + Nitrite, Total						0.05					4H28015		08/28/14	08/28/14			1
4H28018-ICB1	Nitrate + Nitrite, Total						0.04					4H28018		08/28/14	08/28/14			1
Initial Cal Check - Method EPA 353.2																		
4H28015-ICV1	Nitrate + Nitrite, Total	94.0		90	110		0.9			1.00		4H28015		08/28/14	08/28/14			1
4H28018-ICV1	Nitrate + Nitrite, Total	91.0		90	110		0.9			1.00		4H28018		08/28/14	08/28/14			1
LCS - Method EPA 353.2																		
B408834-BS1	Nitrate + Nitrite, Total	96.5		90	110		1.9			2.00		B408834		08/28/14	08/28/14	0.03	0.1	1
B408834-BS2	Nitrate + Nitrite, Total	98.5		90	110		2.0			2.00		B408834		08/28/14	08/28/14	0.03	0.1	1
B408868-BS1	Nitrate + Nitrite, Total	96.0		90	110		1.9			2.00		B408868		08/28/14	08/28/14	0.03	0.1	1

Matrix Spike - Method EPA 353.2

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408834-MS1	Nitrate + Nitrite, Total	**72.0**		80	120		0.7	XXXXXXX-XX		1.00		B408834	08/28/14	08/28/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		
B408834-MS2	Nitrate + Nitrite, Total	**73.0**		80	120		0.7	XXXXXXX-XX		1.00		B408834	08/28/14	08/28/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		
B408838-MS1	Nitrate + Nitrite, Total	**67.0**		80	120		0.8	**1408496-01**	0.1	1.00		B408838	08/28/14	08/28/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		
B408838-MS2	Nitrate + Nitrite, Total	**72.0**		80	120		8.8	**1408496-21**	1.6	10.0		B408838	08/28/14	08/28/14	0.3	1.0	10
QM-010 - The MS recovery was outside acceptance limits but passed Duplicate Spike acceptance limits. The batch was accepted based on the acceptability of the MSD as the batch Spike.																		
B408868-MS1	Nitrate + Nitrite, Total	**42.0**		80	120		0.4	XXXXXXX-XX	0.03	1.00		B408868	08/28/14	08/28/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		

Matrix Spike Dup - Method EPA 353.2

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408834-MSD1	Nitrate + Nitrite, Total	85.0	16.6	80	120	20	0.8	XXXXXXX-XX		1.00		B408834	08/28/14	08/28/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		
B408834-MSD2	Nitrate + Nitrite, Total	85.0	15.2	80	120	20	0.8	XXXXXXX-XX		1.00		B408834	08/28/14	08/28/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		
B408838-MSD1	Nitrate + Nitrite, Total	**75.0**	9.76	80	120	20	0.9	**1408496-01**	0.1	1.00		B408838	08/28/14	08/28/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		
B408838-MSD2	Nitrate + Nitrite, Total	86.0	14.7	80	120	20	10.2	**1408496-21**	1.6	10.0		B408838	08/28/14	08/28/14	0.3	1.0	10
B408868-MSD1	Nitrate + Nitrite, Total	**51.0**	18.2	80	120	20	0.5	XXXXXXX-XX	0.03	1.00		B408868	08/28/14	08/28/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		

Blank - Method EPA 8260B

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408747-BLK1	1,1,1,2-Tetrachloroethane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,1,1-Trichloroethane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,1,2,2-Tetrachloroethane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,1,2-Trichloroethane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,1,2-Trichlorotrifluoroethane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,1-Dichloroethane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,1-Dichloroethene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,1-Dichloropropene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,2,3-Trichlorobenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,2,3-Trichloropropane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,2,4-Trichlorobenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,2,4-Trimethylbenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,2-Dibromo-3-chloropropane						0.00				Yes	B408747		08/22/14	08/22/14 1.0		1.0	1
B408747-BLK1	1,2-Dibromoethane (EDB)						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,2-Dichlorobenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,2-Dichloroethane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,2-Dichloroethane-d4	109		70	130		10.9			10.0	Yes	B408747		08/22/14	08/22/14			1
B408747-BLK1	1,2-Dichloropropane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,3,5-Trimethylbenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,3-Dichlorobenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,3-Dichloropropane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	1,4-Dichlorobenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	2,2-Dichloropropane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	2-Chlorotoluene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	2-Nitropropane						0.00				Yes	B408747		08/22/14	08/22/14 10.0		10.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408747-BLK1	4-Bromofluorobenzene	107		70	130		10.7			10.0	Yes	B408747		08/22/14	08/22/14			1
B408747-BLK1	4-Chlorotoluene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	4-Isopropyltoluene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Acetone						0.00				Yes	B408747		08/22/14	08/22/14	10.0	10.0	1
B408747-BLK1	Benzene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Bromobenzene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Bromochloromethane						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Bromodichloromethane						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Bromoform						0.00				Yes	B408747		08/22/14	08/22/14	1.0	1.0	1
B408747-BLK1	Bromomethane						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Carbon Disulfide						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Carbon Tetrachloride						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Chlorobenzene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Chloroethane						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Chloroform						0.00				Yes	B408747		08/22/14	08/22/14	1.0	1.0	1
B408747-BLK1	Chloromethane						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	cis-1,2-Dichloroethene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	cis-1,3-Dichloropropene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Cyclohexanone						0.00				Yes	B408747		08/22/14	08/22/14	20.0	20.0	1
B408747-BLK1	Dibromochloromethane						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Dibromomethane						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Dichlorodifluoromethane						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Ethyl Acetate						0.00				Yes	B408747		08/22/14	08/22/14	10.0	10.0	1
B408747-BLK1	Ethyl Ether						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Ethylbenzene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BLK1	Hexachlorobutadiene						0.00				Yes	B408747		08/22/14	08/22/14	0.3	1.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408747-BLK1	Isobutanol						0.00				Yes	B408747		08/22/14	08/22/14 10.0		10.0	1
B408747-BLK1	Isopropylbenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Methyl Ethyl Ketone						0.00				Yes	B408747		08/22/14	08/22/14 10.0		10.0	1
B408747-BLK1	Methyl Isobutyl Ketone						0.00				Yes	B408747		08/22/14	08/22/14 10.0		10.0	1
B408747-BLK1	Methylene Chloride						0.00				Yes	B408747		08/22/14	08/22/14 1.0		1.0	1
B408747-BLK1	Methyl-tert-butyl ether (MTBE)						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Naphthalene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	n-Butyl Alcohol						0.00				Yes	B408747		08/22/14	08/22/14 40.0		40.0	1
B408747-BLK1	n-Butylbenzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Nitrobenzene						0.00				Yes	B408747		08/22/14	08/22/14 20.0		20.0	1
B408747-BLK1	n-Propyl Benzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	p-Isopropyltoluene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	sec-Butyl Benzene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Styrene						0.00				Yes	B408747		08/22/14	08/22/14 1.0		1.0	1
B408747-BLK1	tert-Butylbenzene						0.00				Yes	B408747		08/22/14	08/22/14 1.0		1.0	1
B408747-BLK1	Tetrachloroethene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Toluene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Toluene-d8	101		70	130		10.1			10.0	Yes	B408747		08/22/14	08/22/14			1
B408747-BLK1	trans-1,2-Dichloroethene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	trans-1,3-Dichloropropene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Trichloroethene						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Trichlorofluoromethane						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Vinyl Chloride						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BLK1	Xylenes, total						0.00				Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408748-BLK1	1,1,1,2-Tetrachloroethane						0.00				Yes	B408748		08/24/14	08/24/14 0.3		1.0	1
B408748-BLK1	1,1,1-Trichloroethane						0.00				Yes	B408748		08/24/14	08/24/14 0.3		1.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408748-BLK1	1,1,2,2-Tetrachloroethane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,1,2-Trichloroethane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,1,2-Trichlorotrifluoroethane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,1-Dichloroethane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,1-Dichloroethene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,1-Dichloropropene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,2,3-Trichlorobenzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,2,3-Trichloropropane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,2,4-Trichlorobenzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,2,4-Trimethylbenzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,2-Dibromo-3-chloropropane						0.00				Yes	B408748		08/24/14	08/24/14	1.0	1.0	1
B408748-BLK1	1,2-Dibromoethane (EDB)						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,2-Dichlorobenzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,2-Dichloroethane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,2-Dichloroethane-d4	113		70	130		11.3			10.0	Yes	B408748		08/24/14	08/24/14			1
B408748-BLK1	1,2-Dichloropropane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,3,5-Trimethylbenzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,3-Dichlorobenzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,3-Dichloropropane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	1,4-Dichlorobenzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	2,2-Dichloropropane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	2-Chlorotoluene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	2-Nitropropane						0.00				Yes	B408748		08/24/14	08/24/14	10.0	10.0	1
B408748-BLK1	4-Bromofluorobenzene	108		70	130		10.8			10.0	Yes	B408748		08/24/14	08/24/14			1
B408748-BLK1	4-Chlorotoluene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	4-Isopropyltoluene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408748-BLK1	Acetone						0.00				Yes	B408748		08/24/14	08/24/14 10:0		10.0	1
B408748-BLK1	Acrylonitrile						0.00				Yes	B408748		08/24/14	08/24/14 10:0		10.0	1
B408748-BLK1	Benzene						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Bromobenzene						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Bromochloromethane						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Bromodichloromethane						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Bromoform						0.00				Yes	B408748		08/24/14	08/24/14 1:0		1.0	1
B408748-BLK1	Bromomethane						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Carbon Disulfide						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Carbon Tetrachloride						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Chlorobenzene						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Chloroethane						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Chloroform						0.00				Yes	B408748		08/24/14	08/24/14 1:0		1.0	1
B408748-BLK1	Chloromethane						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	cis-1,2-Dichloroethene						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	cis-1,3-Dichloropropene						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Cyclohexanone						0.00				Yes	B408748		08/24/14	08/24/14 20:0		20.0	1
B408748-BLK1	Dibromochloromethane						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Dibromomethane						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Dichlorodifluoromethane						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Ethyl Acetate						0.00				Yes	B408748		08/24/14	08/24/14 10:0		10.0	1
B408748-BLK1	Ethyl Ether						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Ethylbenzene						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Hexachlorobutadiene						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1
B408748-BLK1	Isobutanol						0.00				Yes	B408748		08/24/14	08/24/14 10:0		10.0	1
B408748-BLK1	Isopropylbenzene						0.00				Yes	B408748		08/24/14	08/24/14 0:3		1.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408748-BLK1	Methyl Ethyl Ketone						0.00				Yes	B408748		08/24/14	08/24/14	10.0	10.0	1
B408748-BLK1	Methyl Isobutyl Ketone						0.00				Yes	B408748		08/24/14	08/24/14	10.0	10.0	1
B408748-BLK1	Methylene Chloride						0.00				Yes	B408748		08/24/14	08/24/14	1.0	1.0	1
B408748-BLK1	Methyl-tert-butyl ether (MTBE)						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Naphthalene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	n-Butyl Alcohol						0.00				Yes	B408748		08/24/14	08/24/14	40.0	40.0	1
B408748-BLK1	n-Butylbenzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Nitrobenzene						0.00				Yes	B408748		08/24/14	08/24/14	20.0	20.0	1
B408748-BLK1	n-Propyl Benzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	p-Isopropyltoluene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	sec-Butyl Benzene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Styrene						0.00				Yes	B408748		08/24/14	08/24/14	1.0	1.0	1
B408748-BLK1	tert-Butylbenzene						0.00				Yes	B408748		08/24/14	08/24/14	1.0	1.0	1
B408748-BLK1	Tetrachloroethene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Toluene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Toluene-d8	100		70	130		10.0			10.0	Yes	B408748		08/24/14	08/24/14			1
B408748-BLK1	trans-1,2-Dichloroethene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	trans-1,3-Dichloropropene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Trichloroethene						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Trichlorofluoromethane						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Vinyl Chloride						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1
B408748-BLK1	Xylenes, total						0.00				Yes	B408748		08/24/14	08/24/14	0.3	1.0	1

LCS - Method EPA 8260B

B408747-BS1	1,1-Dichloroethene	85.1		70	130		8.51			10.0	Yes	B408747		08/22/14	08/22/14	0.3	1.0	1
B408747-BS1	1,2-Dichloroethane-d4	105		70	130		10.5			10.0	Yes	B408747		08/22/14	08/22/14			1
B408747-BS1	4-Bromofluorobenzene	104		70	130		10.4			10.0	Yes	B408747		08/22/14	08/22/14			1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408747-BS1	Benzene	104		70	130		10.4			10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BS1	Chlorobenzene	101		70	130		10.1			10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BS1	Toluene	101		70	130		10.1			10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-BS1	Toluene-d8	100		70	130		10.0			10.0	Yes	B408747		08/22/14	08/22/14			1
B408747-BS1	Trichloroethene	101		70	130		10.1			10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408748-BS1	1,1-Dichloroethene	88.9		70	130		8.89			10.0	Yes	B408748		08/24/14	08/24/14 0.3		1.0	1
B408748-BS1	1,2-Dichloroethane-d4	112		70	130		11.2			10.0	Yes	B408748		08/24/14	08/24/14			1
B408748-BS1	4-Bromofluorobenzene	105		70	130		10.5			10.0	Yes	B408748		08/24/14	08/24/14			1
B408748-BS1	Benzene	107		70	130		10.7			10.0	Yes	B408748		08/24/14	08/24/14 0.3		1.0	1
B408748-BS1	Chlorobenzene	103		70	130		10.3			10.0	Yes	B408748		08/24/14	08/24/14 0.3		1.0	1
B408748-BS1	Toluene	106		70	130		10.6			10.0	Yes	B408748		08/24/14	08/24/14 0.3		1.0	1
B408748-BS1	Toluene-d8	102		70	130		10.2			10.0	Yes	B408748		08/24/14	08/24/14			1
B408748-BS1	Trichloroethene	104		70	130		10.4			10.0	Yes	B408748		08/24/14	08/24/14 0.3		1.0	1

Matrix Spike - Method EPA 8260B

B408747-MS1	1,1-Dichloroethene	86.9		70	130		8.69	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-MS1	1,2-Dichloroethane-d4	107		70	130		10.7	**1408496-01**		10.0	Yes	B408747		08/22/14	08/22/14			1
B408747-MS1	4-Bromofluorobenzene	106		70	130		10.6	**1408496-01**		10.0	Yes	B408747		08/22/14	08/22/14			1
B408747-MS1	Benzene	105		70	130		10.5	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-MS1	Chlorobenzene	101		70	130		10.1	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-MS1	Toluene	102		70	130		10.2	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408747-MS1	Toluene-d8	101		70	130		10.1	**1408496-01**		10.0	Yes	B408747		08/22/14	08/22/14			1
B408747-MS1	Trichloroethene	103		70	130		10.3	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3		1.0	1
B408748-MS1	1,1-Dichloroethene	80.9		70	130		40.4	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14 1.5		5.0	1
B408748-MS1	1,2-Dichloroethane-d4	109		70	130		54.6	**1408496-21**		50.0	Yes	B408748		08/24/14	08/24/14			1
B408748-MS1	4-Bromofluorobenzene	103		70	130		51.6	**1408496-21**		50.0	Yes	B408748		08/24/14	08/24/14			1
B408748-MS1	Benzene	100		70	130		50.2	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14 1.5		5.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408748-MS1	Chlorobenzene	95.4		70	130		47.7	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14 1.5		5.0	1
B408748-MS1	Toluene	97.1		70	130		48.6	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14 1.5		5.0	1
B408748-MS1	Toluene-d8	101		70	130		50.6	**1408496-21**		50.0	Yes	B408748		08/24/14	08/24/14			1
B408748-MS1	Trichloroethene	95.5		70	130		47.8	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14 1.5		5.0	1
B408748-MS2	1,1-Dichloroethene	95.0		70	130		475	XXXXXXX-XX	0	500	Yes	B408748		08/25/14	08/25/14 15.0		50.0	1
B408748-MS2	1,2-Dichloroethane-d4	108		70	130		540	XXXXXXX-XX		500	Yes	B408748		08/25/14	08/25/14			1
B408748-MS2	4-Bromofluorobenzene	106		70	130		529	XXXXXXX-XX		500	Yes	B408748		08/25/14	08/25/14			1
B408748-MS2	Benzene	109		70	130		543	XXXXXXX-XX	0	500	Yes	B408748		08/25/14	08/25/14 15.0		50.0	1
B408748-MS2	Chlorobenzene	103		70	130		514	XXXXXXX-XX	0	500	Yes	B408748		08/25/14	08/25/14 15.0		50.0	1
B408748-MS2	Toluene	107		70	130		536	XXXXXXX-XX	0	500	Yes	B408748		08/25/14	08/25/14 15.0		50.0	1
B408748-MS2	Toluene-d8	103		70	130		516	XXXXXXX-XX		500	Yes	B408748		08/25/14	08/25/14			1
B408748-MS2	Trichloroethene	106		70	130		530	XXXXXXX-XX	0	500	Yes	B408748		08/25/14	08/25/14 15.0		50.0	1

Matrix Spike Dup - Method EPA 8260B

B408747-MSD1	1,1-Dichloroethene	88.0	1.26	70	130	20	8.80	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3	1.0	1
B408747-MSD1	1,2-Dichloroethane-d4	107		70	130		10.7	**1408496-01**		10.0	Yes	B408747		08/22/14	08/22/14		1
B408747-MSD1	4-Bromofluorobenzene	106		70	130		10.6	**1408496-01**		10.0	Yes	B408747		08/22/14	08/22/14		1
B408747-MSD1	Benzene	107	1.98	70	130	20	10.7	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3	1.0	1
B408747-MSD1	Chlorobenzene	104	2.84	70	130	20	10.4	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3	1.0	1
B408747-MSD1	Toluene	105	2.61	70	130	20	10.5	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3	1.0	1
B408747-MSD1	Toluene-d8	100		70	130		10.0	**1408496-01**		10.0	Yes	B408747		08/22/14	08/22/14		1
B408747-MSD1	Trichloroethene	105	1.54	70	130	20	10.5	**1408496-01**	0	10.0	Yes	B408747		08/22/14	08/22/14 0.3	1.0	1
B408748-MSD1	1,1-Dichloroethene	81.1	0.247	70	130	20	40.6	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14 1.5	5.0	1
B408748-MSD1	1,2-Dichloroethane-d4	113		70	130		56.6	**1408496-21**		50.0	Yes	B408748		08/24/14	08/24/14		1
B408748-MSD1	4-Bromofluorobenzene	106		70	130		53.2	**1408496-21**		50.0	Yes	B408748		08/24/14	08/24/14		1
B408748-MSD1	Benzene	101	1.09	70	130	20	50.7	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14 1.5	5.0	1
B408748-MSD1	Chlorobenzene	97.6	2.28	70	130	20	48.8	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14 1.5	5.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408748-MSD1	Toluene	98.6	1.53	70	130	20	49.3	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14	1.5	5.0	1
B408748-MSD1	Toluene-d8	102		70	130		50.8	**1408496-21**		50.0	Yes	B408748		08/24/14	08/24/14			1
B408748-MSD1	Trichloroethene	99.8	4.40	70	130	20	49.9	**1408496-21**	0	50.0	Yes	B408748		08/24/14	08/24/14	1.5	5.0	1

Surrogate Summary for Sample Delivery Group - 1408496

QC ID	Surrogate	% Rec	LCL	UCL	Result	Spk Value	Batch	DF
Method EPA 8260B								
1408496-01	1,2-Dichloroethane-d4	110	70	130	11.0	10.0	B408747	1
1408496-01	4-Bromofluorobenzene	105	70	130	10.5	10.0	B408747	1
1408496-01	Toluene-d8	101	70	130	10.1	10.0	B408747	1
1408496-02	1,2-Dichloroethane-d4	110	70	130	11.0	10.0	B408747	1
1408496-02	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
1408496-02	Toluene-d8	100	70	130	10.0	10.0	B408747	1
1408496-03	1,2-Dichloroethane-d4	110	70	130	11.0	10.0	B408747	1
1408496-03	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
1408496-03	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-04	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B408747	1
1408496-04	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408747	1
1408496-04	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-05	1,2-Dichloroethane-d4	115	70	130	11.5	10.0	B408747	1
1408496-05	4-Bromofluorobenzene	108	70	130	10.8	10.0	B408747	1
1408496-05	Toluene-d8	103	70	130	10.3	10.0	B408747	1
1408496-06	1,2-Dichloroethane-d4	105	70	130	10.5	10.0	B408747	1
1408496-06	4-Bromofluorobenzene	108	70	130	10.8	10.0	B408747	1
1408496-06	Toluene-d8	101	70	130	10.1	10.0	B408747	1
1408496-07	1,2-Dichloroethane-d4	108	70	130	10.8	10.0	B408747	1
1408496-07	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
1408496-07	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-08	1,2-Dichloroethane-d4	107	70	130	10.7	10.0	B408747	1
1408496-08	4-Bromofluorobenzene	105	70	130	10.5	10.0	B408747	1
1408496-08	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-09	1,2-Dichloroethane-d4	110	70	130	11.0	10.0	B408747	1
1408496-09	4-Bromofluorobenzene	105	70	130	10.5	10.0	B408747	1
1408496-09	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-10	1,2-Dichloroethane-d4	108	70	130	10.8	10.0	B408747	1
1408496-10	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
1408496-10	Toluene-d8	101	70	130	10.1	10.0	B408747	1
1408496-11	1,2-Dichloroethane-d4	107	70	130	10.7	10.0	B408747	1
1408496-11	4-Bromofluorobenzene	103	70	130	10.3	10.0	B408747	1

QC ID	Surrogate	% Rec	LCL	UCL	Result	Spk Value	Batch	DF
1408496-11	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-12	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B408747	1
1408496-12	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408747	1
1408496-12	Toluene-d8	99.9	70	130	9.99	10.0	B408747	1
1408496-13	1,2-Dichloroethane-d4	110	70	130	11.0	10.0	B408747	1
1408496-13	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
1408496-13	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-14	1,2-Dichloroethane-d4	108	70	130	10.8	10.0	B408747	1
1408496-14	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
1408496-14	Toluene-d8	101	70	130	10.1	10.0	B408747	1
1408496-15	1,2-Dichloroethane-d4	107	70	130	10.7	10.0	B408747	1
1408496-15	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408747	1
1408496-15	Toluene-d8	100	70	130	10.0	10.0	B408747	1
1408496-16	1,2-Dichloroethane-d4	110	70	130	11.0	10.0	B408747	1
1408496-16	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
1408496-16	Toluene-d8	101	70	130	10.1	10.0	B408747	1
1408496-17	1,2-Dichloroethane-d4	111	70	130	11.1	10.0	B408747	1
1408496-17	4-Bromofluorobenzene	105	70	130	10.5	10.0	B408747	1
1408496-17	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-18	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B408747	1
1408496-18	4-Bromofluorobenzene	105	70	130	10.5	10.0	B408747	1
1408496-18	Toluene-d8	100	70	130	10.0	10.0	B408747	1
1408496-19	1,2-Dichloroethane-d4	112	70	130	11.2	10.0	B408747	1
1408496-19	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
1408496-19	Toluene-d8	102	70	130	10.2	10.0	B408747	1
1408496-20	1,2-Dichloroethane-d4	114	70	130	11.4	10.0	B408747	1
1408496-20	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408747	1
1408496-20	Toluene-d8	99.3	70	130	9.93	10.0	B408747	1
1408496-21	1,2-Dichloroethane-d4	110	70	130	11.0	10.0	B408748	1
1408496-21	4-Bromofluorobenzene	108	70	130	10.8	10.0	B408748	1
1408496-21	Toluene-d8	100	70	130	10.0	10.0	B408748	1
1408496-22	1,2-Dichloroethane-d4	116	70	130	11.6	10.0	B408748	1
1408496-22	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408748	1
1408496-22	Toluene-d8	101	70	130	10.1	10.0	B408748	1
1408496-23	1,2-Dichloroethane-d4	115	70	130	11.5	10.0	B408748	1

QC ID	Surrogate	% Rec	LCL	UCL	Result	Spk Value	Batch	DF
1408496-23	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408748	1
1408496-23	Toluene-d8	101	70	130	10.1	10.0	B408748	1
1408496-24	1,2-Dichloroethane-d4	114	70	130	11.4	10.0	B408748	1
1408496-24	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408748	1
1408496-24	Toluene-d8	101	70	130	10.1	10.0	B408748	1
1408496-25	1,2-Dichloroethane-d4	115	70	130	11.5	10.0	B408748	1
1408496-25	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408748	1
1408496-25	Toluene-d8	102	70	130	10.2	10.0	B408748	1
1408496-26	1,2-Dichloroethane-d4	114	70	130	11.4	10.0	B408748	1
1408496-26	4-Bromofluorobenzene	105	70	130	10.5	10.0	B408748	1
1408496-26	Toluene-d8	101	70	130	10.1	10.0	B408748	1
1408496-27	1,2-Dichloroethane-d4	118	70	130	11.8	10.0	B408748	1
1408496-27	4-Bromofluorobenzene	105	70	130	10.5	10.0	B408748	1
1408496-27	Toluene-d8	102	70	130	10.2	10.0	B408748	1
1408496-28	1,2-Dichloroethane-d4	118	70	130	11.8	10.0	B408748	1
1408496-28	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408748	1
1408496-28	Toluene-d8	104	70	130	10.4	10.0	B408748	1
B408747-BLK1	1,2-Dichloroethane-d4	109	70	130	10.9	10.0	B408747	1
B408747-BLK1	4-Bromofluorobenzene	107	70	130	10.7	10.0	B408747	1
B408747-BLK1	Toluene-d8	101	70	130	10.1	10.0	B408747	1
B408747-BS1	1,2-Dichloroethane-d4	105	70	130	10.5	10.0	B408747	1
B408747-BS1	4-Bromofluorobenzene	104	70	130	10.4	10.0	B408747	1
B408747-BS1	Toluene-d8	100	70	130	10.0	10.0	B408747	1
B408747-MS1	1,2-Dichloroethane-d4	107	70	130	10.7	10.0	B408747	1
B408747-MS1	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408747	1
B408747-MS1	Toluene-d8	101	70	130	10.1	10.0	B408747	1
B408747-MSD1	1,2-Dichloroethane-d4	107	70	130	10.7	10.0	B408747	1
B408747-MSD1	4-Bromofluorobenzene	106	70	130	10.6	10.0	B408747	1
B408747-MSD1	Toluene-d8	100	70	130	10.0	10.0	B408747	1
B408748-BLK1	1,2-Dichloroethane-d4	113	70	130	11.3	10.0	B408748	1
B408748-BLK1	4-Bromofluorobenzene	108	70	130	10.8	10.0	B408748	1
B408748-BLK1	Toluene-d8	100	70	130	10.0	10.0	B408748	1
B408748-BS1	1,2-Dichloroethane-d4	112	70	130	11.2	10.0	B408748	1
B408748-BS1	4-Bromofluorobenzene	105	70	130	10.5	10.0	B408748	1
B408748-BS1	Toluene-d8	102	70	130	10.2	10.0	B408748	1

QC ID	Surrogate	% Rec	LCL	UCL	Result	Spk Value	Batch	DF
B408748-MS1	1,2-Dichloroethane-d4	109	70	130	54.6	50.0	B408748	1
B408748-MS1	4-Bromofluorobenzene	103	70	130	51.6	50.0	B408748	1
B408748-MS1	Toluene-d8	101	70	130	50.6	50.0	B408748	1
B408748-MS2	1,2-Dichloroethane-d4	108	70	130	540	500	B408748	1
B408748-MS2	4-Bromofluorobenzene	106	70	130	529	500	B408748	1
B408748-MS2	Toluene-d8	103	70	130	516	500	B408748	1
B408748-MSD1	1,2-Dichloroethane-d4	113	70	130	56.6	50.0	B408748	1
B408748-MSD1	4-Bromofluorobenzene	106	70	130	53.2	50.0	B408748	1
B408748-MSD1	Toluene-d8	102	70	130	50.8	50.0	B408748	1

Chloroform Program

1 of 3

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

CHEMTECH-FORD LABORATORIES

COMPANY:	Energy Fuels Resources (USA) Inc.		Jan Dalla
ADDRESS:	6425 South Highway 191	BILLING ADDRESS:	225 Union Boulevard, Suite 600
CITY/STATE/ZIP:	Blanding Utah 84511	BILLING CITY/STATE/ZIP:	Lakewood, Colorado 80228
PHONE #:	435-678-4115 FAX:	PURCHASE ORDER #:	
CONTACT:	Garrin Palmer PROJECT: White Mesa Mill		
EMAIL:	gpalmer@energyfuels.com, kweinel@energyfuels.com	TURNAROUND REQUIRED:*	Standard

* Expedited turnaround subject to additional charge

Lab Use Only	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine	Nitrate/Nitrite asn N (353.2)	Chloride (SM4500-Cl B or SM4500-Cl E or E300.0)	VOCs (8260B or 8260C) (Carbon Tetrachloride, Chloroform, Methylene Chloride, Chloromethane)	Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	E Coli Only
08496												
-01	1. TW4-03R_08122014	8/12/2014	0641	GW		X	X	X				
-02	2. TW4-03_08132014	8/13/2014	0847	GW		X	X	X				
-03	3. TW4-12_08132014	8/13/2014	0857	GW		X	X	X				
-04	4. TW4-28_08132014	8/13/2014	0905	GW		X	X	X				
-05	5. TW4-32_08132014	8/13/2014	0914	GW		X	X	X				
-06	6. TW4-13_08132014	8/13/2014	0921	GW		X	X	X				
-07	7. TW4-14_08132014	8/13/2014	0930	GW		X	X	X				
-08	8. TW4-27_08132014	8/13/2014	0937	GW		X	X	X				
-09	9. TW4-30_08132014	8/13/2014	0944	GW		X	X	X				
-10	10. TW4-31_08132014	8/13/2014	0955	GW		X	X	X				
-11	11. TW4-34_08132014	8/13/2014	1005	GW		X	X	X				
-12	12. TW4-23_08132014	8/13/2014	1015	GW		X	X	X				
-13	13. TW4-09_08142014	8/14/2014	0755	GW		X	X	X				

Sampled by: Tanner Holliday [signature]

Sampled by: [signature]

ON ICE (circled) NOT ON ICE Temp (C°):

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Special Instructions: ~~TW4-60 is a DI System blank - please run this after the batch QC/MS at the beginning of the analytical run.~~ PDF Data packages are to be sent to Garrin Palmer and Kathy Weinel.

↑ DISREGARD PER TANNER HOLLIDAY 08-15-14

Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
[signature]	8/14/2014 1030	[signature]	8/15/14 9:35

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

FED EX TRACKING #: 8032-7122-3690

Chloroform Program

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY:	Energy Fuels Resources (USA) Inc.	**BILLING ADDRESS:**	Jan Dalla 225 Union Boulevard, Suite 600
ADDRESS:	6425 South Highway 191	**BILLING CITY/STATE/ZIP:**	Lakewood, Colorado 80228
CITY/STATE/ZIP:	Blanding Utah 84511	**PURCHASE ORDER #:**	
PHONE #:	435-678-4115 **FAX:**		
CONTACT:	Garrin Palmer **PROJECT:** White Mesa Mill		
EMAIL:	gpalmer@energyfuels.com, kweinel@energyfuels.com	**TURNAROUND REQUIRED:***	Standard

CHEMTECH-FORD LABORATORIES

* Expedited turnaround subject to additional charge

Lab Use Only	CLIENT SAMPLE INFORMATION					TESTS REQUESTED																Bacteria			
08496	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine	Nitrate/Nitrite asn N (353.2)	Chloride (SM4500-Cl B or SM4500-Cl E or E300.0)	VOCs (8260B or 8260C) (Carbon Tetrachloride, Chloroform, Methylene Chloride, Chloromethane)														Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	E. Coli Only
-14	1 TW4_25_08112014	8/11/2014	1228	GW		X	X	X																	
-15	2 TW4-26_08142014	8/14/2014	0806	GW		X	X	X																	
-16	3 TW4-06_08142014	8/14/2014	0814	GW		X	X	X																	
-17	4 TW4-05_08142014	8/14/2014	0823	GW		X	X	X																	
-18	5 TW4-16_08142014	8/14/2014	0832	GW		X	X	X																	
-19	6 TW4-18_08142014	8/14/2014	0844	GW		X	X	X																	
-20	7 TW4-24_08112014	8/11/2014	1247	GW		X	X	X																	
-21	8 TW4-19_08112014	8/11/2014	1400	GW		X	X	X																	
-22	9 TW4-04_08112014	8/11/2014	1332	GW		X	X	X																	
-23	10 MW-04_08112014	8/11/2014	1324	GW		X	X	X																	
-24	11 MW-26_08112014	8/11/2014	1315	GW		X	X	X																	
-25	12 TW4-22_08112014	8/11/2014	1256	GW		X	X	X																	
-26	13 TW4-20_08112014	8/11/2014	1306	GW		X	X	X																	

Sampled by: Tanner Holliday — Sampled by: [signature]

ON ICE NOT ON ICE Temp (C°):

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Special instructions: TW4-60 is a DI System blank - please run this after the batch QC/MB at the beginning of the analytical run. PDF Data packages are to be sent to Garrin Palmer and Kathy Weinel.

Relinquished by: [signature]		Date/Time	8/14/2014 1030	Received by: [signature]	Date/Time 8/15/14 935
Relinquished by: [signature]		Date/Time		Received by: [signature]	Date/Time
Relinquished by: [signature]		Date/Time		Received by: [signature]	Date/Time

CHEMTECH-FORD
9632 South 500 West
Sandy, UT 84070

801.262.7299 PHONE
866.792.0093 FAX
www.chemtechford.com

Payment Terms are net 30 days OAC 1.5% interest charge per month (18% per annum) Client agrees to pay collection costs and attorney's fees.

CHEMTECH - FORD ANALYTICAL LABORATORY

Chloroform Program

Jan Dalla

CHAIN OF CUSTODY

COMPANY: Energy Fuels Resources (USA) Inc.
ADDRESS: 6425 South Highway 191
CITY/STATE/ZIP: Blanding Utah 84511
PHONE #: 435-678-4115 **FAX:**
CONTACT: Garrin Palmer **PROJECT:** White Mesa Mill
EMAIL: gpalmer@energyfuels.com, kweinel@energyfuels.com

BILLING ADDRESS: 225 Union Boulevard, Suite 600
BILLING CITY/STATE/ZIP: Lakewood, Colorado 80228
PURCHASE ORDER #:

CHEMTECH-FORD LABORATORIES

TURNAROUND REQUIRED:* Standard
* Expedited turnaround subject to additional charge

Lab Use Only	CLIENT SAMPLE INFORMATION					TESTS REQUESTED																		Bacteria			
	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine	Nitrate/Nitrite asn N (353.2)	Chloride (SM4500-Cl B or SM4500-Cl E or E300.0)	VOCs (8260B or 8260C) (Carbon Tetrachloride, Chloroform, Methylene Chloride, Chloromethane)																Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	E. Coli Only
08416																											
-27	1 TW4-65_08132014	8/13/2014	0905	GW		X	X	X																			
-28	2. TRIP BLANK	8/11/2014		GW				X																			
	3. TEMP BLANK	8/14/2014		GW																							
	4.			GW																							
	5.			GW																							
	6.			GW																							
	7			GW																							
	8.			GW																							
	9			GW																							
	10			GW																							
	11.			GW																							
	12.			GW																							
	13			GW																							

Sampled by: Tanner Holliday — Sampled by: [signature]

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Special Instructions: TW4-60 is a DI System Blank - please run this after the batch QC/MB at the beginning of the analytical run. PDF Data packages are to be sent to Garrin Palmer and Kathy Weinel.

Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Tanner Holliday	8/14/2014 10:30		8/15/14 9:35
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time

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CHEMTECH FORD LABORATORIES

Sample Receipt

CHEMTECH-FORD LABORATORIES

Work Order # 08496

Delivery Method:

- ☐ UPS ☐ USPS
- ☑ FedEx ☐ Chemtech Courier
- ☐ Walk-in ☐ Courier

Receiving Temperature 5.3 °C

Sample #	Container	Chemtech Lot # or Preservative	Number of Subsamples	Preserved by Client/Third Party	Preserved in Receiving/Laboratory	Filtered in Field by Client	Misc Volume (in mL)	Comments
01-08	AP							
	N	296						
	W1-3	298						
09	AP							
	N	292						
	W1-3	298						
10-13	AP							
	N	296						
	W1-3	298						
14	AP							
	N	292						
	W1-3	298						
15-20	AP							
	N	296						
	W1-3	298						
21-27	AP							
	N	292						
	W1-3	298						
28	W1-3	HCL		X				

Sample Condition (check if yes)

- ☑ Custody Seals
- ☑ Containers Intact
- ☑ COC/Labels Agree
- ☑ Preservation Confirmed
- ☑ Received on Ice
- ☑ Correct Containers(s)
- ☑ Sufficient Sample Volume
- ☐ Headspace Present (VOC)
- ☑ Temperature Blank
- ☑ Received within Holding Time

Plastic Containers

- A- Plastic Unpreserved
- B- Miscellaneous Plastic
- C- Cyanide Qt (NaOH)
- F- Sulfide Qt (Zn Acetate)
- L- Mercury 1631
- M- Metals Pint (HNO3)
- N- Nutrient Pint (H2SO4)
- R- Radiological (HNO3)
- S- Sludge Cups/Tubs
- Q- Plastic Bag
- E- Coliform/Ecoli

Glass Containers

- D- 625 (Na2S2O3)
- G- Glass Unpreserved
- H- HAAs (NH4Cl)
- J- 508/515/525 (Na2SO3)
- K- 515.3 Herbicides
- O- Oil & Grease (HCl)
- P- Phenols (H2SO4)
- T- TOC/TOX (H3PO4)
- U- 531 (MCAA, Na2S2O3)
- V- 524/THMs (Ascorbic Acid)
- W- 8260 VOC (1:1 HCl)
- X- Vial Unpreserved
- Y- 624/504 (Na2S2O3)
- Z- Miscellaneous Glass

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Report Footnotes

Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.
1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.
1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.
1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

Flag Descriptions

CHEMTECH-FORD
LABORATORIES

9/18/2014

Work Order: 1409251

Energy Fuels

Attn: Garrin Palmer

6425 South Highway 191

Blanding, UT 84511

Client Service Contact: 801.262.7299

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.

Approved By: Dave Gayer, Laboratory Director

CHEMTECH-FORD LABORATORIES

Case Narrative for Sample Delivery Group - 1409251

Energy Fuels

SampleID	SampleName	Matrix	Sampled	Received
1409251-01	TW4-33R_08252014	Water	08/25/2014	08/28/2014
1409251-02	MW-32_08262014	Water	08/26/2014	08/28/2014
1409251-03	TW4-33_08272014	Water	08/27/2014	08/28/2014
1409251-04	TW4-08_08272014	Water	08/27/2014	08/28/2014
1409251-05	TW4-21_08272014	Water	08/27/2014	08/28/2014
1409251-06	TW4-29_08272014	Water	08/27/2014	08/28/2014
1409251-07	TW4-11_08272014	Water	08/27/2014	08/28/2014
1409251-08	TW4-07_08272014	Water	08/27/2014	08/28/2014
1409251-09	TW4-01_08272014	Water	08/27/2014	08/28/2014
1409251-10	TW4-10_08272014	Water	08/27/2014	08/28/2014
1409251-11	TW4-02_08272014	Water	08/27/2014	08/28/2014
1409251-12	TW4-35_08272014	Water	08/27/2014	08/28/2014
1409251-13	TW4-36_08272014	Water	08/27/2014	08/28/2014
1409251-14	TW4-60_08272014	Water	08/27/2014	08/28/2014
1409251-15	TW4-70_08272014	Water	08/27/2014	08/28/2014
1409251-16	Trip Blank	Water	08/25/2014	08/28/2014

Method Blanks

All method blanks were below the Minimum Reporting Limit (MRL).

Laboratory Control Samples

All Laboratory Control Sample (LCS) recoveries were within laboratory control limits.

Holding Times

All preparations and analyses were performed within holding times

Matrix Spike/Matrix Spike Duplicate

All Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries were within control except for those noted in the QC report.

Surrogates

All surrogates were within laboratory control limits.

Analytical Summary - 1409251

Lab ID: 1409251-01
Client ID: TW4-33R_08252014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-02
Client ID: MW-32_08262014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-03
Client ID: TW4-33_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-04
Client ID: TW4-08_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-05
Client ID: TW4-21_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-06
Client ID: TW4-29_08272014
Matrix: Water

Analyses

EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-07
Client ID: TW4-11_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-08
Client ID: TW4-07_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-09
Client ID: TW4-01_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-10
Client ID: TW4-10_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-11
Client ID: TW4-02_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-12
Client ID: TW4-35_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-13
Client ID: TW4-36_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-14
Client ID: TW4-60_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-15
Client ID: TW4-70_08272014
Matrix: Water

Analyses
EPA 300.0
EPA 353.2
EPA 8260B

Lab ID: 1409251-16
Client ID: Trip Blank
Matrix: Water

Analyses
EPA 8260B

QC Summary for Sample Delivery Group - 1409251

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
Calibration Blank - Method EPA 300.0																		
4H31004-CCB1	Chloride						0					4H31004		08/29/14	08/29/14			1
4H31004-CCB2	Chloride						0					4H31004		08/29/14	08/29/14			1
4H31004-CCB3	Chloride						0					4H31004		08/29/14	08/29/14			1
4H31004-CCB4	Chloride						0					4H31004		08/29/14	08/29/14			1
Calibration Check - Method EPA 300.0																		
4H31004-CCV1	Chloride	100		90	110		20			20.0		4H31004		08/29/14	08/29/14			1
4H31004-CCV2	Chloride	100		90	110		20			20.0		4H31004		08/29/14	08/29/14			1
4H31004-CCV3	Chloride	100		90	110		20			20.0		4H31004		08/29/14	08/29/14			1
4H31004-CCV4	Chloride	100		90	110		20			20.0		4H31004		08/29/14	08/29/14			1
LCSW - Method EPA 300.0																		
B408924-BS1	Chloride	98.0		90	110		49			50.0		B408924		08/29/14	08/29/14	0.07	1	1
B408924-BS2	Chloride	98.0		90	110		49			50.0		B408924		08/29/14	08/29/14	0.07	1	1
B408925-BS1	Chloride	98.0		90	110		49			50.0		B408925		08/29/14	08/29/14	0.07	1	1
LCSW Dup - Method EPA 300.0																		
B408924-BSD1	Chloride	98.0	0.00	90	110	20	49			50.0		B408924		08/29/14	08/29/14	0.07	1	1
B408924-BSD2	Chloride	100	2.02	90	110	20	50			50.0		B408924		08/29/14	08/29/14	0.07	1	1
B408925-BSD1	Chloride	98.0	0.00	90	110	20	49			50.0		B408925		08/29/14	08/29/14	0.07	1	1
Matrix Spike - Method EPA 300.0																		
B408924-MS1	Chloride	**-130**		80	120		217	**1409251-05**	230	10.0		B408924		08/29/14	08/29/14	0.07	1	1
QM-4X - The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.																		
B408924-MS2	Chloride	80.0		80	120		310	**1409251-05**	230	100		B408924		08/29/14	08/29/14	0.7	10	10
B408924-MS3	Chloride	80.0		80	120		42	**1409251-12**	34	10.0		B408924		08/29/14	08/29/14	0.07	1	1
B408924-MS4	Chloride	96.0		80	120		130	**1409251-12**	34	100		B408924		08/29/14	08/29/14	0.7	10	10
B408925-MS1	Chloride	100		80	120		10	**1409251-14**	0	10.0		B408925		08/29/14	08/29/14	0.07	1	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B408925-MS2	Chloride	100		80	120		100	**1409251-14**	0	100		B408925		08/29/14	08/29/14	0.7	10	10

Matrix Spike Dup - Method EPA 300.0

B408924-MSD1	Chloride	**-150**	0.926	80	120	20	215	**1409251-05**	230	10.0		B408924		08/29/14	08/29/14	0.07	1	1
QM-4X - The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.																		
B408924-MSD2	Chloride	80.0	0.00	80	120	20	310	**1409251-05**	230	100		B408924		08/29/14	08/29/14	0.7	10	10
B408924-MSD3	Chloride	80.0	0.00	80	120	20	42	**1409251-12**	34	10.0		B408924		08/29/14	08/29/14	0.07	1	1
B408924-MSD4	Chloride	96.0	0.00	80	120	20	130	**1409251-12**	34	100		B408924		08/29/14	08/29/14	0.7	10	10
B408925-MSD1	Chloride	100	0.00	80	120	20	10	**1409251-14**	0	10.0		B408925		08/29/14	08/29/14	0.07	1	1
B408925-MSD2	Chloride	100	0.00	80	120	20	100	**1409251-14**	0	100		B408925		08/29/14	08/29/14	0.7	10	10

PBW - Method EPA 300.0

B408924-BLK1	Chloride						0					B408924		08/29/14	08/29/14	0.07	1	1
B408924-BLK2	Chloride						0					B408924		08/31/14	08/31/14	0.07	1	1
B408925-BLK1	Chloride						0					B408925		08/29/14	08/29/14	0.07	1	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
Blank - Method EPA 353.2																		
B409365-BLK1	Nitrate + Nitrite, Total						0.08					B409365		09/12/14	09/12/14	0.03	0.1	1
B409368-BLK1	Nitrate + Nitrite, Total						0.1					B409368		09/12/14	09/12/14	0.03	0.1	1
B409502-BLK1	Nitrate + Nitrite, Total						0.01					B409502		09/17/14	09/17/14	0.03	0.1	1
Calibration Blank - Method EPA 353.2																		
4I10023-CCB1	Nitrate + Nitrite, Total						0.04					4I10023		09/10/14	09/10/14			1
4I10023-CCB2	Nitrate + Nitrite, Total						0.02					4I10023		09/10/14	09/10/14			1
4I10023-CCB3	Nitrate + Nitrite, Total						0.02					4I10023		09/10/14	09/10/14			1
4I10023-CCB4	Nitrate + Nitrite, Total						0.01					4I10023		09/10/14	09/10/14			1
4I12022-CCB1	Nitrate + Nitrite, Total						0.04					4I12022		09/12/14	09/12/14			1
4I12023-CCB1	Nitrate + Nitrite, Total						0.06					4I12023		09/12/14	09/12/14			1
4I17023-CCB1	Nitrate + Nitrite, Total						0.01					4I17023		09/17/14	09/17/14			1
Calibration Check - Method EPA 353.2																		
4I10023-CCV1	Nitrate + Nitrite, Total	96.0		90	110		1.0			1.00		4I10023		09/10/14	09/10/14			1
4I10023-CCV2	Nitrate + Nitrite, Total	94.0		90	110		0.9			1.00		4I10023		09/10/14	09/10/14			1
4I10023-CCV3	Nitrate + Nitrite, Total	95.0		90	110		1.0			1.00		4I10023		09/10/14	09/10/14			1
4I10023-CCV4	Nitrate + Nitrite, Total	94.0		90	110		0.9			1.00		4I10023		09/10/14	09/10/14			1
4I12022-CCV1	Nitrate + Nitrite, Total	93.0		90	110		0.9			1.00		4I12022		09/12/14	09/12/14			1
4I12023-CCV1	Nitrate + Nitrite, Total	92.0		90	110		0.9			1.00		4I12023		09/12/14	09/12/14			1
4I17023-CCV1	Nitrate + Nitrite, Total	97.0		90	110		1.0			1.00		4I17023		09/17/14	09/17/14			1
Initial Cal Blank - Method EPA 353.2																		
4I10023-ICB1	Nitrate + Nitrite, Total						0.04					4I10023		09/10/14	09/10/14			1
4I12022-ICB1	Nitrate + Nitrite, Total						0.03					4I12022		09/12/14	09/12/14			1
4I12023-ICB1	Nitrate + Nitrite, Total						0.05					4I12023		09/12/14	09/12/14			1
4I17023-ICB1	Nitrate + Nitrite, Total						0.02					4I17023		09/17/14	09/17/14			1
Initial Cal Check - Method EPA 353.2																		

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
4I10023-ICV1	Nitrate + Nitrite, Total	92.0		90	110		0.9			1.00		4I10023		09/10/14	09/10/14			1
4I12022-ICV1	Nitrate + Nitrite, Total	92.0		90	110		0.9			1.00		4I12022		09/12/14	09/12/14			1
4I12023-ICV1	Nitrate + Nitrite, Total	90.0		90	110		0.9			1.00		4I12023		09/12/14	09/12/14			1
4I17023-ICV1	Nitrate + Nitrite, Total	98.0		90	110		1.0			1.00		4I17023		09/17/14	09/17/14			1
LCS - Method EPA 353.2																		
B409365-BS1	Nitrate + Nitrite, Total	95.0		90	110		1.9			2.00		B409365		09/12/14	09/12/14	0.03	0.1	1
B409368-BS1	Nitrate + Nitrite, Total	91.0		90	110		1.8			2.00		B409368		09/12/14	09/12/14	0.03	0.1	1
B409502-BS1	Nitrate + Nitrite, Total	93.0		90	110		1.9			2.00		B409502		09/17/14	09/17/14	0.03	0.1	1
Matrix Spike - Method EPA 353.2																		
B409277-MS1	Nitrate + Nitrite, Total	92.0		80	120		1.6	**1409251-04**	0.6	1.00		B409277		09/10/14	09/10/14	0.03	0.1	1
B409365-MS1	Nitrate + Nitrite, Total	**71.0**		80	120		0.7	**1409251-14**	0	1.00		B409365		09/12/14	09/12/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		
B409368-MS1	Nitrate + Nitrite, Total	82.0		80	120		1.1	**1409251-12**	0.2	1.00		B409368		09/12/14	09/12/14	0.03	0.1	1
B409502-MS1	Nitrate + Nitrite, Total	95.0		80	120		1.0	XXXXXXX-XX	0	1.00		B409502		09/17/14	09/17/14	0.03	0.1	1
Matrix Spike Dup - Method EPA 353.2																		
B409277-MSD1	Nitrate + Nitrite, Total	90.0	1.29	80	120	20	1.5	**1409251-04**	0.6	1.00		B409277		09/10/14	09/10/14	0.03	0.1	1
B409365-MSD1	Nitrate + Nitrite, Total	**74.0**	4.14	80	120	20	0.7	**1409251-14**	0	1.00		B409365		09/12/14	09/12/14	0.03	0.1	1
QM-05 - The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The analytical batch was accepted based on the acceptable data provided by the Laboratory Control Sample(s) [LCS] and/or LCS Duplicates.																		
B409368-MSD1	Nitrate + Nitrite, Total	80.0	1.90	80	120	20	1.0	**1409251-12**	0.2	1.00		B409368		09/12/14	09/12/14	0.03	0.1	1
B409502-MSD1	Nitrate + Nitrite, Total	97.0	2.08	80	120	20	1.0	XXXXXXX-XX	0	1.00		B409502		09/17/14	09/17/14	0.03	0.1	1

Blank - Method EPA 8260B

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409138-BLK1	1,1,1,2-Tetrachloroethane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,1,1-Trichloroethane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,1,2,2-Tetrachloroethane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,1,2-Trichloroethane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,1,2-Trichlorotrifluoroethane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,1-Dichloroethane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,1-Dichloroethene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,1-Dichloropropene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,2,3-Trichlorobenzene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,2,3-Trichloropropane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,2,4-Trichlorobenzene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,2,4-Trimethylbenzene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,2-Dibromo-3-chloropropane						0.00				Yes	B409138		09/04/14	09/04/14 1.0		1.0	1
B409138-BLK1	1,2-Dibromoethane (EDB)						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,2-Dichlorobenzene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,2-Dichloroethane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,2-Dichloroethane-d4	105		70	130		10.5			10.0	Yes	B409138		09/04/14	09/04/14			1
B409138-BLK1	1,2-Dichloropropane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,3,5-Trimethylbenzene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,3-Dichlorobenzene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,3-Dichloropropane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	1,4-Dichlorobenzene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	2,2-Dichloropropane						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	2-Chlorotoluene						0.00				Yes	B409138		09/04/14	09/04/14 0.3		1.0	1
B409138-BLK1	2-Nitropropane						0.00				Yes	B409138		09/04/14	09/04/14 10.0		10.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409138-BLK1	4-Bromofluorobenzene	106		70	130		10.6			10.0	Yes	B409138		09/04/14	09/04/14			1
B409138-BLK1	4-Chlorotoluene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Acetone						0.00				Yes	B409138		09/04/14	09/04/14	10.0	10.0	1
B409138-BLK1	Acrylonitrile						0.00				Yes	B409138		09/04/14	09/04/14	10.0	10.0	1
B409138-BLK1	Bromobenzene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Bromochloromethane						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Bromodichloromethane						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Bromoform						0.00				Yes	B409138		09/04/14	09/04/14	1.0	1.0	1
B409138-BLK1	Bromomethane						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Carbon Disulfide						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Carbon Tetrachloride						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Chlorobenzene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Chloroform						0.00				Yes	B409138		09/04/14	09/04/14	1.0	1.0	1
B409138-BLK1	Chloromethane						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Cyclohexanone						0.00				Yes	B409138		09/04/14	09/04/14	20.0	20.0	1
B409138-BLK1	Dibromochloromethane						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Dibromomethane						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Dichlorodifluoromethane						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Ethyl Acetate						0.00				Yes	B409138		09/04/14	09/04/14	10.0	10.0	1
B409138-BLK1	Ethyl Ether						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Ethylbenzene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Hexachlorobutadiene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Isobutanol						0.00				Yes	B409138		09/04/14	09/04/14	10.0	10.0	1
B409138-BLK1	Isopropylbenzene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Methyl Ethyl Ketone						0.00				Yes	B409138		09/04/14	09/04/14	10.0	10.0	1
B409138-BLK1	Methyl Isobutyl Ketone						0.00				Yes	B409138		09/04/14	09/04/14	10.0	10.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409138-BLK1	Methylene Chloride						0.00				Yes	B409138		09/04/14	09/04/14	1.0	1.0	1
B409138-BLK1	Methyl-tert-butyl ether (MTBE)						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Naphthalene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	n-Butyl Alcohol						0.00				Yes	B409138		09/04/14	09/04/14	40.0	40.0	1
B409138-BLK1	n-Butylbenzene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Nitrobenzene						0.00				Yes	B409138		09/04/14	09/04/14	20.0	20.0	1
B409138-BLK1	n-Propyl Benzene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	p-Isopropyltoluene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	sec-Butyl Benzene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Styrene						0.00				Yes	B409138		09/04/14	09/04/14	1.0	1.0	1
B409138-BLK1	tert-Butylbenzene						0.00				Yes	B409138		09/04/14	09/04/14	1.0	1.0	1
B409138-BLK1	Tetrachloroethene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Toluene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Toluene-d8	101		70	130		10.1			10.0	Yes	B409138		09/04/14	09/04/14			1
B409138-BLK1	trans-1,2-Dichloroethene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	trans-1,3-Dichloropropene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Trichloroethene						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Trichlorofluoromethane						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Vinyl Chloride						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BLK1	Xylenes, total						0.00				Yes	B409138		09/04/14	09/04/14	0.3	1.0	1

LCS - Method EPA 8260B

B409138-BS1	1,1-Dichloroethene	92.3		70	130		9.23			10.0	Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BS1	1,2-Dichloroethane-d4	101		70	130		10.1			10.0	Yes	B409138		09/04/14	09/04/14			1
B409138-BS1	4-Bromofluorobenzene	103		70	130		10.3			10.0	Yes	B409138		09/04/14	09/04/14			1
B409138-BS1	Chlorobenzene	107		70	130		10.7			10.0	Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
B409138-BS1	Toluene	104		70	130		10.4			10.0	Yes	B409138		09/04/14	09/04/14	0.3	1.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409138-BS1	Toluene-d8	101		70	130		10.1			10.0	Yes	B409138		09/04/14	09/04/14			1
B409138-BS1	Trichloroethene	112		70	130		11.2			10.0	Yes	B409138		09/04/14	09/04/14	0.3	1.0	1
Matrix Spike - Method EPA 8260B																		
B409138-MS1	1,1-Dichloroethene	81.4		70	130		40.7	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS1	1,2-Dichloroethane-d4	102		70	130		50.8	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS1	4-Bromofluorobenzene	102		70	130		51.2	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS1	Chlorobenzene	97.3		70	130		48.6	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS1	Toluene	95.6		70	130		47.8	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS1	Toluene-d8	102		70	130		51.0	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS1	Trichloroethene	99.4		70	130		49.7	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS2	1,1-Dichloroethene	81.8		70	130		40.9	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS2	1,2-Dichloroethane-d4	99.9		70	130		50.0	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS2	4-Bromofluorobenzene	103		70	130		51.4	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS2	Chlorobenzene	94.8		70	130		47.4	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS2	Toluene	90.8		70	130		61.4	XXXXXXX-XX	16.0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS2	Toluene-d8	99.2		70	130		49.6	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS2	Trichloroethene	96.0		70	130		48.0	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS3	1,1-Dichloroethene	92.8		70	130		46.4	**1409251-14**	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS3	1,2-Dichloroethane-d4	102		70	130		50.8	**1409251-14**		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS3	4-Bromofluorobenzene	100		70	130		50.2	**1409251-14**		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS3	Chlorobenzene	109		70	130		54.6	**1409251-14**	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS3	Toluene	103		70	130		51.6	**1409251-14**	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MS3	Toluene-d8	99.2		70	130		49.6	**1409251-14**		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MS3	Trichloroethene	108		70	130		54.2	**1409251-14**	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
Matrix Spike Dup - Method EPA 8260B																		
B409138-MSD1	1,1-Dichloroethene	87.5	7.22	70	130	20	43.8	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409138-MSD1	1,2-Dichloroethane-d4	98.9		70	130		49.4	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MSD1	4-Bromofluorobenzene	105		70	130		52.3	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MSD1	Benzene	108	7.22	70	130	20	53.8	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MSD1	Chlorobenzene	106	8.46	70	130	20	53.0	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MSD1	Toluene	102	6.97	70	130	20	51.2	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1
B409138-MSD1	Toluene-d8	102		70	130		50.8	XXXXXXX-XX		50.0	Yes	B409138		09/04/14	09/04/14			1
B409138-MSD1	Trichloroethene	109	8.94	70	130	20	54.4	XXXXXXX-XX	0	50.0	Yes	B409138		09/04/14	09/04/14	1.5	5.0	1

Surrogate Summary for Sample Delivery Group - 1409251

QC ID	Surrogate	% Rec	LCL	UCL	Result	Spk Value	Batch	DF
Method EPA 8260B								
1409251-01	1,2-Dichloroethane-d4	102	70	130	10.2	10.0	B409138	1
1409251-01	4-Bromofluorobenzene	104	70	130	10.4	10.0	B409138	1
1409251-01	Toluene-d8	99.7	70	130	9.97	10.0	B409138	1
1409251-02	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B409138	1
1409251-02	4-Bromofluorobenzene	105	70	130	10.5	10.0	B409138	1
1409251-02	Toluene-d8	101	70	130	10.1	10.0	B409138	1
1409251-03	1,2-Dichloroethane-d4	105	70	130	10.5	10.0	B409138	1
1409251-03	4-Bromofluorobenzene	104	70	130	10.4	10.0	B409138	1
1409251-03	Toluene-d8	99.8	70	130	9.98	10.0	B409138	1
1409251-04	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B409138	1
1409251-04	4-Bromofluorobenzene	105	70	130	10.5	10.0	B409138	1
1409251-04	Toluene-d8	100	70	130	10.0	10.0	B409138	1
1409251-05	1,2-Dichloroethane-d4	107	70	130	10.7	10.0	B409138	1
1409251-05	4-Bromofluorobenzene	103	70	130	10.3	10.0	B409138	1
1409251-05	Toluene-d8	101	70	130	10.1	10.0	B409138	1
1409251-06	1,2-Dichloroethane-d4	108	70	130	10.8	10.0	B409138	1
1409251-06	4-Bromofluorobenzene	104	70	130	10.4	10.0	B409138	1
1409251-06	Toluene-d8	101	70	130	10.1	10.0	B409138	1
1409251-07	1,2-Dichloroethane-d4	104	70	130	10.4	10.0	B409138	1
1409251-07	4-Bromofluorobenzene	107	70	130	10.7	10.0	B409138	1
1409251-07	Toluene-d8	100	70	130	10.0	10.0	B409138	1
1409251-08	1,2-Dichloroethane-d4	105	70	130	10.5	10.0	B409138	1
1409251-08	4-Bromofluorobenzene	103	70	130	10.3	10.0	B409138	1
1409251-08	Toluene-d8	99.5	70	130	9.95	10.0	B409138	1
1409251-09	1,2-Dichloroethane-d4	104	70	130	10.4	10.0	B409138	1
1409251-09	4-Bromofluorobenzene	103	70	130	10.3	10.0	B409138	1
1409251-09	Toluene-d8	101	70	130	10.1	10.0	B409138	1
1409251-10	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B409138	1
1409251-10	4-Bromofluorobenzene	104	70	130	10.4	10.0	B409138	1
1409251-10	Toluene-d8	100	70	130	10.0	10.0	B409138	1
1409251-11	1,2-Dichloroethane-d4	105	70	130	10.5	10.0	B409138	1
1409251-11	4-Bromofluorobenzene	105	70	130	10.5	10.0	B409138	1

QC ID	Surrogate	% Rec	LCL	UCL	Result	Spk Value	Batch	DF
1409251-11	Toluene-d8	101	70	130	10.1	10.0	B409138	1
1409251-12	1,2-Dichloroethane-d4	107	70	130	10.7	10.0	B409138	1
1409251-12	4-Bromofluorobenzene	103	70	130	10.3	10.0	B409138	1
1409251-12	Toluene-d8	100	70	130	10.0	10.0	B409138	1
1409251-13	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B409138	1
1409251-13	4-Bromofluorobenzene	104	70	130	10.4	10.0	B409138	1
1409251-13	Toluene-d8	101	70	130	10.1	10.0	B409138	1
1409251-14	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B409138	1
1409251-14	4-Bromofluorobenzene	106	70	130	10.6	10.0	B409138	1
1409251-14	Toluene-d8	101	70	130	10.1	10.0	B409138	1
1409251-15	1,2-Dichloroethane-d4	106	70	130	10.6	10.0	B409138	1
1409251-15	4-Bromofluorobenzene	102	70	130	10.2	10.0	B409138	1
1409251-15	Toluene-d8	100	70	130	10.0	10.0	B409138	1
1409251-16	1,2-Dichloroethane-d4	105	70	130	10.5	10.0	B409138	1
1409251-16	4-Bromofluorobenzene	104	70	130	10.4	10.0	B409138	1
1409251-16	Toluene-d8	101	70	130	10.1	10.0	B409138	1
B409138-BLK1	1,2-Dichloroethane-d4	105	70	130	10.5	10.0	B409138	1
B409138-BLK1	4-Bromofluorobenzene	106	70	130	10.6	10.0	B409138	1
B409138-BLK1	Toluene-d8	101	70	130	10.1	10.0	B409138	1
B409138-BS1	1,2-Dichloroethane-d4	101	70	130	10.1	10.0	B409138	1
B409138-BS1	4-Bromofluorobenzene	103	70	130	10.3	10.0	B409138	1
B409138-BS1	Toluene-d8	101	70	130	10.1	10.0	B409138	1
B409138-MS1	1,2-Dichloroethane-d4	102	70	130	50.8	50.0	B409138	1
B409138-MS1	4-Bromofluorobenzene	102	70	130	51.2	50.0	B409138	1
B409138-MS1	Toluene-d8	102	70	130	51.0	50.0	B409138	1
B409138-MS2	1,2-Dichloroethane-d4	99.9	70	130	50.0	50.0	B409138	1
B409138-MS2	4-Bromofluorobenzene	103	70	130	51.4	50.0	B409138	1
B409138-MS2	Toluene-d8	99.2	70	130	49.6	50.0	B409138	1
B409138-MS3	1,2-Dichloroethane-d4	102	70	130	50.8	50.0	B409138	1
B409138-MS3	4-Bromofluorobenzene	100	70	130	50.2	50.0	B409138	1
B409138-MS3	Toluene-d8	99.2	70	130	49.6	50.0	B409138	1
B409138-MSD1	1,2-Dichloroethane-d4	98.9	70	130	49.4	50.0	B409138	1
B409138-MSD1	4-Bromofluorobenzene	105	70	130	52.3	50.0	B409138	1
B409138-MSD1	Toluene-d8	102	70	130	50.8	50.0	B409138	1

1 of 2

CHEMTECH - FORD ANALYTICAL LABORATORY

Chloroform Program

CHAIN OF CUSTODY

COMPANY:	Energy Fuels Resources (USA) Inc.	**BILLING ADDRESS:**	Jan Dalla 225 Union Boulevard, Suite 600
ADDRESS:	6425 South Highway 191	**BILLING CITY/STATE/ZIP:**	Lakewood, Colorado 80228
CITY/STATE/ZIP:	Blanding Utah 84511	**PURCHASE ORDER #:**	
PHONE #:	435-678-4115 **FAX:**		
CONTACT:	Garrin Palmer **PROJECT:** White Mesa Mill		
EMAIL:	gpalmer@energyfuels.com, kweinel@energyfuels.com		

CHEMTECH-FORD LABORATORIES

TURNAROUND REQUIRED:* Standard

* Expedited turnaround subject to additional charge

Lab Use Only	CLIENT SAMPLE INFORMATION					TESTS REQUESTED																		Bacteria			
	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine	Nitrate/Nitrite asn N (353.2)	Chloride (SM4500-Cl B or SM4500-Cl E or E300.0)	VOCs (8260B or 8260C) (Carbon Tetrachloride, Chloroform, Methylene Chloride, Chloromethane)																Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	E. Coli Only
09251																											
-01	1. TW4-33R_08252014	8/25/2014	1434	GW		X	X	X																			
-02	2. MW-32_08262014	8/26/2014	1240	GW		X	X	X																			
-03	3. TW4-33_08272014	8/27/2014	0736	GW		X	X	X																			
-04	4. TW4-08_08272014	8/27/2014	0745	GW		X	X	X																			
-05	5. TW4-21_08272014	8/27/2014	0801	GW		X	X	X																			
-06	6. TW4-29_08272014	8/27/2014	0815	GW		X	X	X																			
-07	7. TW4-11_08272014	8/27/2014	0824	GW		X	X	X																			
-08	8. TW4-07_08272014	8/27/2014	0830	GW		X	X	X																			
-09	9. TW4-01_08272014	8/27/2014	0837	GW		X	X	X																			
-10	10. TW4-10_08272014	8/27/2014	0844	GW		X	X	X																			
-11	11. TW4-02_08272014	8/27/2014	0853	GW		X	X	X																			
-12	12. TW4-35_08272014	8/27/2014	0901	GW		X	X	X																			
-13	13. TW4-36_08272014	8/27/2014	0910	GW		X	X	X																			

Sampled by: [print] TANNER HOLLIDAY

Sampled by: [signature] Tanner Holliday

ON ICE NOT ON ICE Temp (C°): 5.9

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Special Instructions: TW4-67 is a DI System blank - please run this after the batch QC/MB at the beginning of the analytical run. PDF Data packages are to be sent to Garrin Palmer and Kathy Weinel.

Relinquished by: [signature] Tanner Holliday	Date/Time 8/27/2014 1100	Received by: [signature]	Date/Time 8/28/14 9:50
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time

CHEMTECH-FORD
9632 South 500 West
Sandy, UT 84070

801.262.7299 PHONE
866.792.0093 FAX
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum) Client agrees to pay collection costs and attorney's fees.

FedEx TRK# 0200 8032 7122 3668

FedEx TRK# 0200 8032 7122 3679

Chloroform Program

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY:	Energy Fuels Resources (USA) Inc.		
ADDRESS:	6425 South Highway 191		
CITY/STATE/ZIP:	Blanding Utah 84511		
PHONE #:	435-678-4115	FAX:	
CONTACT:	Garrin Palmer	PROJECT:	White Mesa Mill
EMAIL:	gpalmer@energyfuels.com, kweinel@energyfuels.com		

	Jan Dalla
BILLING ADDRESS:	225 Union Boulevard, Suite 600
BILLING CITY/STATE/ZIP:	Lakewood, Colorado 80228
PURCHASE ORDER #:	
TURNAROUND REQUIRED:*	Standard

* Expedited turnaround subject to additional charge

CHEMTECH-FORD LABORATORIES

Lab Use Only	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field Residual Chlorine	Nitrate/Nitrite asn N (353.2)	Chloride (SM4500-Cl B or SM4500-Cl E or E300.0)	VOCs (8260B or 8260C) (Carbon Tetrachloride, Chloroform, Methylene Chloride, Chloromethane)	Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	E. Coli Only
09251												
-14	1. TW4-60_08272014	8/27/2014	0645	GW		X	X	X				
-15	2. TW4-70_08272014	8/27/2014	0745	GW		X	X	X				
-16	3. TRIP BLANK	8/25/2014		GW				X				
—	4. TEMP BLANK	8/27/2014		GW								
	5.											
	6.											
	7.											
	8.											
	9.											
	10.											
	11.											
	12.											
	13.											

Sampled by: [print] TANNER HOLLIDAY — Sampled by: [signature] Tanner Holliday

ON ICE (circled) — NOT ON ICE — Temp (C°): 5.9

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Special Instructions: TW4-60 is a DI System blank - please run this after the batch QC/MB at the beginning of the analytical run. PDF Data packages are to be sent to Garrin Palmer and Kathy Weinel.

Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Tanner Holliday	8/27/2014 1100	[signature]	8/28/14 9:50

CHEMTECH-FORD
9632 South 500 West
Sandy, UT 84070
801.262.7299 PHONE
866.792.0093 FAX
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

CHEMTECH FORD LABORATORIES

Sample Receipt

Work Order # 09251

Delivery Method:

☐ UPS ☐ USPS
☐ FedEx ☐ Chemtech Courier
☐ Walk-in ☐ Courier

Receiving Temperature 5.9 °C

Sample #	Container	Chemtech Lot # or Preservative	Number of Subsamples	Preserved by Client/Third Party	Preserved in Receiving Laboratory	Preserved in Field by Client	Misc Volume (ml/wt)	Comments
01-03	W1-3	298						
	N	292						
	AP							
-04	W1-3	298						
	N	296						
	AP							
05-08	W1-3	298						
	N	292						
	AP							
-09-	W1-3	298						
	N	296						
	AP							
-10	W1-3	298						
	N	no lot #						
	AP							
-11-15	W1-3	298						
	N	292						
	AP							
-16	W1-3			X				

Sample Condition (check if yes)

- ☑ Custody Seals
- ☑ Containers Intact
- ☐ COC/Labels Agree
- ☑ Preservation Confirmed
- ☐ Received on Ice
- ☑ Correct Containers(s)
- ☑ Sufficient Sample Volume
- ☐ Headspace Present (VOC)
- ☑ Temperature Blank
- ☐ Received within Holding Time

Plastic Containers

A- Plastic Unpreserved
B- Miscellaneous Plastic
C- Cyanide Qt (NaOH)
F- Sulfide Qt (Zn Acetate)
L- Mercury 1631
M- Metals Pint (HNO3)
N- Nutrient Pint (H2SO4)
R- Radiological (HNO3)
S- Sludge Cups/Tubs
Q- Plastic Bag
T- Coliform/Ecoli

Glass Containers

D- 625 (Na2S2O3)
G- Glass Unpreserved
H- HAAs (NH4Cl)
I- 508/515/525 (Na2SO3)
K- 515.3 Herbicides
O- Oil & Grease (HCl)
P- Phenols (H2SO4)
T- TOC/TOX (H3PO4)
U- 531 (MCAA, Na2S2O3)
V- 524/THMs (Ascorbic Acid)
W- 8260 VOC (1:1 HCl)
X- Vial Unpreserved
Y- 624/504 (Na2S2O3)
Z- Miscellaneous Glass

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Report Footnotes

Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.
1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.
1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.
1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

Flag Descriptions

CHEMTECH-FORD
LABORATORIES

9/30/2014

Work Order: 1410570

Energy Fuels

Attn: Garrin Palmer

6425 South Highway 191

Blanding, UT 84511

Client Service Contact: 801.262.7299

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.

NELAP ACCREDITED TNI LABORATORY

Approved By:

Dave Gayer, Laboratory Director

CHEMTECH-FORD
LABORATORIES

Case Narrative for Sample Delivery Group - 1410570

Energy Fuels

SampleID	SampleName	Matrix	Sampled	Received
1410570-01	TW4-06R_09232014	Water	09/23/2014	09/25/2014
1410570-02	TW4-06_09242014	Water	09/24/2014	09/25/2014
1410570-03	TW4-16_09242014	Water	09/24/2014	09/25/2014
1410570-04	TW4-75_09242014	Water	09/24/2014	09/25/2014
1410570-05	Trip Blank	Water	09/23/2014	09/25/2014

Method Blanks

All method blanks were below the Minimum Reporting Limit (MRL).

Laboratory Control Samples

All Laboratory Control Sample (LCS) recoveries were within laboratory control limits.

Holding Times

All preparations and analyses were performed within holding times

Matrix Spike/Matrix Spike Duplicate

All Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries were within control.

Surrogates

All surrogates were within laboratory control limits.

Analytical Summary - 1410570

Lab ID: 1410570-01
Client ID: TW4-06R_09232014
Matrix: Water

Analyses
EPA 8260B

Lab ID: 1410570-02
Client ID: TW4-06_09242014
Matrix: Water

Analyses
EPA 8260B

Lab ID: 1410570-03
Client ID: TW4-16_09242014
Matrix: Water

Analyses
EPA 8260B

Lab ID: 1410570-04
Client ID: TW4-75_09242014
Matrix: Water

Analyses
EPA 8260B

Lab ID: 1410570-05
Client ID: Trip Blank
Matrix: Water

Analyses
EPA 8260B

QC Summary for Sample Delivery Group - 1410570

Blank - Method EPA 8260B

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409762-BLK1	1,1,1,2-Tetrachloroethane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,1,1-Trichloroethane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,1,2,2-Tetrachloroethane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,1,2-Trichloroethane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,1,2-Trichlorotrifluoroethane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,1-Dichloroethane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,1-Dichloroethene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,1-Dichloropropene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,2,3-Trichlorobenzene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,2,3-Trichloropropane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,2,4-Trichlorobenzene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,2,4-Trimethylbenzene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,2-Dibromo-3-chloropropane						0.00				Yes	B409762		09/25/14	09/25/14 1.0		1.0	1
B409762-BLK1	1,2-Dibromoethane (EDB)						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,2-Dichlorobenzene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,2-Dichloroethane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,2-Dichloroethane-d4	97.4		70	130		9.74			10.0	Yes	B409762		09/25/14	09/25/14			1
B409762-BLK1	1,2-Dichloropropane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,3,5-Trimethylbenzene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,3-Dichlorobenzene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,3-Dichloropropane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	1,4-Dichlorobenzene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	2,2-Dichloropropane						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1
B409762-BLK1	2-Chlorotoluene						0.00				Yes	B409762		09/25/14	09/25/14 0.3		1.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409762-BLK1	2-Nitropropane						0.00				Yes	B409762		09/25/14	09/25/14	10.0	10.0	1
B409762-BLK1	4-Bromofluorobenzene	99.2		70	130		9.92			10.0	Yes	B409762		09/25/14	09/25/14			1
B409762-BLK1	4-Chlorotoluene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Acetone						0.00				Yes	B409762		09/25/14	09/25/14	10.0	10.0	1
B409762-BLK1	Acrylonitrile						0.00				Yes	B409762		09/25/14	09/25/14	10.0	10.0	1
B409762-BLK1	Benzene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Bromobenzene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Bromochloromethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Bromodichloromethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Bromoform						0.00				Yes	B409762		09/25/14	09/25/14	1.0	1.0	1
B409762-BLK1	Bromomethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Carbon Disulfide						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Carbon Tetrachloride						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Chlorobenzene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Chloroethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Chloroform						0.00				Yes	B409762		09/25/14	09/25/14	1.0	1.0	1
B409762-BLK1	Chloromethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	cis-1,2-Dichloroethene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	cis-1,3-Dichloropropene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Cyclohexanone						0.00				Yes	B409762		09/25/14	09/25/14	20.0	20.0	1
B409762-BLK1	Dibromochloromethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Dibromomethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Dichlorodifluoromethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Ethyl Acetate						0.00				Yes	B409762		09/25/14	09/25/14	10.0	10.0	1
B409762-BLK1	Ethyl Ether						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Ethylbenzene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409762-BLK1	Hexachlorobutadiene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Isobutanol						0.00				Yes	B409762		09/25/14	09/25/14	10.0	10.0	1
B409762-BLK1	Isopropylbenzene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Methyl Ethyl Ketone						0.00				Yes	B409762		09/25/14	09/25/14	10.0	10.0	1
B409762-BLK1	Methyl Isobutyl Ketone						0.00				Yes	B409762		09/25/14	09/25/14	10.0	10.0	1
B409762-BLK1	Methylene Chloride						0.00				Yes	B409762		09/25/14	09/25/14	1.0	1.0	1
B409762-BLK1	Methyl-tert-butyl ether (MTBE)						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Naphthalene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	n-Butyl Alcohol						0.00				Yes	B409762		09/25/14	09/25/14	40.0	40.0	1
B409762-BLK1	n-Butylbenzene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Nitrobenzene						0.00				Yes	B409762		09/25/14	09/25/14	20.0	20.0	1
B409762-BLK1	n-Propyl Benzene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	p-Isopropyltoluene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	sec-Butyl Benzene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Styrene						0.00				Yes	B409762		09/25/14	09/25/14	1.0	1.0	1
B409762-BLK1	tert-Butylbenzene						0.00				Yes	B409762		09/25/14	09/25/14	1.0	1.0	1
B409762-BLK1	Tetrachloroethene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Toluene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Toluene-d8	105		70	130		10.5			10.0	Yes	B409762		09/25/14	09/25/14			1
B409762-BLK1	trans-1,2-Dichloroethene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	trans-1,3-Dichloropropene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Trichloroethene						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Trichlorofluoromethane						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Vinyl Chloride						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BLK1	Xylenes, total						0.00				Yes	B409762		09/25/14	09/25/14	0.3	1.0	1

LCS - Method EPA 8260B

QC ID	Analyte	% Rec	RPD	LCL	UCL	RPD Max	Result	QC Source	Source Conc	Spk Value	Surr?	Batch	Sampled	Prepared	Analyzed	MDL	MRL	DF
B409762-BS1	1,1-Dichloroethene	96.0		70	130		9.60			10.0	Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BS1	1,2-Dichloroethane-d4	94.7		70	130		9.47			10.0	Yes	B409762		09/25/14	09/25/14			1
B409762-BS1	4-Bromofluorobenzene	95.4		70	130		9.54			10.0	Yes	B409762		09/25/14	09/25/14			1
B409762-BS1	Benzene	108		70	130		10.8			10.0	Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BS1	Chlorobenzene	94.6		70	130		9.46			10.0	Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BS1	Toluene	99.5		70	130		9.95			10.0	Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
B409762-BS1	Toluene-d8	104		70	130		10.4			10.0	Yes	B409762		09/25/14	09/25/14			1
B409762-BS1	Trichloroethene	102		70	130		10.2			10.0	Yes	B409762		09/25/14	09/25/14	0.3	1.0	1
Matrix Spike - Method EPA 8260B																		
B409762-MS1	1,1-Dichloroethene	110		70	130		55.0	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
B409762-MS1	1,2-Dichloroethane-d4	94.5		70	130		47.2	**1410570-01**		50.0	Yes	B409762		09/25/14	09/25/14			1
B409762-MS1	4-Bromofluorobenzene	96.2		70	130		48.1	**1410570-01**		50.0	Yes	B409762		09/25/14	09/25/14			1
B409762-MS1	Benzene	122		70	130		61.0	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
B409762-MS1	Chlorobenzene	109		70	130		54.4	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
B409762-MS1	Toluene	110		70	130		55.0	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
B409762-MS1	Toluene-d8	104		70	130		51.8	**1410570-01**		50.0	Yes	B409762		09/25/14	09/25/14			1
B409762-MS1	Trichloroethene	117		70	130		58.4	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
Matrix Spike Dup - Method EPA 8260B																		
B409762-MSD1	1,1-Dichloroethene	100	9.33	70	130	20	50.0	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
B409762-MSD1	1,2-Dichloroethane-d4	94.8		70	130		47.4	**1410570-01**		50.0	Yes	B409762		09/25/14	09/25/14			1
B409762-MSD1	4-Bromofluorobenzene	98.4		70	130		49.2	**1410570-01**		50.0	Yes	B409762		09/25/14	09/25/14			1
B409762-MSD1	Benzene	118	3.59	70	130	20	58.8	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
B409762-MSD1	Chlorobenzene	106	2.89	70	130	20	52.8	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
B409762-MSD1	Toluene	109	1.37	70	130	20	54.3	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1
B409762-MSD1	Toluene-d8	104		70	130		52.0	**1410570-01**		50.0	Yes	B409762		09/25/14	09/25/14			1
B409762-MSD1	Trichloroethene	112	4.11	70	130	20	56.0	**1410570-01**	0	50.0	Yes	B409762		09/25/14	09/25/14	1.5	5.0	1

Surrogate Summary for Sample Delivery Group - 1410570

Method EPA 8260B

QC ID	Surrogate	% Rec	LCL	UCL	Result	Spk Value	Batch	DF
1410570-01	1,2-Dichloroethane-d4	93.6	70	130	9.36	10.0	B409762	1
1410570-01	4-Bromofluorobenzene	97.3	70	130	9.73	10.0	B409762	1
1410570-01	Toluene-d8	106	70	130	10.6	10.0	B409762	1
1410570-02	1,2-Dichloroethane-d4	96.9	70	130	9.69	10.0	B409762	1
1410570-02	4-Bromofluorobenzene	95.1	70	130	9.51	10.0	B409762	1
1410570-02	Toluene-d8	105	70	130	10.5	10.0	B409762	1
1410570-03	1,2-Dichloroethane-d4	98.9	70	130	9.89	10.0	B409762	1
1410570-03	4-Bromofluorobenzene	95.6	70	130	9.56	10.0	B409762	1
1410570-03	Toluene-d8	104	70	130	10.4	10.0	B409762	1
1410570-04	1,2-Dichloroethane-d4	95.3	70	130	9.53	10.0	B409762	1
1410570-04	4-Bromofluorobenzene	97.9	70	130	9.79	10.0	B409762	1
1410570-04	Toluene-d8	104	70	130	10.4	10.0	B409762	1
1410570-05	1,2-Dichloroethane-d4	96.4	70	130	9.64	10.0	B409762	1
1410570-05	4-Bromofluorobenzene	94.8	70	130	9.48	10.0	B409762	1
1410570-05	Toluene-d8	105	70	130	10.5	10.0	B409762	1
B409762-BLK1	1,2-Dichloroethane-d4	97.4	70	130	9.74	10.0	B409762	1
B409762-BLK1	4-Bromofluorobenzene	99.2	70	130	9.92	10.0	B409762	1
B409762-BLK1	Toluene-d8	105	70	130	10.5	10.0	B409762	1
B409762-BS1	1,2-Dichloroethane-d4	94.7	70	130	9.47	10.0	B409762	1
B409762-BS1	4-Bromofluorobenzene	95.4	70	130	9.54	10.0	B409762	1
B409762-BS1	Toluene-d8	104	70	130	10.4	10.0	B409762	1
B409762-MS1	1,2-Dichloroethane-d4	94.5	70	130	47.2	50.0	B409762	1
B409762-MS1	4-Bromofluorobenzene	96.2	70	130	48.1	50.0	B409762	1
B409762-MS1	Toluene-d8	104	70	130	51.8	50.0	B409762	1
B409762-MSD1	1,2-Dichloroethane-d4	94.8	70	130	47.4	50.0	B409762	1
B409762-MSD1	4-Bromofluorobenzene	98.4	70	130	49.2	50.0	B409762	1
B409762-MSD1	Toluene-d8	104	70	130	52.0	50.0	B409762	1

Chloroform Program

KR

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY:	Energy Fuels Resources (USA) Inc.	**BILLING ADDRESS:**	Jan Dalla 225 Union Boulevard, Suite 600
ADDRESS:	6425 South Highway 191	**BILLING CITY/STATE/ZIP:**	Lakewood, Colorado 80228
CITY/STATE/ZIP:	Blanding Utah 84511	**PURCHASE ORDER #:**	
PHONE #:	435-678-4115 **FAX:**		
CONTACT:	Garrin Palmer **PROJECT:** White Mesa Mill		
EMAIL:	gpalmer@energyfuels.com, kweinel@energyfuels.com	**TURNAROUND REQUIRED:***	Standard

CHEMTECH-FORD LABORATORIES

* Expedited turnaround subject to additional charge

Lab Use Only	CLIENT SAMPLE INFORMATION					TESTS REQUESTED																Bacteria			
	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine	Nitrate/Nitrite asn N (353.2)	Chloride (SM4500-Cl B or SM4500-Cl E or E300.0)	VOCs (8260B or 8260C) (Carbon Tetrachloride, Chloroform, Methylene Chloride, Chloromethane)														Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	E. Coli Only
10570																									
-01	1. TW4-06R_09232014	9/23/2014	0700	3-GW				X																	
-02	2. TW4-06_09242014	9/24/2014	0745	3-GW				X																	
-03	3. TW4-16_09242014	9/24/2014	0800	3-GW				X																	
-04	4. TW4-75_09242014	9/24/2014	0745	3-GW				X																	
-05	5. TRIP BLANK	9/23/2014		3-GW				X																	
	6.																								
	7.																								
	8.																								
	9.																								
	10.																								
	11.																								
	12.																								
	13.																								

Sampled by: [print] Tanner Holliday

Sampled by: [signature] Tanner Holliday

ON ICE NOT ON ICE Temp (C°): 3.4°

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Special Instructions: *TW4-60 is a DI System blank - please run this after the batch QC/MB at the beginning of the analytical run. PDF Data packages are to be sent to Garrin Palmer and Kathy Weinel.*

Relinquished by: [signature] Tanner Holliday	Date/Time 9/24/2014 1300	Received by: [signature]	Date/Time 09.25.14 9:30
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time

CHEMTECH-FORD
9632 South 500 West
Sandy, UT 84070

801.262.7299 PHONE
866.792.0093 FAX
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum) Client agrees to pay collection costs and attorney's fees.

1Z187Y4Y0319760 7233

Work Order # 10570

CHEMTECH FORD LABORATORIES

Sample Receipt

CHEMTECH-FORD LABORATORIES

Delivery Method:

- ☒ UPS
- ☐ USPS
- ☐ FedEx
- ☐ Chemtech Courier
- ☐ Walk-in
- ☐ Courier

Receiving Temperature 3.4 °C

Sample #	Container	Chemtech Lot # or Preservative	Number of Subsamples	Preserved by Client/Third Party	Preserved in Receiving/Laboratory	Filtered in Field by Client	Misc Volume (oz/mL)	Comments
01-05	W1-3			X				

Sample Condition (check if yes)

- ☒ Custody Seals
- ☒ Containers Intact
- ☒ COC/Labels Agree
- ☒ Preservation Confirmed
- ☒ Received on Ice
- ☒ Correct Container(s)
- ☒ Sufficient Sample Volume
- ☐ Headspace Present (VOC)
- ☐ Temperature Blank
- ☒ Received within Holding Time

Plastic Containers

A- Plastic Unpreserved
B- Miscellaneous Plastic
C- Cyanide Qt (NaOH)
F- Sulfide Qt (Zn Acetate)
L- Mercury 1631
M- Metals Pint (HNO3)
N- Nutrient Pint (H2SO4)
R- Radiological (HNO3)
S- Sludge Cups/Tubs
Q- Plastic Bag
E- Coliform/Ecoli

Glass Containers

D- 625 (Na2S2O3)
G- Glass Unpreserved
H- HAAs (NH4Cl)
J- 508/515/525 (Na2SO3)
K- 515.3 Herbicides
O- Oil & Grease (HCl)
P- Phenols (H2SO4)
T- TOC/TOX (H3PO4)
U- 531 (MCAA, Na2S2O3)
V- 524/THMs (Ascorbic Acid)
W- 8260 VOC (1:1 HCl)
X- Vial Unpreserved
Y- 624/504 (Na2S2O3)
Z- Miscellaneous Glass

Report Footnotes

Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.
1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.
1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.
1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

Flag Descriptions

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	--		1934		N/A	7.07		N/A	15.90		N/A	197		N/A	0		N/A
TW4-01	28.00	66.00	56	OK	2129	2133	0.19	6.81	6.80	0.15	14.98	15.00	0.13	295	294	0.34	88	89	1.13
TW4-02	34.34	58.66	69	Pumped Dry	3500	3520	0.57	6.42	6.43	0.16	14.55	14.57	0.14	NM		NC	NM		NC
TW4-03	56.61	82.50	113	Pumped Dry	1682	1684	0.12	7.34	7.30	0.55	15.95	15.93	0.13	NM		NC	NM		NC
TW4-04	NA	Continuously pumped well	--		2250		N/A	6.92		N/A	16.70		N/A	214		N/A	1.5		N/A
TW4-05	37.12	88.00	74	OK	1480	1488	0.54	6.88	6.88	0.00	15.51	15.51	0.00	303	302	0.33	87	86	1.16
TW4-06	18.02	25.66	36	Pumped Dry	3546	3541	0.14	6.86	6.89	0.44	15.57	15.61	0.26	NM		NC	NM		NC
TW4-06 Resample	17.95	27.50	36	Pumped Dry	3203	3215	0.37	6.45	6.48	0.46	15.62	15.59	0.19	NM		NC	NM		NC
TW4-07	34.11	66.00	68	Pumped Dry	1626	1628	0.12	6.77	6.76	0.15	14.51	14.54	0.21	NM		NC	NM		NC
TW4-08	38.33	88.00	77	OK	3866	3837	0.75	7.36	7.33	0.41	14.97	14.98	0.07	165	160	3.08	11.5	11.6	0.87
TW4-09	38.55	99.00	77	OK	2382	2389	0.29	6.82	6.82	0.00	15.16	15.16	0.00	272	271	0.37	44	45	2.25
TW4-10	32.78	49.50	66	Pumped Dry	2429	2428	0.04	6.22	6.24	0.32	14.50	14.53	0.21	NM		NC	NM		NC
TW4-11	26.19	55.00	52	OK	1662	1654	0.48	7.24	7.24	0.00	16.60	16.55	0.30	285	285	0.00	6.0	6.1	1.65
TW4-12	37.84	88.00	76	OK	1240	1241	0.08	7.35	7.35	0.00	14.99	15.01	0.13	286	284	0.70	11.0	11.3	2.69
TW4-13	35.06	52.00	70	Pumped Dry	1810	1804	0.33	7.30	7.30	0.00	15.35	15.49	0.91	NM		NC	NM		NC
TW4-14	6.26	8.25	13	Pumped Dry	4563	4548	0.33	7.33	7.29	0.55	15.00	15.04	0.27	NM		NC	NM		NC
MW-26	NA	Continuously pumped well	--		3426		N/A	6.72		N/A	15.69		N/A	196		N/A	0.80		N/A
TW4-16	50.05	110.00	100	OK	3923	3914	0.23	6.79	6.79	0.00	14.98	14.97	0.07	229	225	1.76	75	76	1.32
TW4-16 Resample	49.82	121.00	100	OK	3972	4036	1.60	6.37	6.35	0.31	15.07	15.07	0.00	200	197	1.51	58	57	1.74
MW-32	37.09	78.12	74	OK	3809	3808	0.03	6.84	6.84	0.00	14.81	14.85	0.27	155	155	0.00	14	15	6.90
TW4-18	47.87	110.00	96	OK	1495	1483	0.81	6.65	6.65	0.00	15.68	15.67	0.06	271	270	0.37	101	102	0.99
TW4-19	NA	Continuously pumped well	--		2917		N/A	7.00		N/A	16.52		N/A	206		N/A	0		N/A
TW4-20	NA	Continuously pumped well	--		3724		N/A	6.24		N/A	16.50		N/A	240		N/A	0.6		N/A
TW4-21	35.92	88.00	72	OK	4064	4067	0.07	7.37	7.37	0.00	16.27	16.25	0.12	310	310	0.00	2.9	2.9	0.00
TW4-22	NA	Continuously pumped well	--		5907		N/A	6.82		N/A	16.56		N/A	247		N/A	0		N/A
TW4-23	31.05	88.00	62	OK	3617	3615	0.06	6.49	6.52	0.46	14.70	14.69	0.07	166	163	1.82	18.9	18.8	0.53
TW4-24	NA	Continuously pumped well	--		8727		N/A	6.80		N/A	15.94		N/A	279		N/A	0		N/A
TW4-25	NA	Continuously pumped well	--		2544		N/A	6.83		N/A	16.6		N/A	282		N/A	0		N/A
TW4-26	14.26	16.50	29	Pumped Dry	6282	6248	0.54	4.92	4.90	0.41	15.90	15.99	0.56	NM		NC	NM		NC
TW4-27	10.05	11.00	20	Pumped Dry	3014	3031	0.56	6.97	6.95	0.29	15.22	15.17	0.33	NM		NC	NM		NC
TW4-28	44.99	99.00	90	OK	1181	1182	0.08	7.38	7.37	0.14	14.97	14.99	0.13	263	262	0.38	17.7	18	1.68
TW4-29	13.76	18.33	28	Pumped Dry	4173	4167	0.14	6.54	6.53	0.15	14.93	14.96	0.20	NM		NC	NM		NC
TW4-30	10.15	13.75	20	Pumped Dry	4378	4365	0.30	5.77	5.72	0.87	15.47	15.57	0.64	NM		NC	NM		NC
TW4-31	15.60	19.25	31	Pumped Dry	4831	4812	0.39	6.88	6.92	0.58	15.31	15.27	0.26	NM		NC	NM		NC
TW4-32	42.60	88.00	85	OK	7460	7470	0.13	3.98	3.97	0.25	14.87	14.87	0.00	436	436	0.00	7.9	7.9	0.00
TW4-33	11.10	11.00	22	Pumped Dry	4344	4335	0.21	6.89	6.87	0.29	15.88	15.85	0.19	NM		NC	NM		NC
TW4-34	17.59	27.50	35	Pumped Dry	3887	3884	0.08	7.21	7.20	0.14	15.64	15.68	0.26	NM		NC	NM		NC
TW4-35	8.59	10.00	17	Pumped Dry	4315	4318	0.07	6.50	6.51	0.15	14.74	14.72	0.14	NM		NC	NM		NC
TW4-36	26.98	33.00	54	Pumped Dry	2301	2316	0.65	6.50	6.49	0.15	14.76	14.76	0.00	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, TW4-34, TW4-35, and TW4-36 were pumped dry and sampled after recovery.

NM = Not Measured. The QAP does not require the measurement of redox potential or turbidity in wells that were purged to dryness.

RPD = Relative Percent Difference

The QAP states that turbidity should be less than 5 Nephelometric Turbidity Units ("NTU") prior to sampling unless the well is characterized by water that has a higher turbidity. The QAP does not require that turbidity measurements be less than 5 NTU prior to sampling. As such, the noted observations regarding turbidity measurements less than 5 NTU are included for information purposes only.

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
Trip Blank	CARBON TETRACHLORIDE	8/11/2014	8/24/2014	13	14	OK
Trip Blank	CHLOROFORM	8/11/2014	8/24/2014	13	14	OK
Trip Blank	CHLOROMETHANE	8/11/2014	8/24/2014	13	14	OK
Trip Blank	METHYLENE CHLORIDE	8/11/2014	8/24/2014	13	14	OK
Trip Blank	CARBON TETRACHLORIDE	8/25/2014	9/5/2014	11	14	OK
Trip Blank	CHLOROFORM	8/25/2014	9/5/2014	11	14	OK
Trip Blank	CHLOROMETHANE	8/25/2014	9/5/2014	11	14	OK
Trip Blank	METHYLENE CHLORIDE	8/25/2014	9/5/2014	11	14	OK
Trip Blank	CARBON TETRACHLORIDE	9/23/2014	9/25/2014	2	14	OK
Trip Blank	CHLOROFORM	9/23/2014	9/25/2014	2	14	OK
Trip Blank	CHLOROMETHANE	9/23/2014	9/25/2014	2	14	OK
Trip Blank	METHYLENE CHLORIDE	9/23/2014	9/25/2014	2	14	OK
MW-04	CHLORIDE	8/11/2014	8/15/2014	4	28	OK
MW-04	CARBON TETRACHLORIDE	8/11/2014	8/24/2014	13	14	OK
MW-04	CHLOROFORM	8/11/2014	8/24/2014	13	14	OK
MW-04	CHLOROMETHANE	8/11/2014	8/24/2014	13	14	OK
MW-04	METHYLENE CHLORIDE	8/11/2014	8/24/2014	13	14	OK
MW-04	NITRATE + NITRITE AS N	8/11/2014	8/28/2014	17	28	OK
TW4-01	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-01	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-01	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-01	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-01	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-01	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK
TW4-02	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-02	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-02	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-02	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-02	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-02	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK
TW4-03	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-03	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-03	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-03	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-03	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-03	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-03R	CHLORIDE	8/12/2014	8/15/2014	3	28	OK
TW4-03R	CARBON TETRACHLORIDE	8/12/2014	8/22/2014	10	14	OK
TW4-03R	CHLOROFORM	8/12/2014	8/22/2014	10	14	OK
TW4-03R	CHLOROMETHANE	8/12/2014	8/22/2014	10	14	OK
TW4-03R	METHYLENE CHLORIDE	8/12/2014	8/22/2014	10	14	OK
TW4-03R	NITRATE + NITRITE AS N	8/12/2014	8/28/2014	16	28	OK
TW4-04	CHLORIDE	8/11/2014	8/15/2014	4	28	OK
TW4-04	CARBON TETRACHLORIDE	8/11/2014	8/24/2014	13	14	OK
TW4-04	CHLOROFORM	8/11/2014	8/24/2014	13	14	OK
TW4-04	CHLOROMETHANE	8/11/2014	8/24/2014	13	14	OK
TW4-04	METHYLENE CHLORIDE	8/11/2014	8/24/2014	13	14	OK
TW4-04	NITRATE + NITRITE AS N	8/11/2014	8/28/2014	17	28	OK
TW4-05	CHLORIDE	8/14/2014	8/15/2014	1	28	OK
TW4-05	CARBON TETRACHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-05	CHLOROFORM	8/14/2014	8/22/2014	8	14	OK
TW4-05	CHLOROMETHANE	8/14/2014	8/22/2014	8	14	OK
TW4-05	METHYLENE CHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-05	NITRATE + NITRITE AS N	8/14/2014	8/28/2014	14	28	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-06	CHLORIDE	8/14/2014	8/15/2014	1	28	OK
TW4-06	CARBON TETRACHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-06	CHLOROFORM	8/14/2014	8/22/2014	8	14	OK
TW4-06	CHLOROMETHANE	8/14/2014	8/22/2014	8	14	OK
TW4-06	METHYLENE CHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-06	NITRATE + NITRITE AS N	8/14/2014	8/28/2014	14	28	OK
TW4-06	CARBON TETRACHLORIDE	9/24/2014	9/25/2014	1	14	OK
TW4-06	CHLOROFORM	9/24/2014	9/25/2014	1	14	OK
TW4-06	CHLOROMETHANE	9/24/2014	9/25/2014	1	14	OK
TW4-06	METHYLENE CHLORIDE	9/24/2014	9/25/2014	1	14	OK
TW4-06R	CARBON TETRACHLORIDE	9/23/2014	9/25/2014	2	14	OK
TW4-06R	CHLOROFORM	9/23/2014	9/25/2014	2	14	OK
TW4-06R	CHLOROMETHANE	9/23/2014	9/25/2014	2	14	OK
TW4-06R	METHYLENE CHLORIDE	9/23/2014	9/25/2014	2	14	OK
TW4-07	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-07	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-07	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-07	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-07	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-07	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK
TW4-08	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-08	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-08	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-08	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-08	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-08	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK
TW4-09	CHLORIDE	8/14/2014	8/15/2014	1	28	OK
TW4-09	CARBON TETRACHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-09	CHLOROFORM	8/14/2014	8/22/2014	8	14	OK
TW4-09	CHLOROMETHANE	8/14/2014	8/22/2014	8	14	OK
TW4-09	METHYLENE CHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-09	NITRATE + NITRITE AS N	8/14/2014	8/28/2014	14	28	OK
TW4-10	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-10	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-10	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-10	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-10	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-10	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK
TW4-11	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-11	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-11	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-11	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-11	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-11	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK
TW4-12	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-12	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-12	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-12	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-12	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-12	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-13	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-13	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-13	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-13	CHLOROMETHANE	8/13/2014	8/22/2014	9	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
TW4-13	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-13	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-14	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-14	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-14	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-14	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-14	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-14	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
MW-26	CHLORIDE	8/11/2014	8/15/2014	4	28	OK
MW-26	CARBON TETRACHLORIDE	8/11/2014	8/24/2014	13	14	OK
MW-26	CHLOROFORM	8/11/2014	8/24/2014	13	14	OK
MW-26	CHLOROMETHANE	8/11/2014	8/24/2014	13	14	OK
MW-26	METHYLENE CHLORIDE	8/11/2014	8/24/2014	13	14	OK
MW-26	NITRATE + NITRITE AS N	8/11/2014	8/28/2014	17	28	OK
TW4-16	CHLORIDE	8/14/2014	8/15/2014	1	28	OK
TW4-16	CARBON TETRACHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-16	CHLOROFORM	8/14/2014	8/22/2014	8	14	OK
TW4-16	CHLOROMETHANE	8/14/2014	8/22/2014	8	14	OK
TW4-16	METHYLENE CHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-16	NITRATE + NITRITE AS N	8/14/2014	8/28/2014	14	28	OK
TW4-16	CARBON TETRACHLORIDE	9/24/2014	9/25/2014	1	14	OK
TW4-16	CHLOROFORM	9/24/2014	9/25/2014	1	14	OK
TW4-16	CHLOROMETHANE	9/24/2014	9/25/2014	1	14	OK
TW4-16	METHYLENE CHLORIDE	9/24/2014	9/25/2014	1	14	OK
MW-32	CHLORIDE	8/26/2014	8/29/2014	3	28	OK
MW-32	CARBON TETRACHLORIDE	8/26/2014	9/4/2014	9	14	OK
MW-32	CHLOROFORM	8/26/2014	9/4/2014	9	14	OK
MW-32	CHLOROMETHANE	8/26/2014	9/4/2014	9	14	OK
MW-32	METHYLENE CHLORIDE	8/26/2014	9/4/2014	9	14	OK
MW-32	NITRATE + NITRITE AS N	8/26/2014	9/17/2014	22	28	OK
TW4-18	CHLORIDE	8/14/2014	8/15/2014	1	28	OK
TW4-18	CARBON TETRACHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-18	CHLOROFORM	8/14/2014	8/22/2014	8	14	OK
TW4-18	CHLOROMETHANE	8/14/2014	8/22/2014	8	14	OK
TW4-18	METHYLENE CHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-18	NITRATE + NITRITE AS N	8/14/2014	8/28/2014	14	28	OK
TW4-19	CHLORIDE	8/11/2014	8/15/2014	4	28	OK
TW4-19	CARBON TETRACHLORIDE	8/11/2014	8/24/2014	13	14	OK
TW4-19	CHLOROFORM	8/11/2014	8/24/2014	13	14	OK
TW4-19	CHLOROMETHANE	8/11/2014	8/24/2014	13	14	OK
TW4-19	METHYLENE CHLORIDE	8/11/2014	8/24/2014	13	14	OK
TW4-19	NITRATE + NITRITE AS N	8/11/2014	8/28/2014	17	28	OK
TW4-20	CHLORIDE	8/11/2014	8/15/2014	4	28	OK
TW4-20	CARBON TETRACHLORIDE	8/11/2014	8/24/2014	13	14	OK
TW4-20	CHLOROFORM	8/11/2014	8/24/2014	13	14	OK
TW4-20	CHLOROMETHANE	8/11/2014	8/24/2014	13	14	OK
TW4-20	METHYLENE CHLORIDE	8/11/2014	8/24/2014	13	14	OK
TW4-20	NITRATE + NITRITE AS N	8/11/2014	8/28/2014	17	28	OK
TW4-21	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-21	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-21	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-21	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-21	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-21	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-22	CHLORIDE	8/11/2014	8/15/2014	4	28	OK
TW4-22	CARBON TETRACHLORIDE	8/11/2014	8/24/2014	13	14	OK
TW4-22	CHLOROFORM	8/11/2014	8/24/2014	13	14	OK
TW4-22	CHLOROMETHANE	8/11/2014	8/24/2014	13	14	OK
TW4-22	METHYLENE CHLORIDE	8/11/2014	8/24/2014	13	14	OK
TW4-22	NITRATE + NITRITE AS N	8/11/2014	8/28/2014	17	28	OK
TW4-23	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-23	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-23	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-23	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-23	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-23	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-24	CHLORIDE	8/11/2014	8/15/2014	4	28	OK
TW4-24	CARBON TETRACHLORIDE	8/11/2014	8/22/2014	11	14	OK
TW4-24	CHLOROFORM	8/11/2014	8/22/2014	11	14	OK
TW4-24	CHLOROMETHANE	8/11/2014	8/22/2014	11	14	OK
TW4-24	METHYLENE CHLORIDE	8/11/2014	8/22/2014	11	14	OK
TW4-24	NITRATE + NITRITE AS N	8/11/2014	8/28/2014	17	28	OK
TW4-25	CHLORIDE	8/11/2014	8/15/2014	4	28	OK
TW4-25	CARBON TETRACHLORIDE	8/11/2014	8/22/2014	11	14	OK
TW4-25	CHLOROFORM	8/11/2014	8/22/2014	11	14	OK
TW4-25	CHLOROMETHANE	8/11/2014	8/22/2014	11	14	OK
TW4-25	METHYLENE CHLORIDE	8/11/2014	8/22/2014	11	14	OK
TW4-25	NITRATE + NITRITE AS N	8/11/2014	8/28/2014	17	28	OK
TW4-26	CHLORIDE	8/14/2014	8/15/2014	1	28	OK
TW4-26	CARBON TETRACHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-26	CHLOROFORM	8/14/2014	8/22/2014	8	14	OK
TW4-26	CHLOROMETHANE	8/14/2014	8/22/2014	8	14	OK
TW4-26	METHYLENE CHLORIDE	8/14/2014	8/22/2014	8	14	OK
TW4-26	NITRATE + NITRITE AS N	8/14/2014	8/28/2014	14	28	OK
TW4-27	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-27	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-27	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-27	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-27	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-27	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-28	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-28	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-28	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-28	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-28	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-28	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-29	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-29	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-29	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-29	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-29	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-29	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK
TW4-30	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-30	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-30	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-30	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-30	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-30	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-31	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-31	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-31	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-31	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-31	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-31	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-32	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-32	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-32	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-32	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-32	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-32	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-33	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-33	CARBON TETRACHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-33	CHLOROFORM	8/27/2014	9/4/2014	8	14	OK
TW4-33	CHLOROMETHANE	8/27/2014	9/4/2014	8	14	OK
TW4-33	METHYLENE CHLORIDE	8/27/2014	9/4/2014	8	14	OK
TW4-33	NITRATE + NITRITE AS N	8/27/2014	9/10/2014	14	28	OK
TW4-33R	CHLORIDE	8/25/2014	8/29/2014	4	28	OK
TW4-33R	CARBON TETRACHLORIDE	8/25/2014	9/4/2014	10	14	OK
TW4-33R	CHLOROFORM	8/25/2014	9/4/2014	10	14	OK
TW4-33R	CHLOROMETHANE	8/25/2014	9/4/2014	10	14	OK
TW4-33R	METHYLENE CHLORIDE	8/25/2014	9/4/2014	10	14	OK
TW4-33R	NITRATE + NITRITE AS N	8/25/2014	9/10/2014	16	28	OK
TW4-34	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-34	CARBON TETRACHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-34	CHLOROFORM	8/13/2014	8/22/2014	9	14	OK
TW4-34	CHLOROMETHANE	8/13/2014	8/22/2014	9	14	OK
TW4-34	METHYLENE CHLORIDE	8/13/2014	8/22/2014	9	14	OK
TW4-34	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK
TW4-35	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-35	CARBON TETRACHLORIDE	8/27/2014	9/5/2014	9	14	OK
TW4-35	CHLOROFORM	8/27/2014	9/5/2014	9	14	OK
TW4-35	CHLOROMETHANE	8/27/2014	9/5/2014	9	14	OK
TW4-35	METHYLENE CHLORIDE	8/27/2014	9/5/2014	9	14	OK
TW4-35	NITRATE + NITRITE AS N	8/27/2014	9/12/2014	16	28	OK
TW4-36	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-36	CARBON TETRACHLORIDE	8/27/2014	9/5/2014	9	14	OK
TW4-36	CHLOROFORM	8/27/2014	9/5/2014	9	14	OK
TW4-36	CHLOROMETHANE	8/27/2014	9/5/2014	9	14	OK
TW4-36	METHYLENE CHLORIDE	8/27/2014	9/5/2014	9	14	OK
TW4-36	NITRATE + NITRITE AS N	8/27/2014	9/12/2014	16	28	OK
TW4-60	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-60	CARBON TETRACHLORIDE	8/27/2014	9/5/2014	9	14	OK
TW4-60	CHLOROFORM	8/27/2014	9/5/2014	9	14	OK
TW4-60	CHLOROMETHANE	8/27/2014	9/5/2014	9	14	OK
TW4-60	METHYLENE CHLORIDE	8/27/2014	9/5/2014	9	14	OK
TW4-60	NITRATE + NITRITE AS N	8/27/2014	9/12/2014	16	28	OK
TW4-65	CHLORIDE	8/13/2014	8/15/2014	2	28	OK
TW4-65	CARBON TETRACHLORIDE	8/13/2014	8/24/2014	11	14	OK
TW4-65	CHLOROFORM	8/13/2014	8/24/2014	11	14	OK
TW4-65	CHLOROMETHANE	8/13/2014	8/24/2014	11	14	OK
TW4-65	METHYLENE CHLORIDE	8/13/2014	8/24/2014	11	14	OK
TW4-65	NITRATE + NITRITE AS N	8/13/2014	8/28/2014	15	28	OK

I-2: Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
TW4-70	CHLORIDE	8/27/2014	8/29/2014	2	28	OK
TW4-70	CARBON TETRACHLORIDE	8/27/2014	9/5/2014	9	14	OK
TW4-70	CHLOROFORM	8/27/2014	9/5/2014	9	14	OK
TW4-70	CHLOROMETHANE	8/27/2014	9/5/2014	9	14	OK
TW4-70	METHYLENE CHLORIDE	8/27/2014	9/5/2014	9	14	OK
TW4-70	NITRATE + NITRITE AS N	8/27/2014	9/12/2014	16	28	OK
TW4-75	CARBON TETRACHLORIDE	9/24/2014	9/25/2014	1	14	OK
TW4-75	CHLOROFORM	9/24/2014	9/25/2014	1	14	OK
TW4-75	CHLOROMETHANE	9/24/2014	9/25/2014	1	14	OK
TW4-75	METHYLENE CHLORIDE	9/24/2014	9/25/2014	1	14	OK

Table I-3 Recipt Temperature Check

Sample Batch	Wells in Batch	Temperature
1408496	MW-04, MW-26, TW4-03, TW4-03R, TW4-04, TW4-05, TW4-06, TW4-09, TW4-12, TW4-13, TW4-14, TW4-16, TW4-18, TW4-19, TW4-20, TW4-22, TW4-23, TW4-24, TW4-25, TW4-26, TW4-27, TW4-28, TW4-30, TW4-31, TW4-32, TW4-34, TW4-65	5.3 °C
1409251	MW-32, TW4-01, TW4-02, TW4-07, TW4-08, TW4-10, TW4-11, TW4-21, TW4-29, TW4-33, TW4-33R, TW4-35, TW4-36, TW4-60, TW4-70	5.9 °C
1410570	TW4-06 Resample, TW4-06R, TW4-16 Resample, TW4-75	3.4 °C

I-4 Analytical Method Check

Parameter	Method	Method Used by Lab
Carbon Tetrachloride	SW8260B or SW8260C	SW8260B
Chloride	A4500-Cl B or A4500-Cl E or E300.0	E300.0
Chloroform	SW8260B or SW8260C	SW8260B
Chloromethane	SW8260B or SW8260C	SW8260B
Methylene chloride	SW8260B or SW8260C	SW8260B
Nitrogen	E353.1 or E353.2	E353.2

All parameters were analyzed using the reporting method specificied in the QAP

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
Trip Blank	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
Trip Blank	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
Trip Blank	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
Trip Blank	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
Trip Blank	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
Trip Blank	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
Trip Blank	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
Trip Blank	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
Trip Blank	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
Trip Blank	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
Trip Blank	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
Trip Blank	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
MW-04	CHLORIDE	1	mg/L		1	mg/L	OK	1
MW-04	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
MW-04	CHLOROFORM	1	ug/L		1	ug/L	OK	1
MW-04	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
MW-04	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
MW-04	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-01	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-01	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-01	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-01	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
TW4-01	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-01	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-02	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-02	CARBON TETRACHLORIDE	1	ug/L		1	ug/L	OK	1
TW4-02	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-02	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
TW4-02	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-02	NITRATE + NITRITE AS N	0.5	ug/L		0.1	ug/L	OK	5
TW4-03	CHLORIDE	1	mg/L		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	U	1	ug/L	OK	1
TW4-03	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-03	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-03R	CHLORIDE	1	mg/L	U	1	mg/L	OK	1
TW4-03R	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-03R	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
TW4-03R	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-03R	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-03R	NITRATE + NITRITE AS N	0.1	ug/L	U	0.1	ug/L	OK	1
TW4-04	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-04	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-04	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-04	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
TW4-04	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-04	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-05	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-05	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-05	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-05	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-05	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-05	NITRATE + NITRITE AS N	1	ug/L		0.1	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	CHLORIDE	1	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		1	ug/L	OK	1
TW4-06	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-06	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-06	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-06	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-06	CHLOROFORM	50	ug/L		1	ug/L	OK	50
TW4-06	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-06	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-06R	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-06R	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
TW4-06R	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-06R	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-07	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-07	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-07	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-07	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
TW4-07	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-07	NITRATE + NITRITE AS N	0.5	ug/L		0.1	ug/L	OK	5
TW4-08	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-08	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-08	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-08	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-08	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-08	NITRATE + NITRITE AS N	0.1	ug/L		0.1	ug/L	OK	1
TW4-09	CHLORIDE	1	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		1	ug/L	OK	1
TW4-09	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-09	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-09	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-10	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-10	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-10	CHLOROFORM	1	ug/L		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	ug/L		0.1	ug/L	OK	10
TW4-11	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-11	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-11	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-11	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
TW4-11	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-11	NITRATE + NITRITE AS N	0.5	ug/L		0.1	ug/L	OK	5
TW4-12	CHLORIDE	1	mg/L		1	mg/L	OK	1
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	U	1	ug/L	OK	1
TW4-12	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-12	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-13	CHLORIDE	1	mg/L		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	U	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
TW4-13	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-13	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-14	CHLORIDE	1	mg/L		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	U	1	ug/L	OK	1
TW4-14	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-14	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
MW-26	CHLORIDE	1	mg/L		1	mg/L	OK	1
MW-26	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
MW-26	CHLOROFORM	1	ug/L		1	ug/L	OK	1
MW-26	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
MW-26	METHYLENE CHLORIDE	1	ug/L		1	ug/L	OK	1
MW-26	NITRATE + NITRITE AS N	0.1	ug/L		0.1	ug/L	OK	1
TW4-16	CHLORIDE	1	mg/L		1	mg/L	OK	1
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	U	1	ug/L	OK	1
TW4-16	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-16	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-16	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-16	CHLOROFORM	50	ug/L		1	ug/L	OK	50
TW4-16	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-16	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
MW-32	CHLORIDE	1	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	U	1	ug/L	OK	1
MW-32	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
MW-32	NITRATE + NITRITE AS N	0.1	ug/L	U	0.1	ug/L	OK	1
TW4-18	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-18	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-18	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-18	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-18	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-18	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-19	CHLORIDE	10	mg/L		1	mg/L	OK	10
TW4-19	CARBON TETRACHLORIDE	1	ug/L		1	ug/L	OK	1
TW4-19	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-19	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
TW4-19	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-19	NITRATE + NITRITE AS N	0.1	ug/L		0.1	ug/L	OK	1
TW4-20	CHLORIDE	5	mg/L		1	mg/L	OK	5
TW4-20	CARBON TETRACHLORIDE	1	ug/L		1	ug/L	OK	1
TW4-20	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-20	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
TW4-20	METHYLENE CHLORIDE	1	ug/L		1	ug/L	OK	1
TW4-20	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-21	CHLORIDE	10	mg/L		1	mg/L	OK	10
TW4-21	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-21	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-21	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-21	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-21	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
TW4-22	CHLORIDE	10	mg/L		1	mg/L	OK	10
TW4-22	CARBON TETRACHLORIDE	1	ug/L		1	ug/L	OK	1
TW4-22	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-22	CHLOROMETHANE	1	ug/L		1	ug/L	OK	1
TW4-22	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-22	NITRATE + NITRITE AS N	5	ug/L		0.1	ug/L	OK	50
TW4-23	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-23	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-23	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
TW4-23	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-23	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-23	NITRATE + NITRITE AS N	0.1	ug/L	U	0.1	ug/L	OK	1
TW4-24	CHLORIDE	20	mg/L		1	mg/L	OK	20
TW4-24	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-24	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-24	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-24	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-24	NITRATE + NITRITE AS N	5	ug/L		0.1	ug/L	OK	50
TW4-25	CHLORIDE	1	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	U	1	ug/L	OK	1
TW4-25	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-25	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-25	NITRATE + NITRITE AS N	0.1	ug/L		0.1	ug/L	OK	1
TW4-26	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-26	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-26	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-26	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-26	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-26	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-27	CHLORIDE	1	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	U	1	ug/L	OK	1
TW4-27	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-27	NITRATE + NITRITE AS N	5	ug/L		0.1	ug/L	OK	50
TW4-28	CHLORIDE	1	mg/L		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	U	1	ug/L	OK	1
TW4-28	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-28	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10
TW4-29	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-29	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-29	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-29	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-29	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-29	NITRATE + NITRITE AS N	0.5	ug/L		0.1	ug/L	OK	5
TW4-30	CHLORIDE	1	mg/L		1	mg/L	OK	1
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	U	1	ug/L	OK	1
TW4-30	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-30	NITRATE + NITRITE AS N	0.1	ug/L		0.1	ug/L	OK	1

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
TW4-31	CHLORIDE	1	mg/L		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	ug/L		0.1	ug/L	OK	1
TW4-32	CHLORIDE	1	mg/L		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	U	1	ug/L	OK	1
TW4-32	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-32	NITRATE + NITRITE AS N	0.5	ug/L		0.1	ug/L	OK	5
TW4-33	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-33	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-33	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-33	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-33	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-33	NITRATE + NITRITE AS N	0.2	ug/L		0.1	ug/L	OK	2
TW4-33R	CHLORIDE	1	mg/L	U	1	mg/L	OK	1
TW4-33R	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-33R	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
TW4-33R	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-33R	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-33R	NITRATE + NITRITE AS N	0.2	ug/L		0.1	ug/L	OK	2
TW4-34	CHLORIDE	1	mg/L		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	U	1	ug/L	OK	1
TW4-34	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-34	NITRATE + NITRITE AS N	0.1	ug/L		0.1	ug/L	OK	1
TW4-35	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-35	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-35	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
TW4-35	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-35	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-35	NITRATE + NITRITE AS N	0.1	ug/L		0.1	ug/L	OK	1
TW4-36	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-36	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-36	CHLOROFORM	1	ug/L	U	1	ug/L	OK	1
TW4-36	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-36	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-36	NITRATE + NITRITE AS N	0.1	ug/L	U	0.1	ug/L	OK	1
TW4-60	CHLORIDE	1	mg/L	U	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	U	1	ug/L	OK	1
TW4-60	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-60	NITRATE + NITRITE AS N	0.1	ug/L	U	0.1	ug/L	OK	1
TW4-28	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-28	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-28	CHLOROFORM	1	ug/L		1	ug/L	OK	1
TW4-28	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-28	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-28	NITRATE + NITRITE AS N	1	ug/L		0.1	ug/L	OK	10

I-5 Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Required Reporting Limit	Units	RL Check	DILUTION FACTOR
TW4-70	CHLORIDE	1	mg/L		1	mg/L	OK	1
TW4-70	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-70	CHLOROFORM	1	ug/L		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	ug/L		0.1	ug/L	OK	10
TW4-75	CARBON TETRACHLORIDE	1	ug/L	U	1	ug/L	OK	1
TW4-75	CHLOROFORM	50	ug/L		1	ug/L	OK	50
TW4-75	CHLOROMETHANE	1	ug/L	U	1	ug/L	OK	1
TW4-75	METHYLENE CHLORIDE	1	ug/L	U	1	ug/L	Error	1

I-6 Trip Blank Evaluation

Lab Report	Constituent	Result
1409251	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1408496	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L
1410570	Carbon tetrachloride	ND ug/L
	Chloroform	ND ug/L
	Chloromethane	ND ug/L
	Methylene chloride	ND ug/L

I-7 QA/QC Evaluation for Sample Duplicates

Constituent	TW4-28	TW4-65	%RPD
Chloride (mg/L)	50	51	2.0
Nitrate + Nitrite (as N)	14.2	14.5	2.1
Carbon Tetrachloride	ND	ND	NC
Chloroform	ND	3.2	NC
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

Constituent	TW4-08	TW4-70	%RPD
Chloride (mg/L)	47	47	0.0
Nitrate + Nitrite (as N)	0.6	1.9	104.0
Carbon Tetrachloride	ND	ND	NC
Chloroform	107	104	3
Chloromethane	ND	ND	NC
Dichloromethane (Methylene Chloride)	ND	ND	NC

Constituent	TW4-06	TW4-75	%RPD
Carbon Tetrachloride	ND	ND	NC
Chloroform	260	340	27
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
1409251	1409251-05	TW4-21	Chloride*	NC	NC	80 - 120	NC
1409251	1409251-14	TW4-60	Nitrate	71	74	80 - 120	4.14
1408496	N/A	N/A	Nitrate	72	85	80 - 120	16.6
1408496	N/A	N/A	Nitrate	73	85	80 - 120	15.2
1408496	1405494-013BMS	TW4-03R	Nitrate	67	75	80 - 120	9.76
1408496	1405562-001BMS	TW4-19	Nitrate	72	86	80 - 120	14.7
1408496	N/A	N/A	Nitrate	42	51	80 - 120	18.2

N/A: QC was not performed on an EFRI sample.

* Recovery was not calculated as the analyte level in the sample was greater than 4 times the spike amount

Laboratory Control Sample

All Laboratory Control Samples were within acceptance limits for the quarter.

Surrogate % Recovery

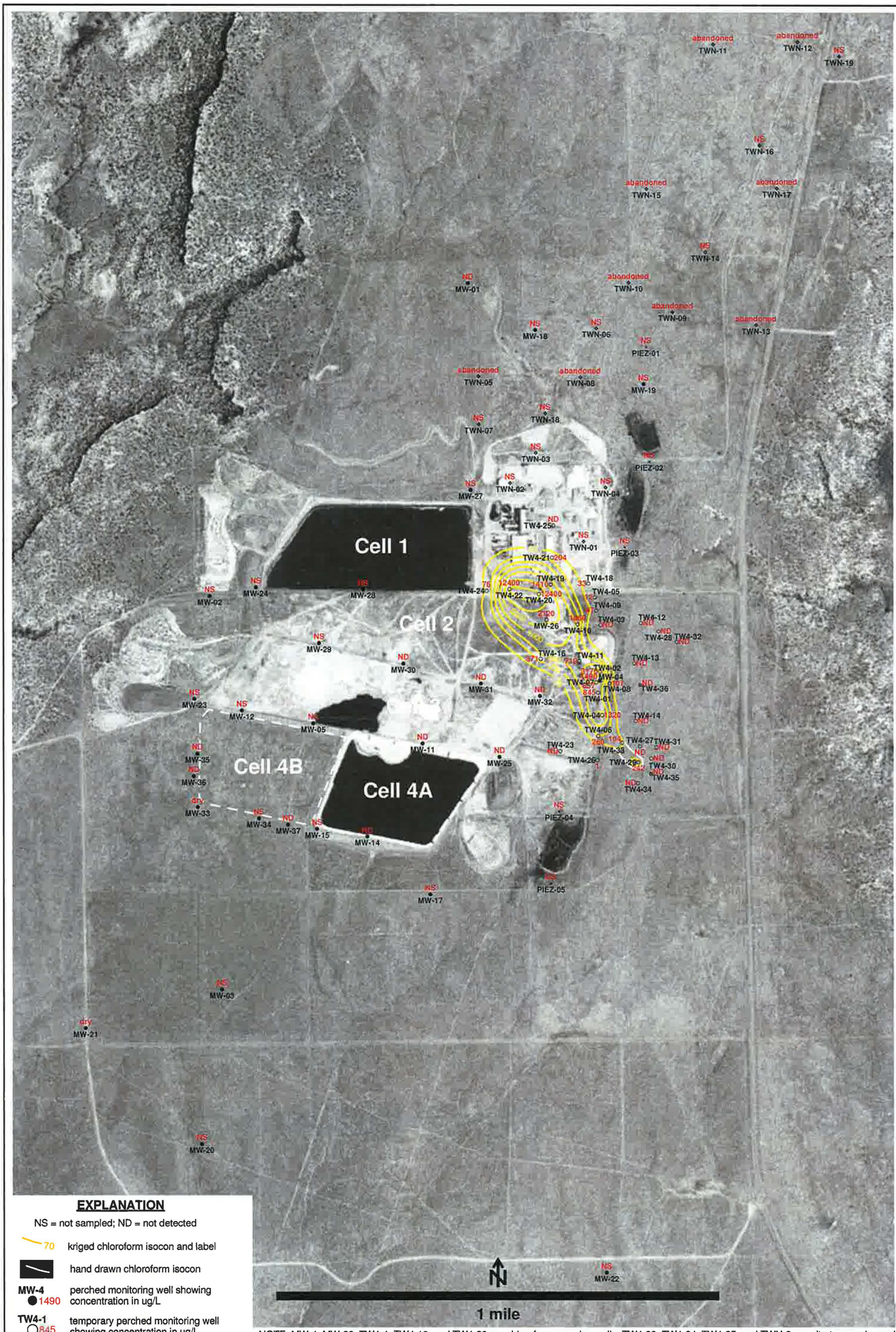
All Surrogate recoveries were within acceptance limits for the quarter.

I-9 Rinsate Evaluation

Rinsate Sample	Constituent	Rinsate Result		Result for Well
TW4-03R	Nitrate	0.1	mg/L	TW4-3 - 5.3 mg/L
TW4-33R	Nitrate	0.3	mg/L	TW4-33 - 1.5 mg/L

Tab J

Kriged Current Quarter Chloroform Isoconcentration Map



EXPLANATION

NS = not sampled; ND = not detected

- 70 — kriged chloroform isocon and label
- hand drawn chloroform isocon
- **MW-4** ● 1490 — perched monitoring well showing concentration in ug/L
- **TW4-1** ○ 845 — 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)
- **TW4-36** ☼ ND — temporary perched monitoring well installed May, 2014 showing concentration in ug/L

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 3rd QUARTER, 2014 CHLOROFORM (ug/L) WHITE MESA SITE

APPROVED	DATE	REFERENCE	FIGURE
	10/17/14	H:/718000/nov14/chloroform/Uchl0914h.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
24-Aug-14	1490	ND	7.6	ND	3.7	41

TW4-1	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
28-Jun-99	1700				7.2	
10-Nov-99	5.8					
15-Mar-00	1100					
10-Apr-00	1490					
6-Jun-00	1530					
2-Sep-00	2320				5.58	
30-Nov-00	3440				7.79	
29-Mar-01	2340				7.15	
22-Jun-01	6000				8.81	
20-Sep-01					12.8	
8-Nov-01	3200				12.4	
26-Mar-02	3200				13.1	
22-May-02	2800				12.7	
12-Sep-02	3300				12.8	
24-Nov-02	3500				13.6	
28-Mar-03	3000				12.4	
23-Jun-03	3600				12.5	
12-Sep-03	2700				12.5	
8-Nov-03	3400				11.8	
29-Mar-04	3200				11	
22-Jun-04	3100				8.78	
17-Sep-04	2800				10.8	
17-Nov-04	3000				11.1	
16-Mar-05	2700				9.1	
25-May-05	3080	NA	NA	NA	10.6	NA
31-Aug-05	2900	<10	<10	<10	9.8	NA
1-Dec-05	2400	<50	<50	<50	9.7	NA
9-Mar-06	2700	<50	<50	<50	9.4	49
14-Jun-06	2200	<50	<50	<50	9.8	48
20-Jul-06	2840	<50	<50	<50	9.7	51
8-Nov-06	2260	1.4	<1	<1	9.4	47
28-Feb-07	1900	1.2	<1	<1	8.9	47
27-Jun-07	1900	1.4	<1	<1	9	45
15-Aug-07	2300	1.3	<1	<1	8.4	43
10-Oct-07	2000	1.3	<1	<1	7.8	43
26-Mar-08	2000	1.3	<1	<1	7.6	39
25-Jun-08	1900	1.1	<1	<1	8.68	39
10-Sep-08	1700	1.3	<1	<1	8.15	35
15-Oct-08	1700	1.3	<1	<1	9.3	41

TW4-1	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
11-Mar-09	1700	1.1	<1	<1	7.5	37
24-Jun-09	1500	1	<1	<1	6.9	37
15-Sep-09	1700	<1	<1	<1	7.3	36
29-Dec-09	1400	<1	<1	<1	6.8	41
3-Mar-10	1300	<1	<1	<1	7.1	35
15-Jun-10	1600	1.2	<1	<1	6.8	40
24-Aug-10	1500	<1	<1	<1	6.8	35
14-Oct-10	1500	<1	<1	<1	6.6	40
24-Feb-11	1300	ND	ND	ND	6.6	41
1-Jun-11	1200	ND	ND	ND	7	35
18-Aug-11	1300	ND	ND	ND	6.8	36
29-Nov-11	1300	ND	ND	ND	6.6	37
19-Jan-12	1300	ND	ND	ND	6.8	38
14-Jun-12	1000	ND	ND	ND	7.1	42
13-Sep-12	1000	ND	ND	ND	5	39
4-Oct-12	1100	ND	ND	ND	6.5	40
13-Feb-13	1320	3.66	ND	ND	6.99	37.6
19-Jun-13	1100	ND	ND	ND	6.87	39.1
12-Sep-13	1150	ND	ND	ND	7.12	37.6
14-Nov-13	1280	ND	ND	ND	7.08	36.5
5-Feb-14	1090	5.47	ND	ND	7.74	38.9
23-May-14	1020	4.77	ND	ND	6.93	37.4
27-Aug-14	845	ND	1.4	ND	4.8	38

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
27-Aug-14	3170	1.4	3.6	ND	6.2	45

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	6.01	24
13-Aug-14	ND	ND	ND	ND	5.300	26

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
11-Aug-14	1320	ND	7	ND	5	40.0

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
14-Aug-14	12.0	ND	ND	ND	7.2	44

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
14-Aug-14	202.0	ND	ND	ND	4.2	40
24-Sep-14	260.0	ND	ND	ND	N/A	N/A

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
27-Aug-14	857	ND	1.5	ND	2.9	39

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
27-Aug-14	107	ND	ND	ND	0.6	47

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
14-Aug-14	46.9	ND	ND	ND	2.7	27

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
27-Aug-14	1060	ND	1.5	ND	9.8	74

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
27-Aug-14	719	ND	1.2	ND	5.4	48

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
27-Aug-14	ND	ND	ND	ND	13	47

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
13-Aug-14	ND	ND	ND	ND	4.8	62

TW4-14	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
8-Nov-06	<1	<1	<1	<1	2.4	37
28-Feb-07	<1	<1	<1	<1	2.3	38
27-Jun-07	<1	<1	<1	<1	1.4	38
15-Aug-07	<1	<1	<1	<1	1.1	36
10-Oct-07	<1	<1	<1	<1	0.8	36
26-Mar-08	<1	<1	<1	<1	0.04	57
25-Jun-08	<1	<1	<1	<1	1.56	35
10-Sep-08	<1	<1	<1	<1	1.34	34
15-Oct-08	<1	<1	<1	<1	0.76	40
4-Mar-09	<1	<1	<1	<1	1.6	35
24-Jun-09	<1	<1	<1	<1	1.4	36
15-Sep-09	<1	<1	<1	<1	1.5	38
16-Dec-09	<1	<1	<1	<1	1.4	34
3-Mar-10	<1	<1	<1	<1	2.5	33
8-Jun-10	<1	<1	<1	<1	2.9	49
10-Aug-10	<1	<1	<1	<1	2.8	35
6-Oct-10	<1	<1	<1	<1	2.9	29
15-Feb-11	ND	ND	ND	ND	1.8	25
16-Aug-11	ND	ND	ND	ND	2.6	33
15-Nov-11	ND	ND	ND	ND	1.7	15
17-Jan-12	ND	ND	ND	ND	1.9	20
31-May-12	ND	ND	ND	ND	3.3	35
29-Aug-12	ND	ND	ND	ND	3.9	37
3-Oct-12	ND	ND	ND	ND	4.2	37
7-Feb-13	ND	ND	ND	ND	4.63	35.2
30-May-13	ND	ND	ND	ND	4.37	38.6
29-Aug-13	ND	ND	ND	ND	4.51	37.6
6-Nov-13	ND	ND	ND	ND	4.81	36.5
22-Jan-14	ND	ND	ND	ND	5.92	35.5
21-May-14	ND	ND	ND	ND	4.87	32.5
13-Aug-14	ND	ND	ND	ND	4.1	38

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
11-Aug-14	2120	ND	8.7	26	0.7	59

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
14-Aug-14	229.0	ND	ND	ND	5.1	80
24-Sep-14	371.0	ND	ND	ND	N/A	N/A

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
26-Aug-14	ND	ND	ND	ND	ND	34

TW4-18	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
12-Sep-02	440				1.49	
24-Nov-02	240				13.3	
28-Mar-03	160				13.1	
23-Jun-03	110				19	
12-Sep-03	68.0				19.9	
9-Nov-03	84.0				20.7	
29-Mar-04	90.0				14	
22-Jun-04	82.0				12.2	
17-Sep-04	38.0				14.5	
17-Nov-04	51.0				17.3	
16-Mar-05	38.0				14.1	
25-May-05	29.8	NA	NA	NA	12.9	NA
31-Aug-05	39	<1	2.8	<1	13.3	NA
1-Dec-05	14	<1	1.1	<1	7.3	NA
9-Mar-06	12.0	<1	1.1	<1	5.9	5.9
14-Jun-06	12.0	<1	1.6	<1	4.7	35
20-Jul-06	10.8	<1	2.7	<1	6.1	35
8-Nov-06	139	<1	<1	<1	8.7	34
28-Feb-07	9.2	<1	<1	<1	5.1	30
27-Jun-07	8.0	<1	<1	<1	4.9	28
15-Aug-07	8.9	<1	<1	<1	5	32
10-Oct-07	7.4	<1	<1	<1	4.4	27
26-Mar-08	6.4	<1	<1	<1	0.7	23
25-Jun-08	5.7	<1	<1	<1	4.55	23
10-Sep-08	8.0	<1	<1	<1	4.68	26
15-Oct-08	9.4	<1	<1	<1	5,15	30
4-Mar-09	11.0	<1	<1	<1	5.2	29
24-Jun-09	16.0	<1	<1	<1	6.2	30
15-Sep-09	13.0	<1	<1	<1	5.9	26
22-Dec-09	8.2	<1	<1	<1	5.4	30
24-Feb-10	69.0	<1	<1	<1	5.1	41
9-Jun-10	29.0	<1	<1	<1	9	35
12-Aug-10	29.0	<1	<1	<1	9	37
13-Oct-10	30.0	<1	<1	<1	10	50
22-Feb-11	39.0	ND	ND	ND	10	52
26-May-11	26.0	ND	ND	ND	9	36
17-Aug-11	29.0	ND	ND	ND	4.6	23
7-Dec-11	28.0	ND	ND	ND	6.3	23
19-Jan-12	25.0	ND	ND	ND	4.4	18

TW4-18	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
13-Jun-12	24.0	ND	ND	ND	6.6	30
11-Sep-12	38.0	ND	ND	ND	6.6	26
3-Oct-12	30.0	ND	ND	ND	6	27
13-Feb-13	34.9	ND	ND	ND	5.58	23.1
13-Jun-13	37.9	ND	ND	ND	8.86	22.9
5-Sep-13	41.0	ND	ND	ND	12.1	36.2
13-Nov-13	44.3	ND	ND	ND	14.2	37.1
30-Jan-14	38.9	ND	ND	ND	12.8	40.9
22-May-14	34.8	ND	ND	ND	12.2	47
14-Aug-14	32.8	ND	ND	ND	9.8	49

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
11-Aug-14	1410	1.9	8.3	ND	1.6	140

TW4-20	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	39000	NA	NA	NA	10.1	NA
31-Aug-05	3800	<10	<10	<10	2.9	NA
1-Dec-05	19000	<250	<250	<250	1.8	NA
9-Mar-06	9200	<500	<500	<500	3.8	120
14-Jun-06	61000	<500	<500	<500	9.4	235
20-Jul-06	5300	<1000	<1000	<1000	2.9	134
8-Nov-06	11000	7.1	1.9	2.2	3.5	124
28-Feb-07	4400	3.1	<1	1.1	4.2	124
27-Jun-07	1800	2.2	<1	<1	2.3	112
15-Aug-07	5200	3.5	<1	1.8	2.1	117
10-Oct-07	9000	6.8	<1	1.9	5.6	170
26-Mar-08	13000	9	<1	1.5	0.9	132
25-Jun-08	30000	13	<1	1.2	7.96	191
10-Sep-08	21000	15	<1	3.7	4.44	156
15-Oct-08	NA	NA	NA	NA	5.51	166
4-Mar-09	8200	5.7	<1	5.2	5.1	164
24-Jun-09	6800	4.9	<2	4.2	2.9	164
15-Sep-09	13000	8.4	<2	4.4	3.3	153
14-Dec-09	15000	14	<1	3	5.3	187
17-Feb-10	3500	2.7	<1	3.2	2	179
14-Jun-10	18000	11	<1	3.7	5.6	200
16-Aug-10	15000	12	<1	2.2	5.3	196
11-Oct-10	24000	20	<1	5.5	4.6	203
23-Feb-11	31000	27	ND	19	4.4	220
1-Jun-11	8100	10	ND	2.1	4.8	177
17-Aug-11	6800	7.3	ND	3.1	6.5	207
16-Nov-11	7900	7.2	ND	2.5	4.2	186
23-Jan-12	11000	10	ND	1.3	7.9	207
6-Jun-12	36000	33	ND	ND	11	262
4-Sep-12	13000	26	ND	ND	10.8	289
3-Oct-12	19000	22	ND	ND	11	302
11-Feb-13	18500	19.6	ND	1.21	9.07	252
5-Jun-13	26300	32.5	ND	1.13	9.76	250
3-Sep-13	26800	25.7	ND	2.14	8.65	260
29-Oct-13	15700	17.3	ND	1.37	9.64	272
27-Jan-14	17800	18.4	ND	2.04	7.56	254
19-May-14	22100	22.1	2.31	3.98	5.95	269
11-Aug-14	12400	14.1	55.2	2.2	4.3	299

TW4-21	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	192	NA	NA	NA	14.6	NA
31-Aug-05	78	<5	<5	<5	10.1	NA
1-Dec-05	86	<1	1.0	<1	9.6	NA
9-Mar-06	120	<2.5	<2.5	<2.5	8.5	347
14-Jun-06	130	<2.5	<2.5	<2.5	10.2	318
20-Jul-06	106	<2.5	<2.5	<2.5	8.9	357
8-Nov-06	139	2	<1	<1	8.7	296
28-Feb-07	160	1.8	<1	<1	8.7	306
27-Jun-07	300	5.8	<1	<1	8.6	327
15-Aug-07	140	<1	<1	<1	8.6	300
10-Oct-07	120	<1	<1	<1	8.3	288
26-Mar-08	380	7	<1	<1	14.3	331
25-Jun-08	160	1.7	<1	<1	8.81	271
10-Sep-08	120	1.6	<1	<1	7.57	244
15-Oct-08	170	2	<1	<2	8.00	284
11-Mar-09	180	<1	<1	<1	8.3	279
24-Jun-09	200	<1	<1	<1	8.1	291
15-Sep-09	140	<1	<1	<1	9.2	281
22-Dec-09	160	<1	<1	<1	8.4	256
25-Feb-10	170	<1	<1	<1	8.4	228
10-Jun-10	210	1.2	<1	<1	12	266
12-Aug-10	390	9.2	<1	<1	14	278
13-Oct-10	200	1.2	<1	<1	7	210
22-Feb-11	230	1.2	ND	ND	9	303
28-Jun-11	290	4.8	ND	ND	12	290
17-Aug-11	460	6.3	ND	ND	14	287
7-Dec-11	390	6.7	ND	ND	13	276
19-Jan-12	420	6.4	ND	ND	15	228
13-Jun-12	400	5.4	ND	ND	11	285
13-Sep-12	410	6	ND	ND	13	142
4-Oct-12	390	7	ND	ND	14	270
13-Jan-13	282	5.25	ND	ND	11.8	221
18-Jun-13	328	3.49	ND	ND	13.8	243
12-Sep-13	244	2.13	ND	ND	10.3	207
13-Nov-13	204	ND	ND	ND	9	206
5-Feb-14	220	6.23	ND	ND	11.4	200
22-May-14	240	4.73	ND	ND	11.5	243
27-Aug-14	204	ND	ND	ND	7.1	230

TW4-22	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
25-May-05	340	NA	NA	NA	18.2	NA
31-Aug-05	290	<5	<5	<5	15.7	NA
1-Dec-05	320	<5	<5	<5	15.1	NA
9-Mar-06	390	<10	<10	<10	15.3	236
14-Jun-06	280	<10	<10	<10	14.3	221
20-Jul-06	864	<10	<10	<10	14.5	221
8-Nov-06	350	<1	1.6	<1	15.9	236
28-Feb-07	440	<1	<1	<1	20.9	347
27-Jun-07	740	<1	<1	<1	19.3	273
15-Aug-07	530	<1	<1	<1	19.3	259
10-Oct-07	440	<1	<1	<1	18.8	238
26-Mar-08	1400	<1	<1	<1	39.1	519
25-Jun-08	1200	<1	<1	<1	41.9	271
10-Sep-08	6300	1.3	<1	<1	38.7	524
15-Oct-08	630	<2	<2	<2	36.3	539
11-Mar-09	390	<1	<1	<1	20.7	177
24-Jun-09	730	<1	<1	<1	20.6	177
15-Sep-09	2300	<1	<1	<1	40.3	391
29-Dec-09	380	<1	<1	<1	17.8	175
3-Mar-10	2200	<1	<1	<1	36.6	427
15-Jun-10	540	<1	<1	<1	19	134
24-Aug-10	340	<1	<1	<1	15	130
13-Oct-10	340	<1	<1	<1	16	134
23-Feb-11	1300	ND	ND	ND	18	114
1-Jun-11	210	ND	ND	ND	17	138
17-Aug-11	450	ND	ND	ND	15	120
7-Dec-11	400	ND	ND	ND	19	174
19-Jan-12	200	ND	ND	ND	14	36
13-Jun-12	120	ND	ND	ND	12.8	35
12-Sep-12	940	ND	ND	ND	7	121
4-Oct-12	330	ND	ND	ND	14	130
11-Feb-13	10600	3.24	ND	ND	58	635
5-Jun-13	12500	3.35	ND	ND	50.2	586
3-Sep-13	9640	3.25	ND	ND	29.7	487
29-Oct-13	13300	8.09	ND	ND	45.2	501
27-Jan-14	12100	6.06	ND	2.83	54.6	598
19-May-14	12400	6.65	ND	ND	47.2	614
11-Aug-14	12400	1.9	40	ND	41.5	540

TW4-23	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	<0.1	47
15-Aug-07	<1	<1	<1	<1	<0.1	46
10-Oct-07	<1	<1	<1	<1	<0.1	43
26-Mar-08	<1	<1	<1	<1	<0.1	41
25-Jun-08	<1	<1	<1	<1	<0.05	41
10-Sep-08	<1	<1	<1	<1	<0.05	35
15-Oct-08	<2	<2	<2	<2	<0.05	51
4-Mar-09	<1	<1	<1	<1	<0.1	41
24-Jun-09	<1	<1	<1	<1	<0.1	43
15-Sep-09	<1	<1	<1	<1	<0.1	43
16-Dec-09	<1	<1	<1	<1	<0.1	37
24-Feb-10	<1	<1	<1	<1	<0.1	45
8-Jun-10	<1	<1	<1	<1	<0.1	40
10-Aug-10	<1	<1	<1	<1	<0.1	40
5-Oct-10	<1	<1	<1	<1	<0.1	34
16-Feb-11	ND	ND	ND	ND	ND	44
25-May-11	ND	ND	ND	ND	ND	44
16-Aug-11	ND	ND	ND	ND	ND	41
15-Nov-11	ND	ND	ND	ND	ND	43
17-Jan-12	ND	ND	ND	ND	ND	40
31-May-12	ND	ND	ND	ND	ND	44
29-Aug-12	ND	ND	ND	ND	ND	46
3-Oct-12	ND	ND	ND	ND	ND	45
7-Feb-13	ND	ND	ND	ND	ND	43.6
30-May-13	ND	ND	ND	ND	0.116	44.7
5-Sep-13	ND	ND	ND	ND	ND	48.0
7-Nov-13	ND	ND	ND	ND	ND	43.0
23-Jan-14	ND	ND	ND	ND	ND	44.6
21-May-14	ND	ND	ND	ND	ND	42.3
13-Aug-14	ND	ND	ND	ND	ND	46.0

TW4-24	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	2.6	<1	<1	<1	26.1	770
15-Aug-07	2.2	<1	<1	<1	29	791
10-Oct-07	1.5	<1	<1	<1	24.7	692
26-Mar-08	1.5	<1	<1	<1	24.4	740
25-Jun-08	1.4	<1	<1	<1	45.3	834
10-Sep-08	2.9	<1	<1	<1	38.4	1180
15-Oct-08	<2	<2	<2	<2	44.6	1130
4-Mar-09	1.4	<1	<1	<1	30.5	1010
24-Jun-09	1.5	<1	<1	<1	30.4	759
15-Sep-09	1.4	<1	<1	<1	30.7	618
17-Dec-09	1.2	<1	<1	<1	28.3	1080
25-Feb-10	1.3	<1	<1	<1	33.1	896
9-Jun-10	1.7	<1	<1	<1	30	639
24-Aug-10	1.8	<1	<1	<1	31	587
6-Oct-10	1.4	<1	<1	<1	31	522
17-Feb-11	1.8	ND	ND	ND	31	1100
26-May-11	1.1	ND	ND	ND	35	1110
17-Aug-11	1.7	ND	ND	ND	34	967
7-Dec-11	1.2	ND	ND	ND	35	608
18-Jan-12	ND	ND	ND	ND	37	373
6-Jun-12	ND	ND	ND	ND	37	355
30-Aug-12	1.1	ND	ND	ND	37	489
3-Oct-12	1.0	ND	ND	ND	38	405
11-Feb-13	5.7	ND	ND	ND	35.9	1260
5-Jun-13	17.4	ND	ND	ND	23.7	916
3-Sep-13	21.8	ND	ND	ND	32.6	998
29-Oct-13	32.5	ND	ND	ND	34.6	1030
27-Jan-14	78.5	ND	ND	1.18	31.6	809
19-May-14	62.7	ND	ND	ND	35	1020
11-Aug-14	76.3	ND	ND	ND	31.5	1150

TW4-25	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Jun-07	<1	<1	<1	<1	17.1	395
15-Aug-07	<1	<1	<1	<1	16.7	382
10-Oct-07	<1	<1	<1	<1	17	356
26-Mar-08	<1	<1	<1	<1	18.7	374
25-Jun-08	<1	<1	<1	<1	22.1	344
10-Sep-08	<1	<1	<1	<1	18.8	333
15-Oct-08	<2	<2	<2	<2	21.3	366
4-Mar-09	<1	<1	<1	<1	15.3	332
24-Jun-09	<1	<1	<1	<1	15.3	328
15-Sep-09	<1	<1	<1	<1	3.3	328
16-Dec-09	<1	<1	<1	<1	14.2	371
23-Feb-10	<1	<1	<1	<1	14.4	296
8-Jun-10	<1	<1	<1	<1	16	306
10-Aug-10	<1	<1	<1	<1	14	250
5-Oct-10	<1	<1	<1	<1	15	312
16-Feb-11	ND	ND	ND	ND	15	315
25-May-11	ND	ND	ND	ND	16	321
16-Aug-11	ND	ND	ND	ND	16	276
15-Nov-11	ND	ND	ND	ND	16	294
18-Jan-12	ND	ND	ND	ND	16	304
31-May-12	ND	ND	ND	ND	16	287
11-Sep-12	ND	ND	ND	ND	17	334
3-Oct-12	ND	ND	ND	ND	17	338
11-Feb-13	ND	ND	ND	ND	9.04	190
5-Jun-13	ND	ND	ND	ND	5.24	136
3-Sep-13	ND	ND	ND	ND	5.69	119
29-Oct-13	ND	ND	ND	ND	6.1	88.6
27-Jan-14	ND	ND	ND	ND	2.16	85.7
19-May-14	ND	ND	ND	ND	1.21	51.1
11-Aug-14	ND	ND	ND	ND	1.6	67

TW4-26	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
15-Jun-10	13	<1	<1	<1	7.9	33
11-Aug-10	5	<1	<1	<1	9	17
6-Oct-10	5.4	<1	<1	<1	9.6	22
22-Feb-11	2.0	ND	ND	ND	10	30
26-May-11	2.9	ND	ND	ND	10	15
17-Aug-11	2.8	ND	ND	ND	11	19
7-Dec-11	5.2	ND	ND	ND	10	26
18-Jan-12	7.0	ND	ND	ND	11	17
6-Jun-12	4.1	ND	ND	ND	12	19
11-Sep-12	4.9	ND	ND	ND	9	19
3-Oct-12	6.0	ND	ND	ND	12	19
7-Feb-13	5.0	ND	ND	ND	12.5	16.6
13-Jun-13	2.1	ND	ND	ND	13.6	14.5
5-Sep-13	2.8	ND	ND	ND	11.7	17.6
7-Nov-13	3.4	ND	ND	ND	15.9	15.9
29-Jan-14	1.4	ND	ND	ND	14.2	16.9
21-May-14	4.2	ND	ND	ND	12.5	15.4
11-Aug-14	1.3	ND	ND	ND	10.8	15

TW4-27	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
24-Jan-12	9	ND	ND	ND	24	11
13-Jun-12	ND	ND	ND	ND	41	17
30-Aug-12	ND	ND	ND	ND	37	21
3-Oct-12	ND	ND	ND	ND	36	18
7-Feb-13	ND	ND	ND	ND	31.2	18.8
30-May-13	ND	ND	ND	ND	29.4	20.3
29-Aug-13	ND	ND	ND	ND	27.2	19
6-Nov-13	ND	ND	ND	ND	29.8	21.8
23-Jan-14	ND	ND	ND	ND	31.3	21.8
21-May-14	ND	ND	ND	ND	31.1	20.6
13-Aug-14	ND	ND	ND	ND	27.0	23

TW4-28	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	14.9	44.6
29-Aug-13	ND	ND	ND	ND	17.3	45.3
6-Nov-13	ND	ND	ND	ND	16.2	45.2
22-Jan-14	ND	ND	ND	ND	16.9	47.8
21-May-14	ND	ND	ND	ND	16.5	45.7
13-Aug-14	ND	ND	ND	ND	14.2	50

TW4-29	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	242	ND	ND	ND	4.63	44.8
11-Jul-13	262	ND	ND	ND	3.52	37.7
26-Sep-13	246	ND	ND	ND	4.18	41.4
13-Nov-13	260	ND	ND	ND	4.11	42.5
5-Feb-14	258	ND	ND	ND	4.63	41.9
22-May-14	262	ND	ND	ND	3.52	38.2
27-Aug-14	242	ND	ND	ND	3.4	41

TW4-30	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	0.948	36
29-Aug-13	ND	ND	ND	ND	0.952	36.3
7-Nov-13	ND	ND	ND	ND	1.24	35.9
23-Jan-14	ND	ND	ND	ND	1.36	36
21-May-14	ND	ND	ND	ND	1.44	31.99
13-Aug-14	ND	ND	ND	ND	1.5	38

TW4-31	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
19-Jun-13	ND	ND	ND	ND	1.26	28.4
5-Sep-13	ND	ND	ND	ND	1.1	29.4
7-Nov-13	ND	ND	ND	ND	1.33	28
23-Jan-14	ND	ND	ND	ND	1.32	28.5
21-May-14	ND	ND	ND	ND	1.22	26.3
13-Aug-14	ND	ND	ND	ND	1.1	30

TW4-32	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	ND	ND	ND	ND	4.26	52.1
22-Jan-14	ND	ND	ND	ND	5.11	54.5
21-May-14	ND	ND	ND	ND	5.63	54.9
13-Aug-14	ND	ND	ND	ND	4.2	64

TW4-33	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	126	ND	ND	ND	1.82	47.2
30-Jan-14	124	ND	ND	ND	2.56	43.5
22-May-14	121	ND	ND	ND	1.63	46.8
27-Aug-14	104	ND	ND	ND	1.5	43

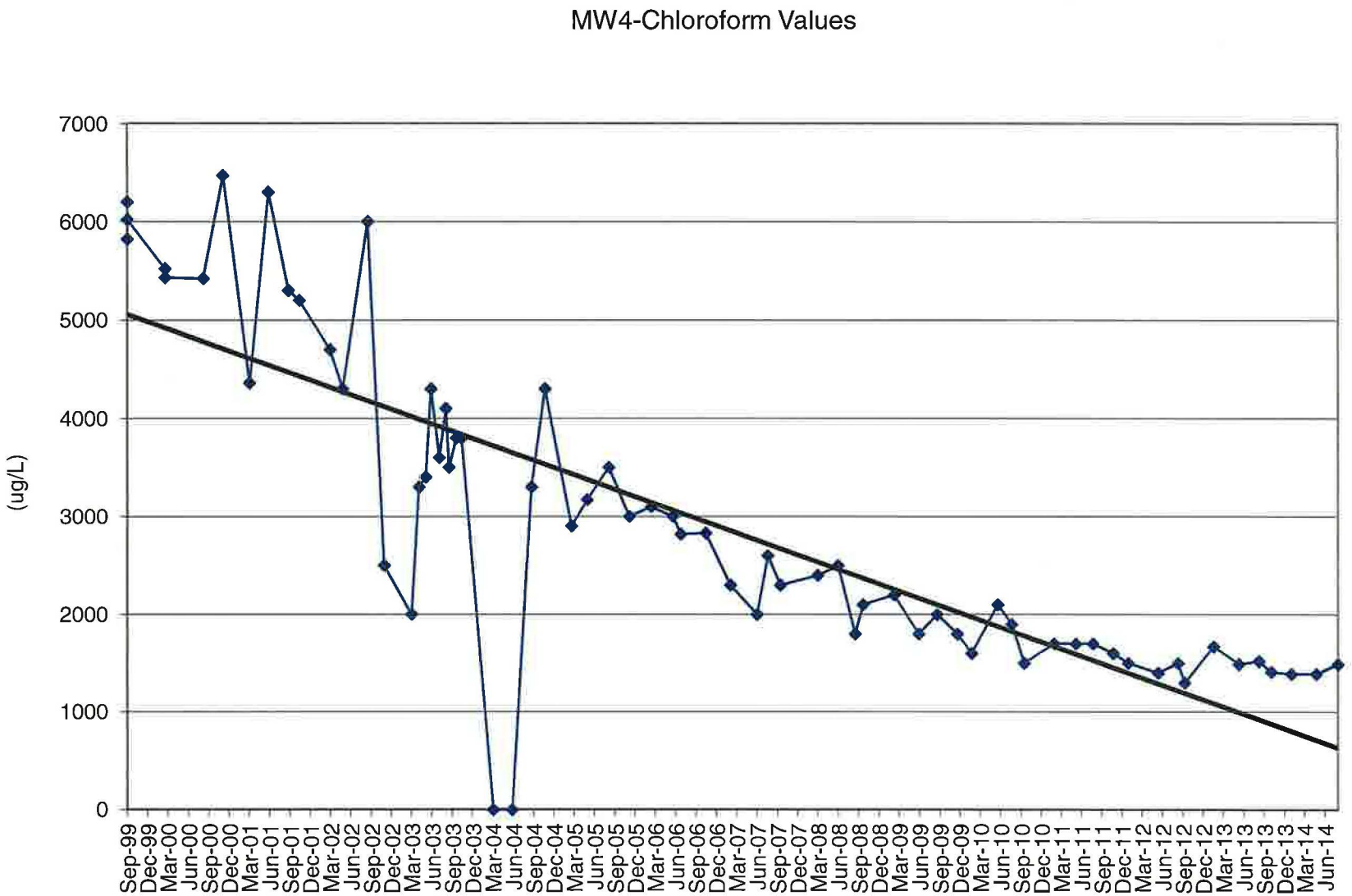
TW4-34	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
14-Nov-13	ND	ND	ND	ND	1.64	19.2
23-Jan-14	ND	ND	ND	ND	1.94	20.4
21-May-14	ND	ND	ND	ND	1.69	17.9
13-Aug-14	ND	ND	ND	ND	1.1	18

TW4-35	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Aug-14	ND	ND	ND	ND	0.2	34

TW4-36	Chloroform (ug/l)	Carbon Tetrachloride (ug/l)	Chloromethane (ug/l)	Methylene Chloride (ug/l)	Nitrate (mg/l)	Chloride (mg/l)
27-Aug-14	ND	ND	ND	ND	ND	65

Tab L

Chloroform Concentration Trend Graphs


MW4-Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
Sep-99
Dec-99
Mar-00
Jun-00
Sep-00
Dec-00
Mar-01
Jun-01
Sep-01
Dec-01
Mar-02
Jun-02
Sep-02
Dec-02
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Dec-10
Mar-11
Jun-11
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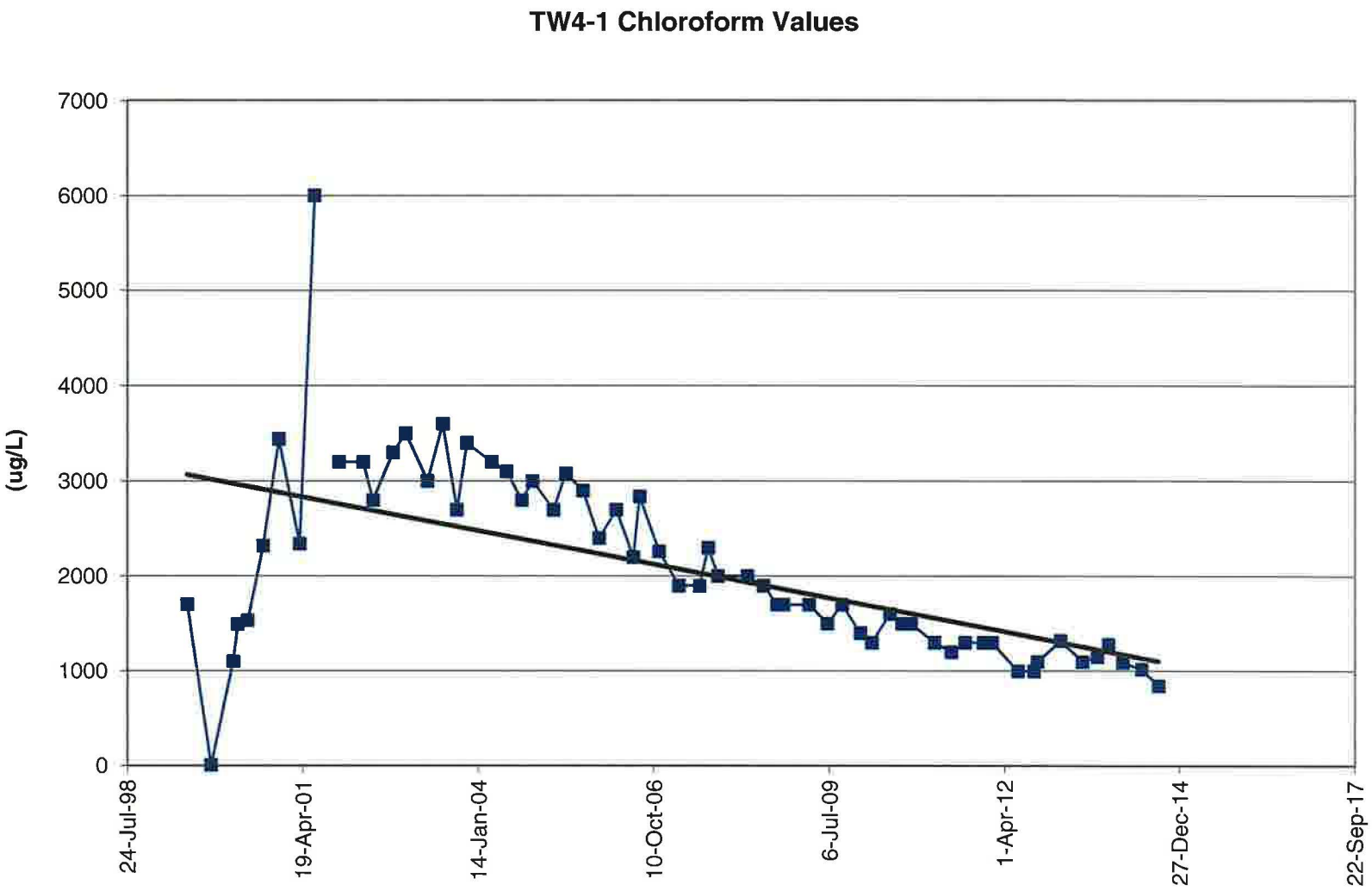
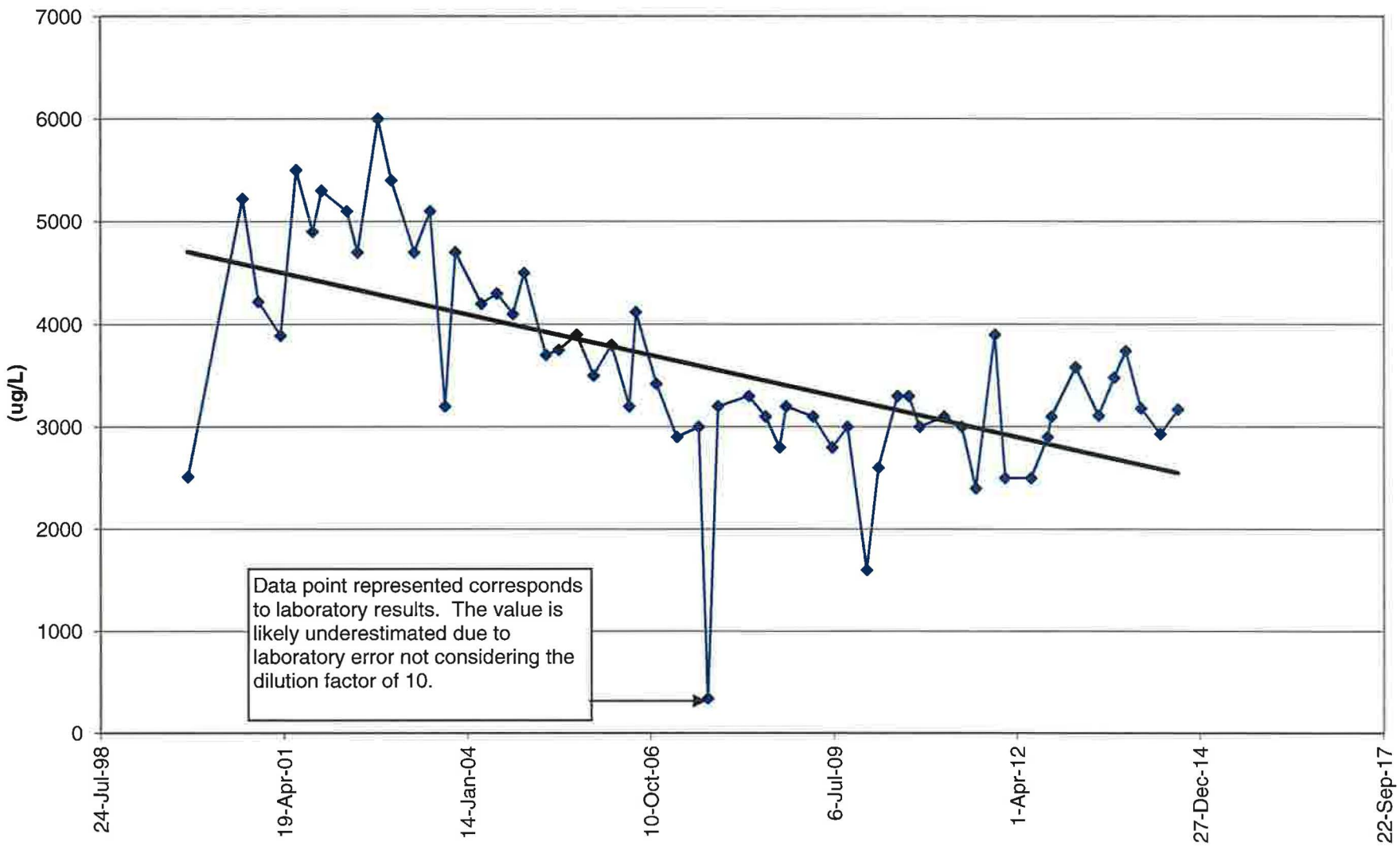
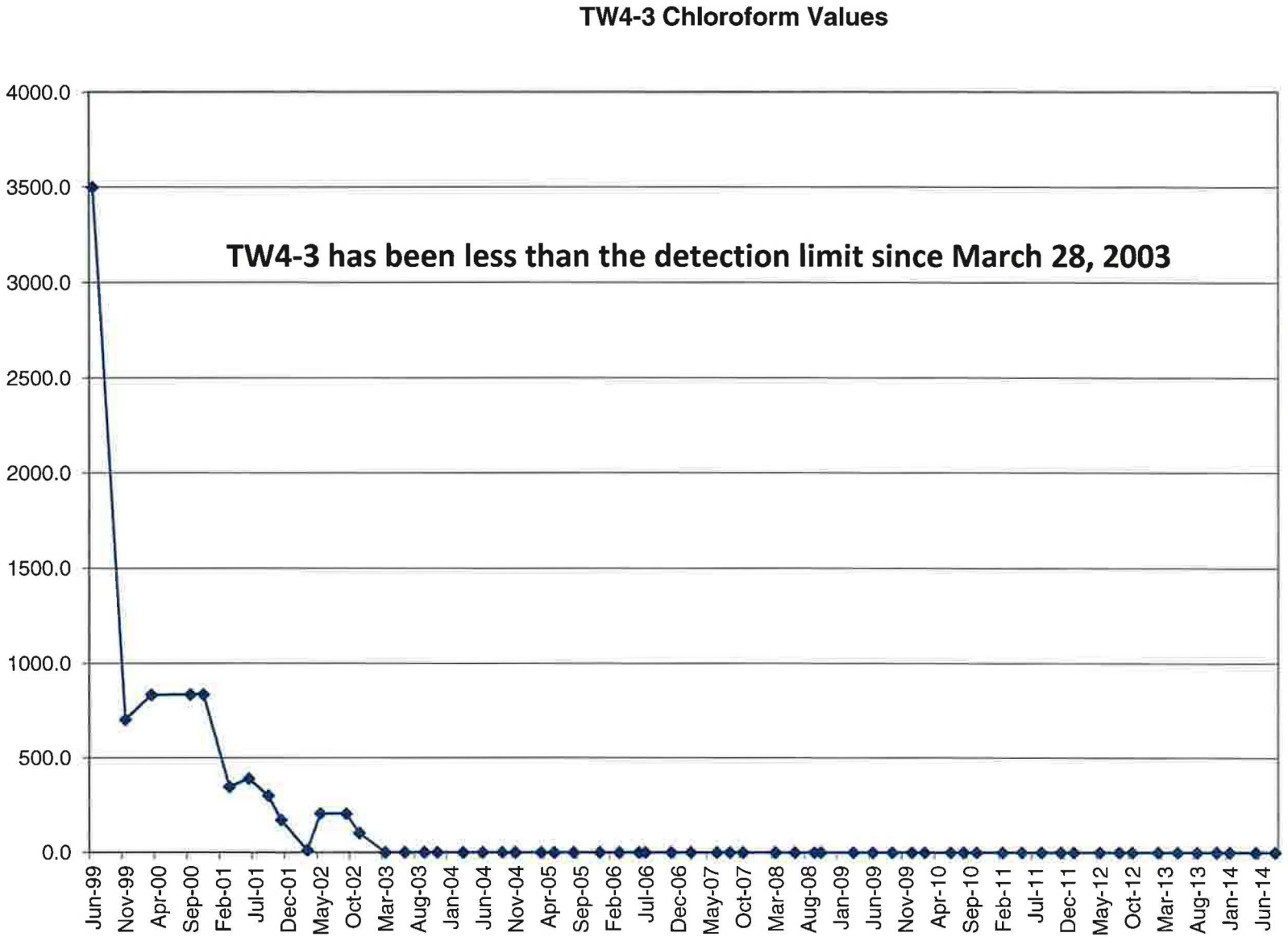
Mar-14
Jun-14


TW4-1 Chloroform Values
(ug/L)
7000
6000
5000
4000
3000
2000
1000
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17

TW4-2 Chloroform Values




TW4-3 Chloroform Values
TW4-3 has been less than the detection limit since March 28, 2003
4000.0
3500.0
3000.0
2500.0
2000.0
1500.0
1000.0
500.0
0.0
Jun-99
Nov-99
Apr-00
Sep-00
Feb-01
Jul-01
Dec-01
May-02
Oct-02
Mar-03
Aug-03
Jan-04
Jun-04
Nov-04
Apr-05
Sep-05
Feb-06
Jul-06
Dec-06
May-07
Oct-07
Mar-08
Aug-08
Jan-09
Jun-09
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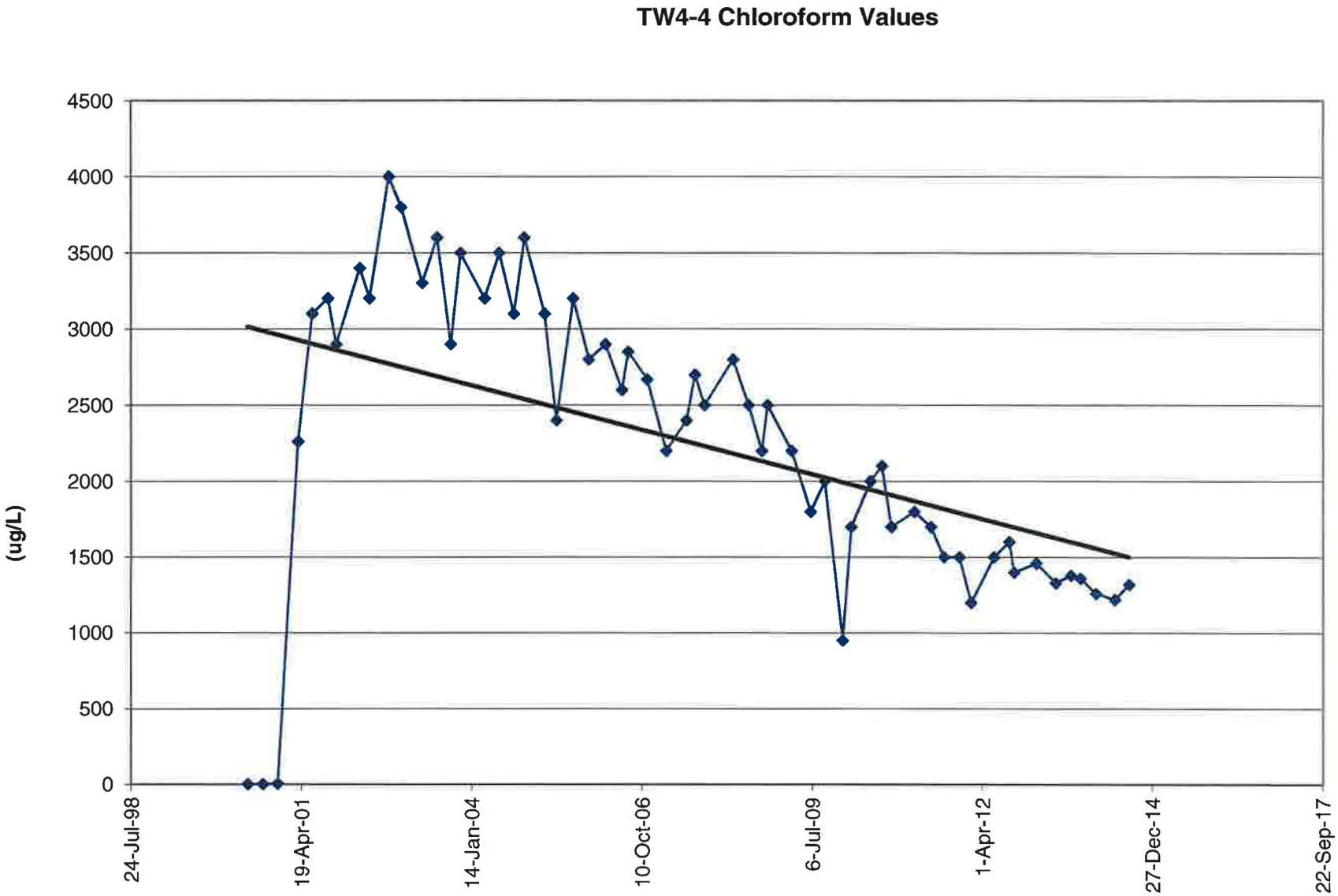
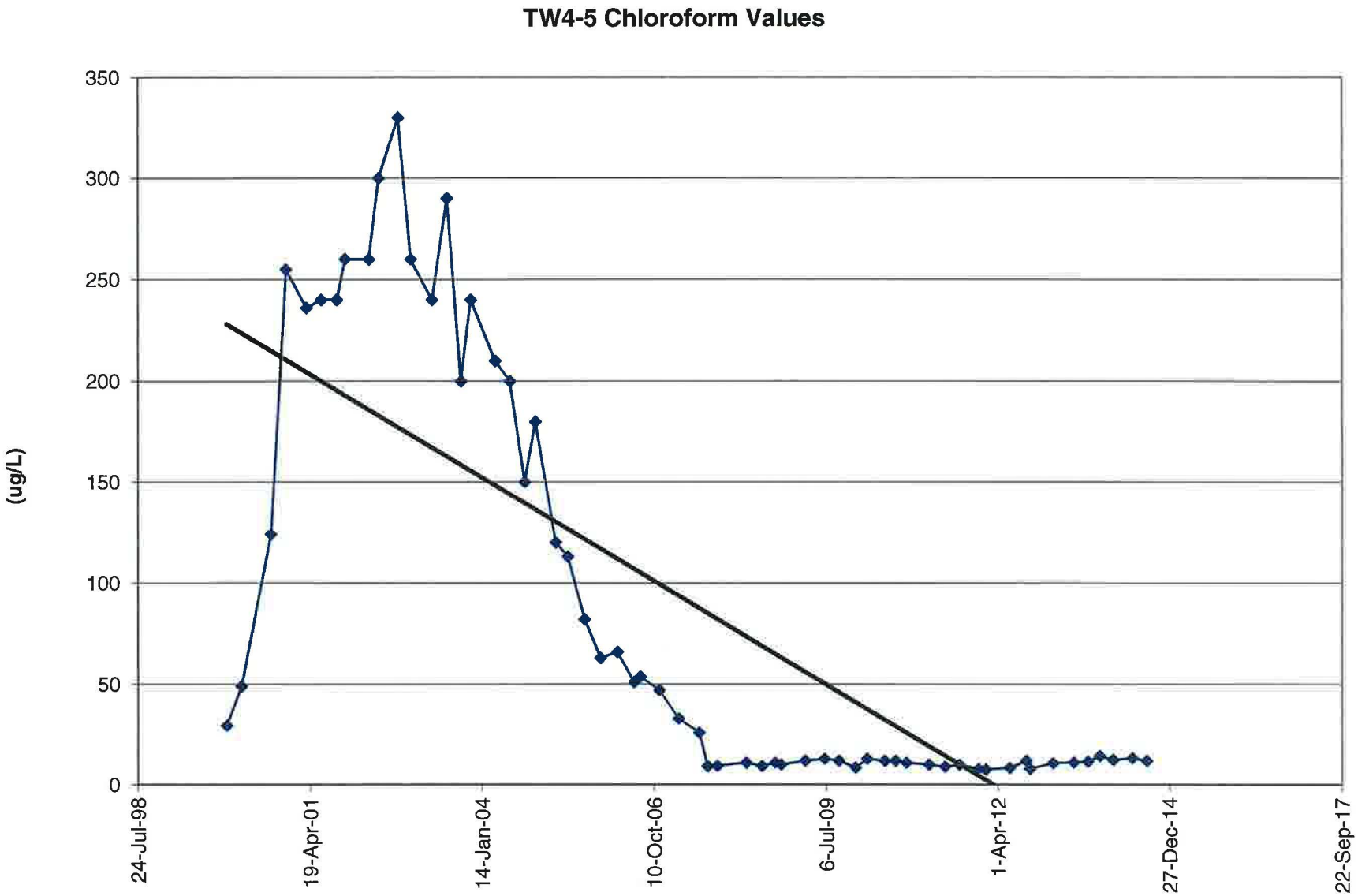
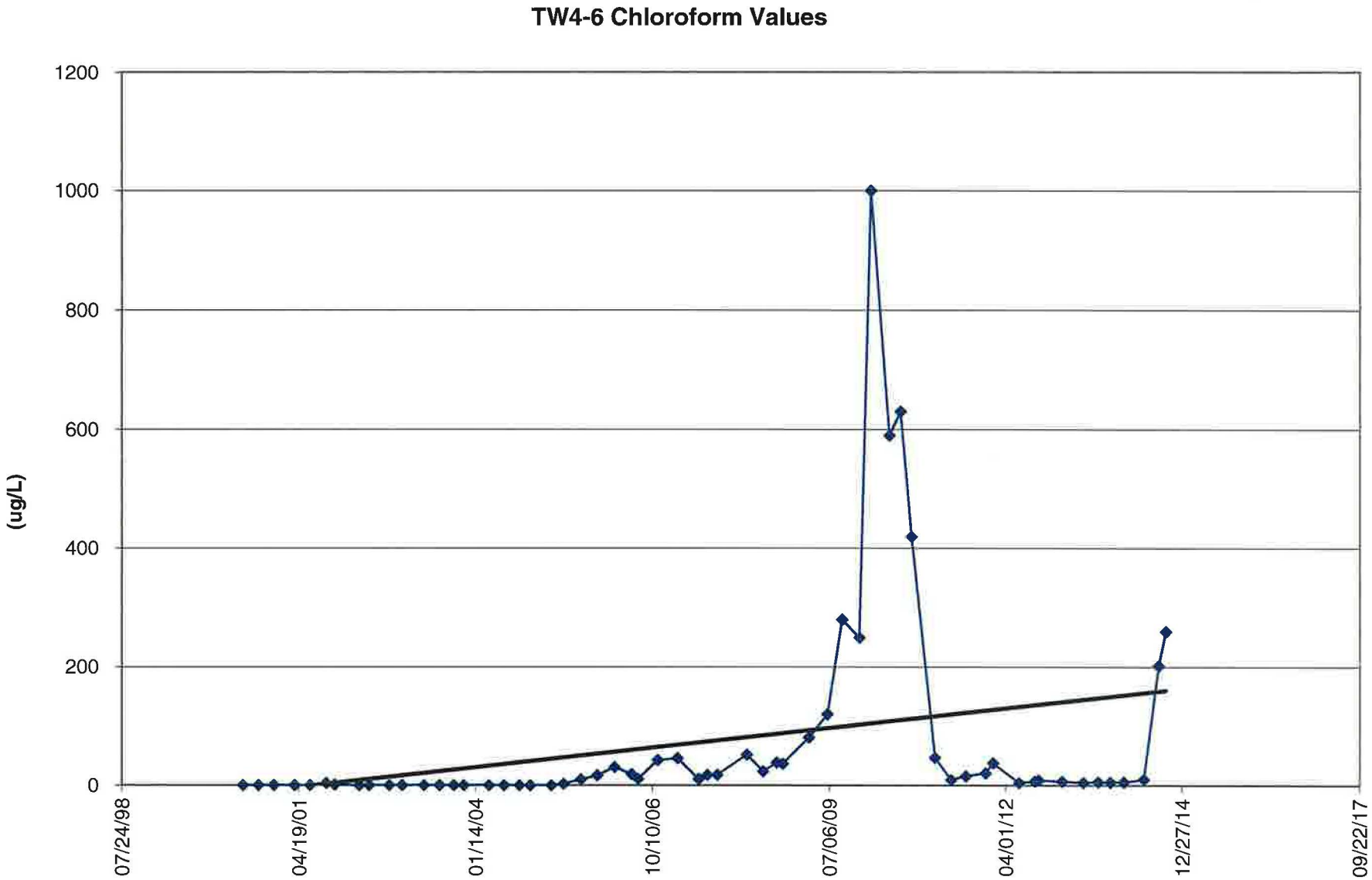
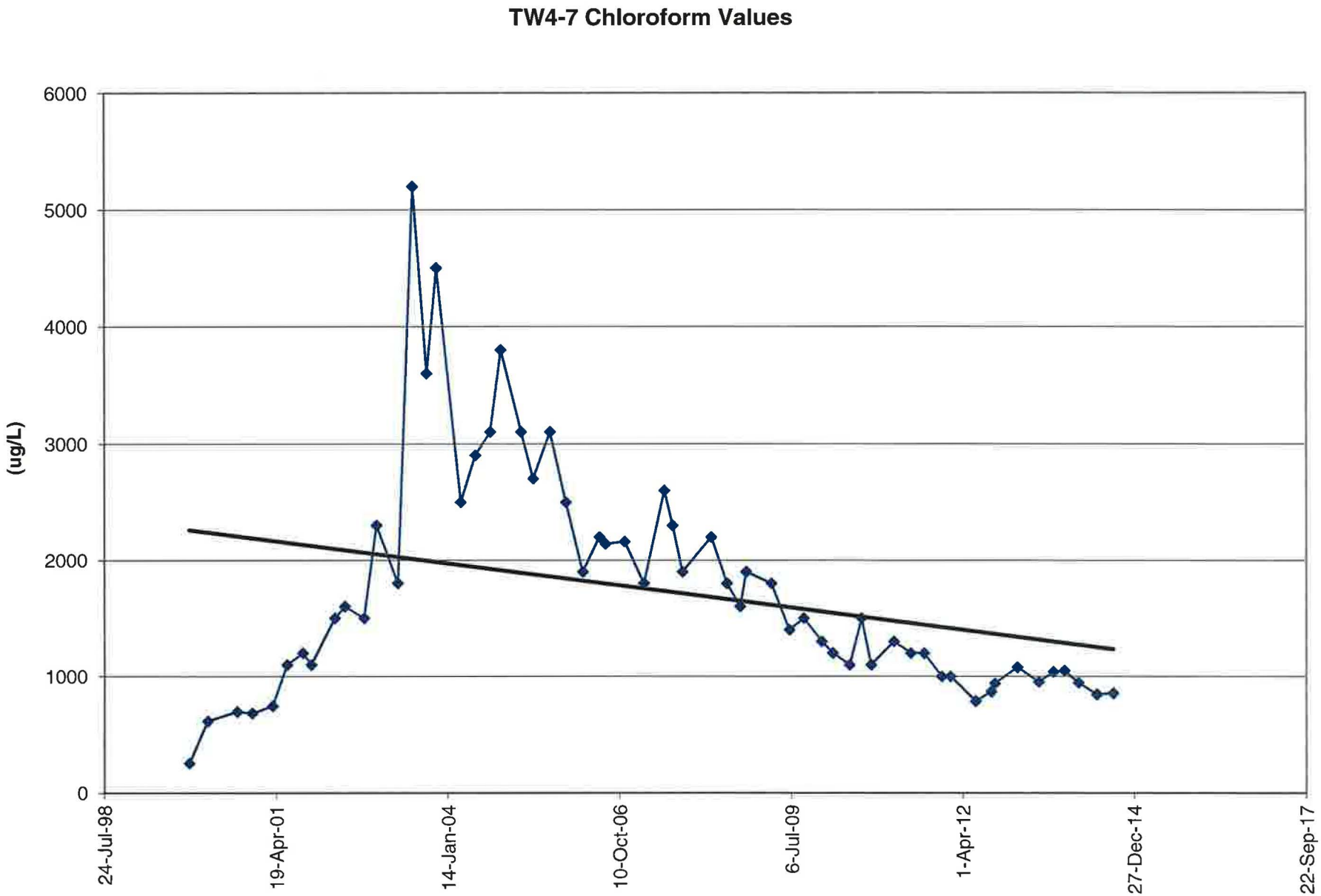
May-12
Oct-12
Mar-13
Aug-13
Jan-14
Jun-14

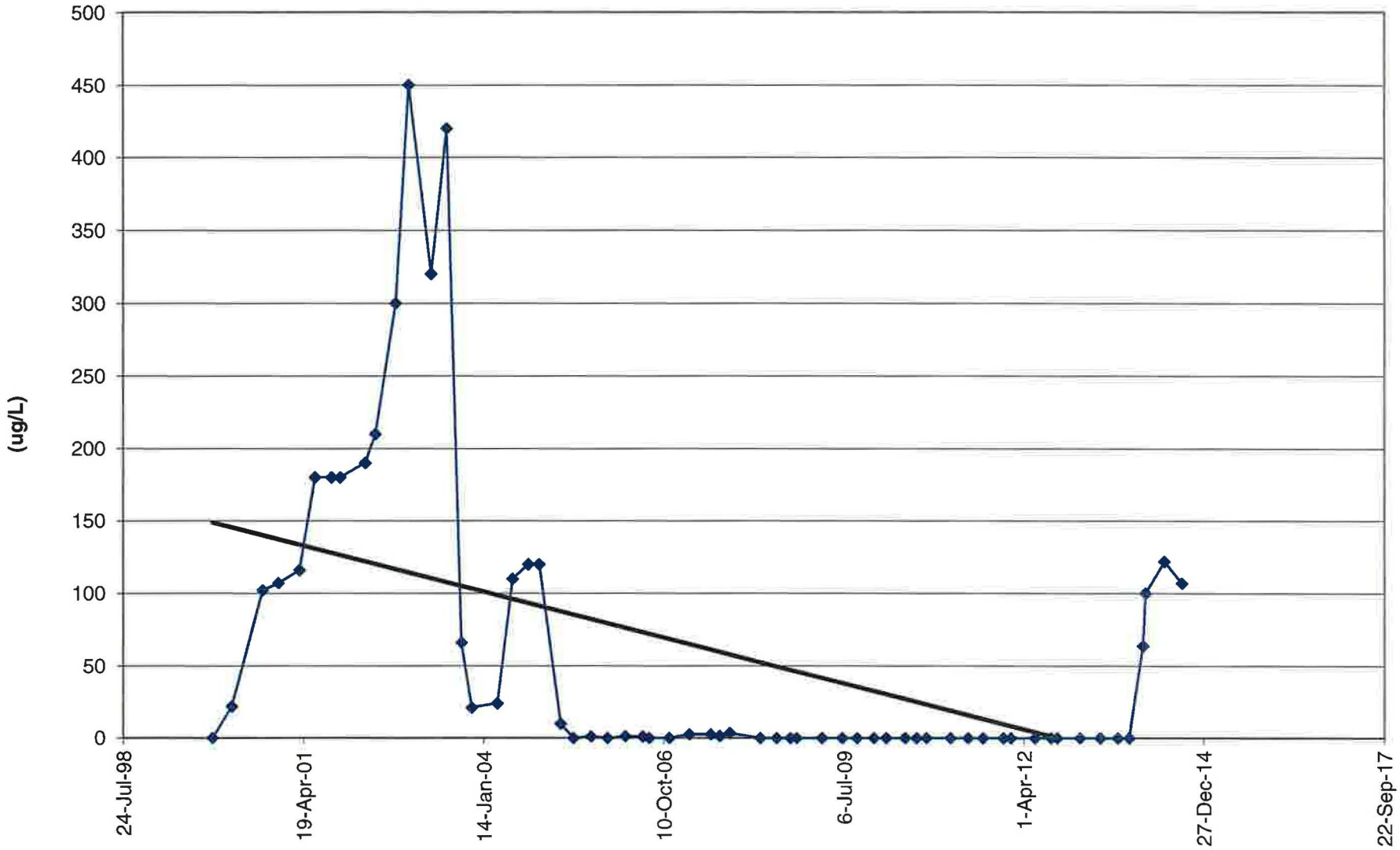

TW4-4 Chloroform Values
(ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17

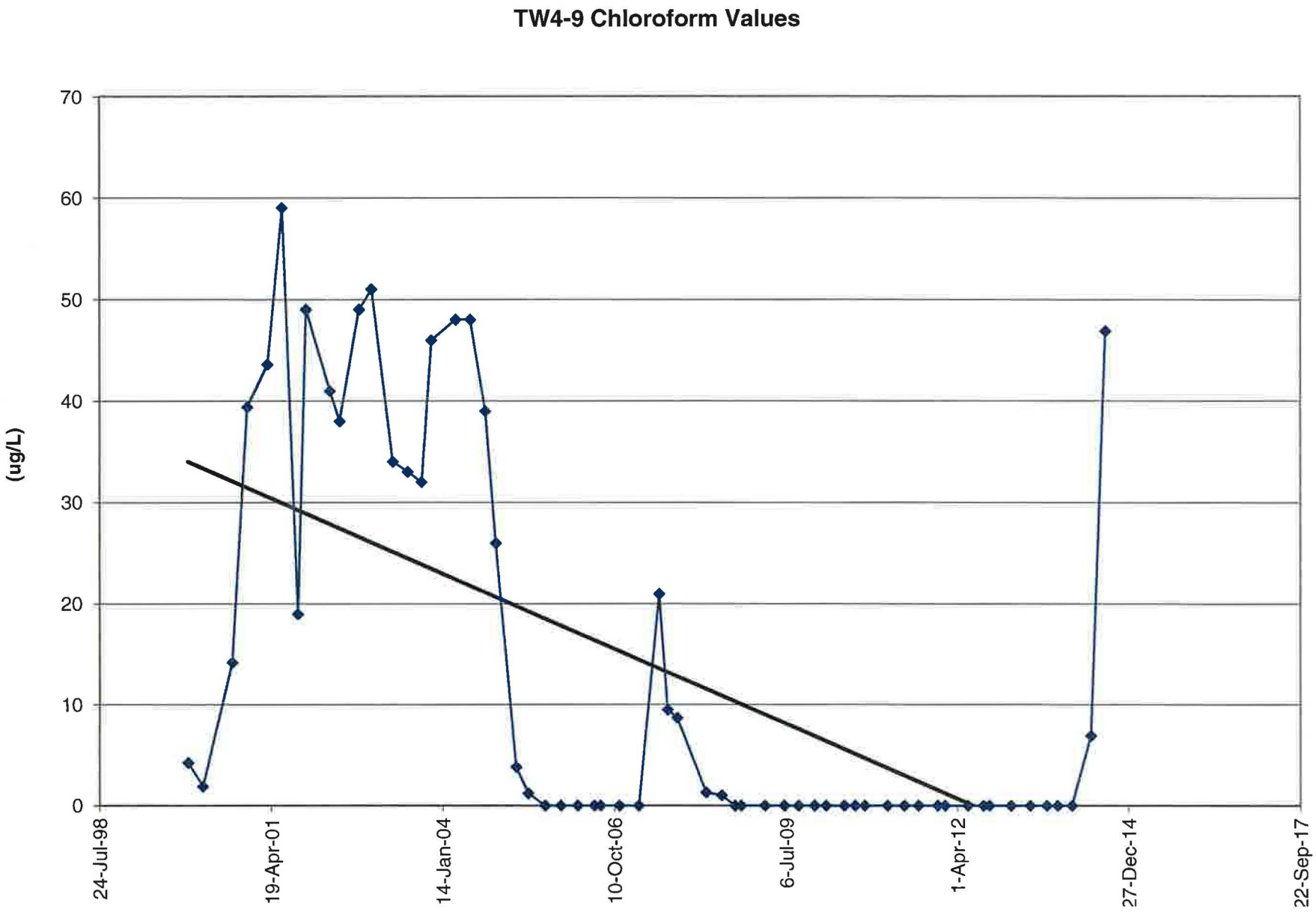

TW4-5 Chloroform Values
(ug/L)
350
300
250
200
150
100
50
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17


TW4-6 Chloroform Values
1200
1000
800
600
400
200
0
(ug/L)
07/24/98
04/19/01
01/14/04
10/10/06
07/06/09
04/01/12
12/27/14
09/22/17

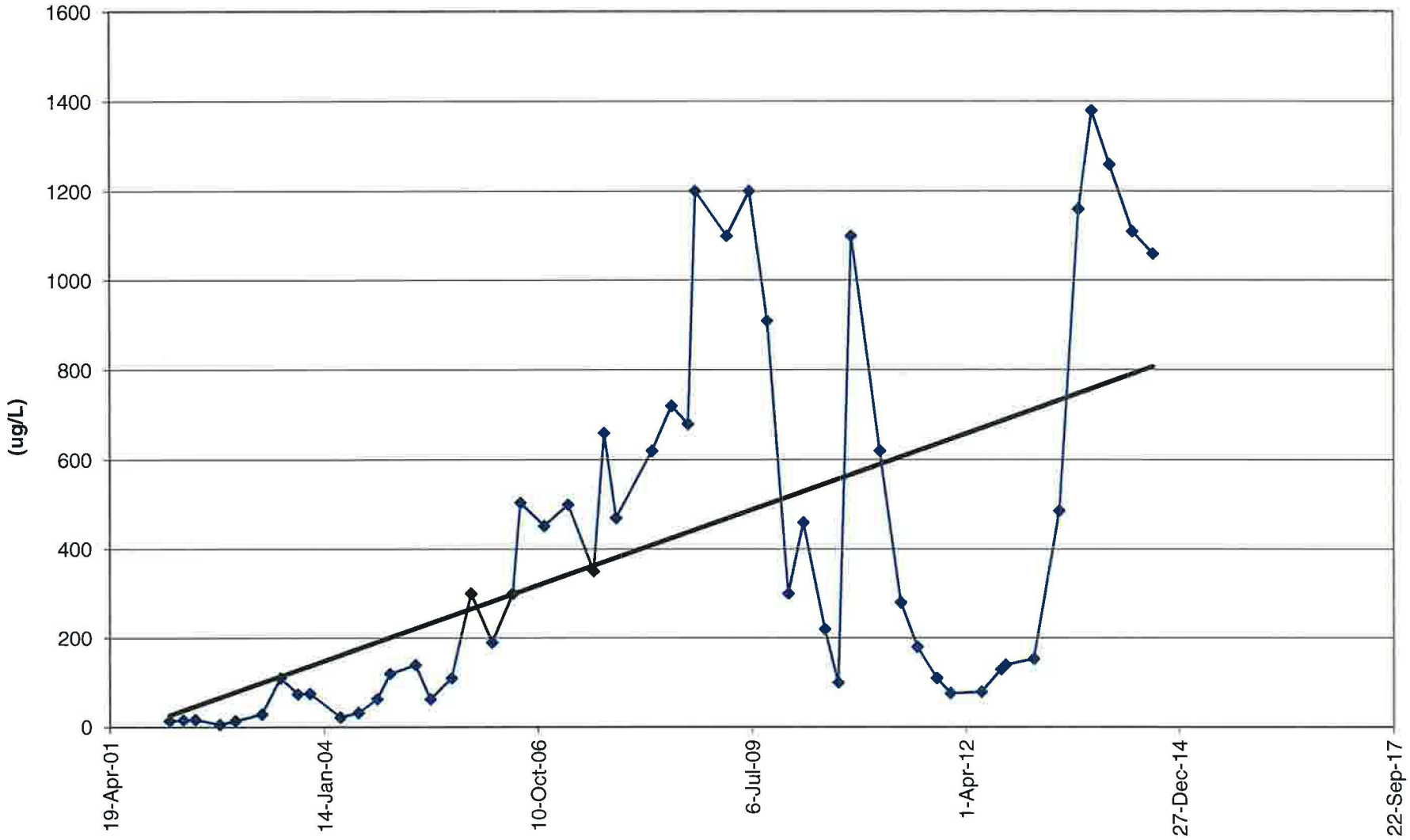

TW4-7 Chloroform Values
(ug/L)
6000
5000
4000
3000
2000
1000
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17

TW4-8 Chloroform Values

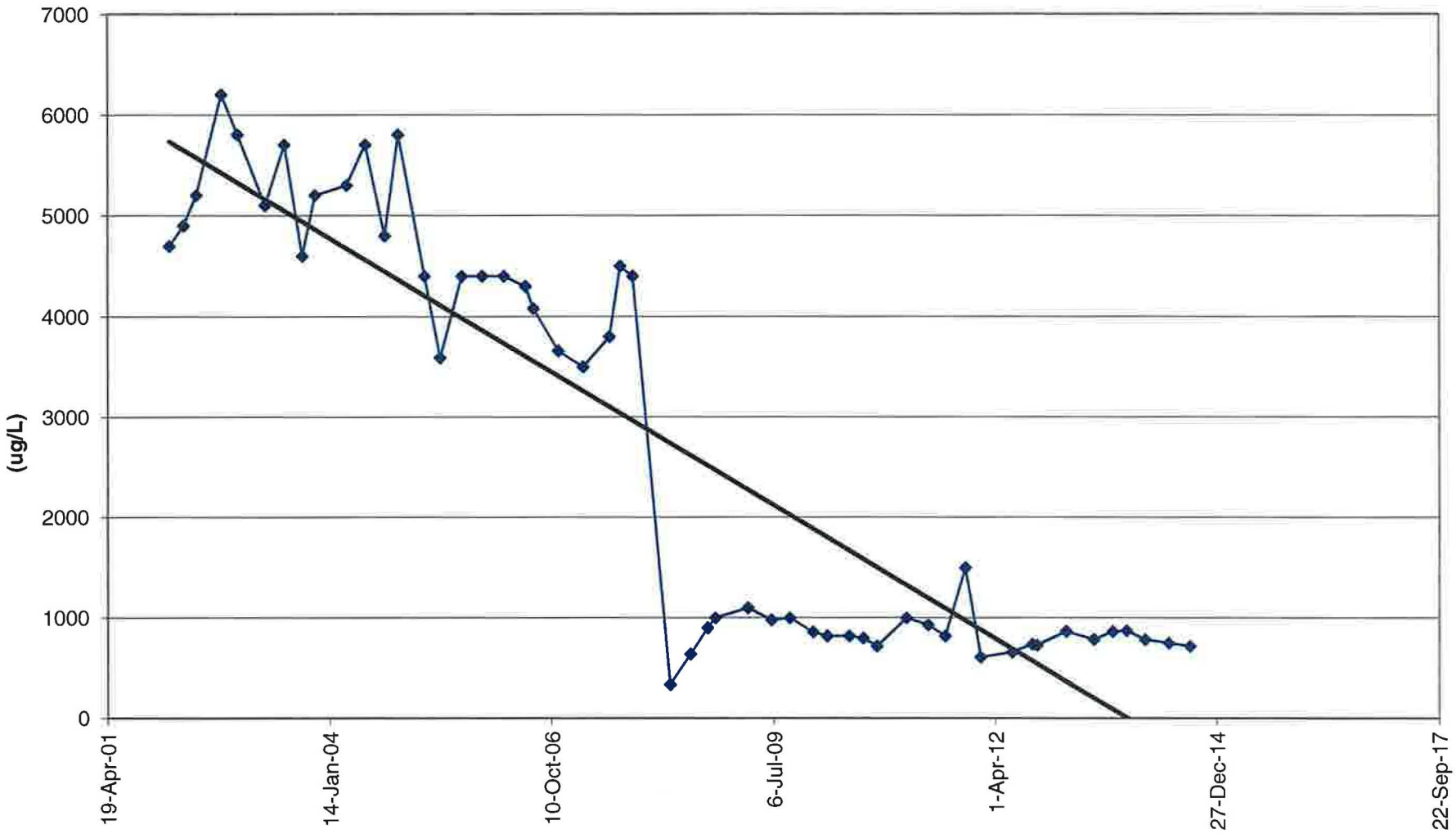



TW4-9 Chloroform Values
(ug/L)
70
60
50
40
30
20
10
0
24-Jul-98
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17

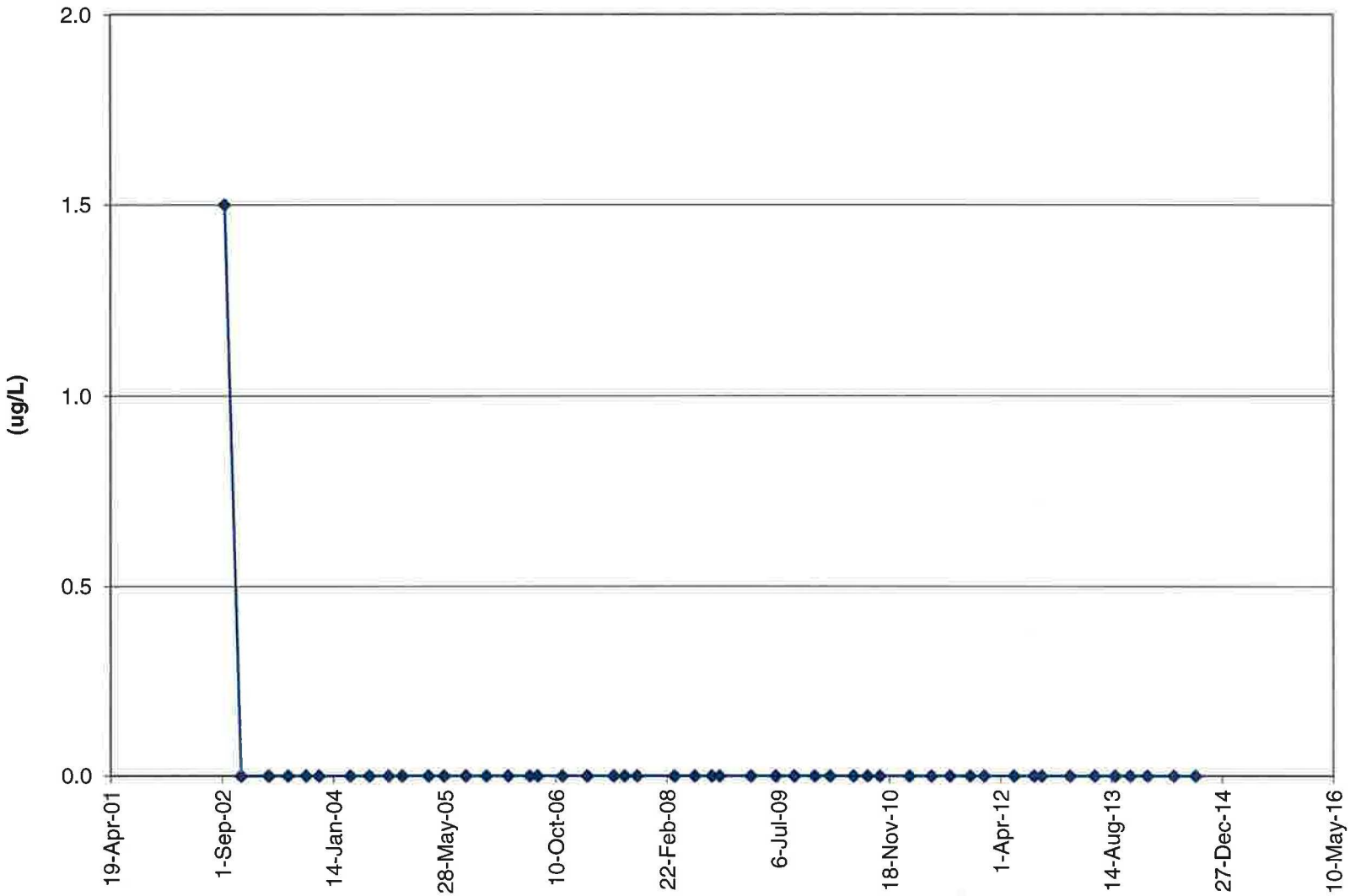
TW4-10 Chloroform Values

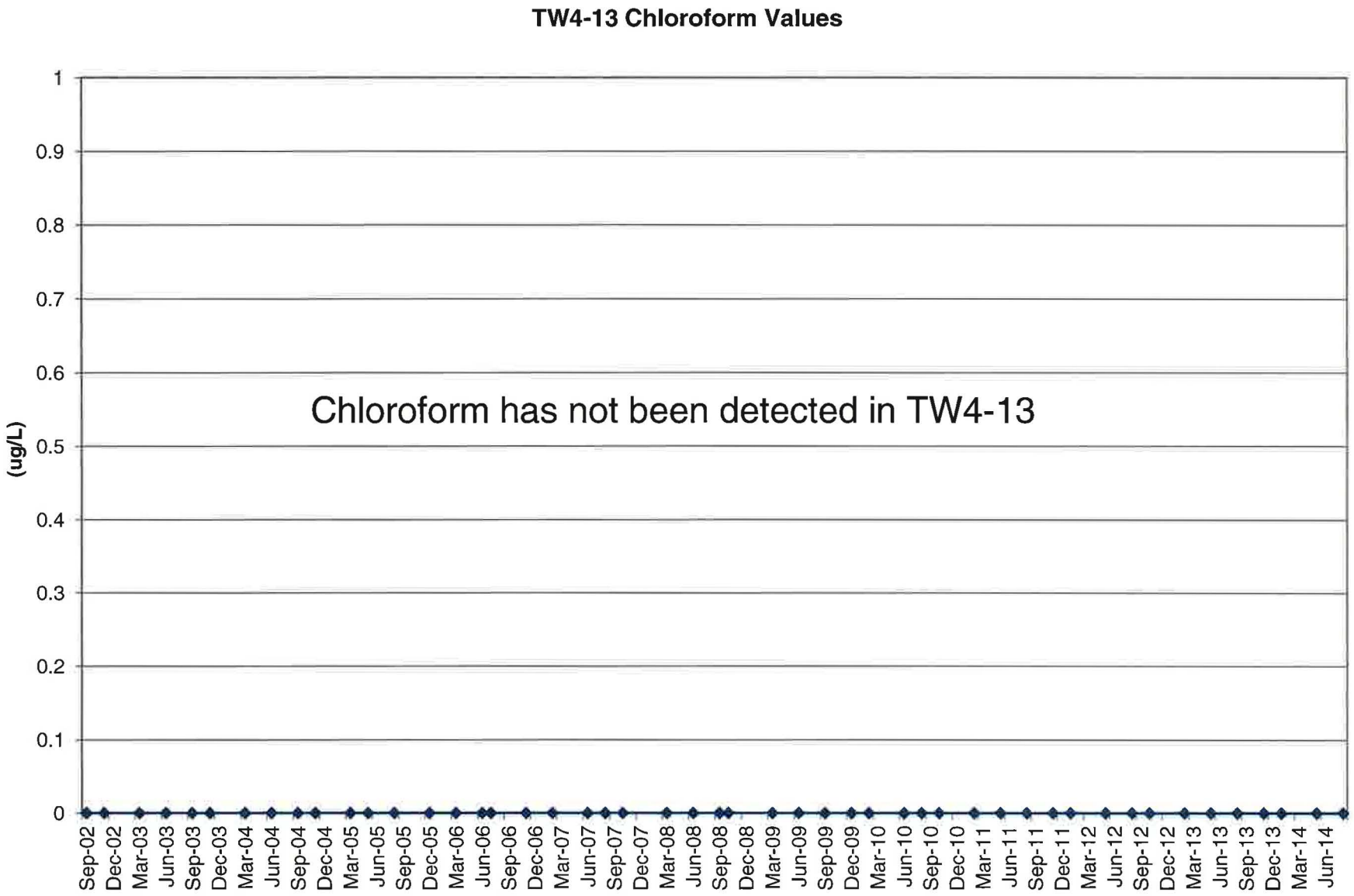


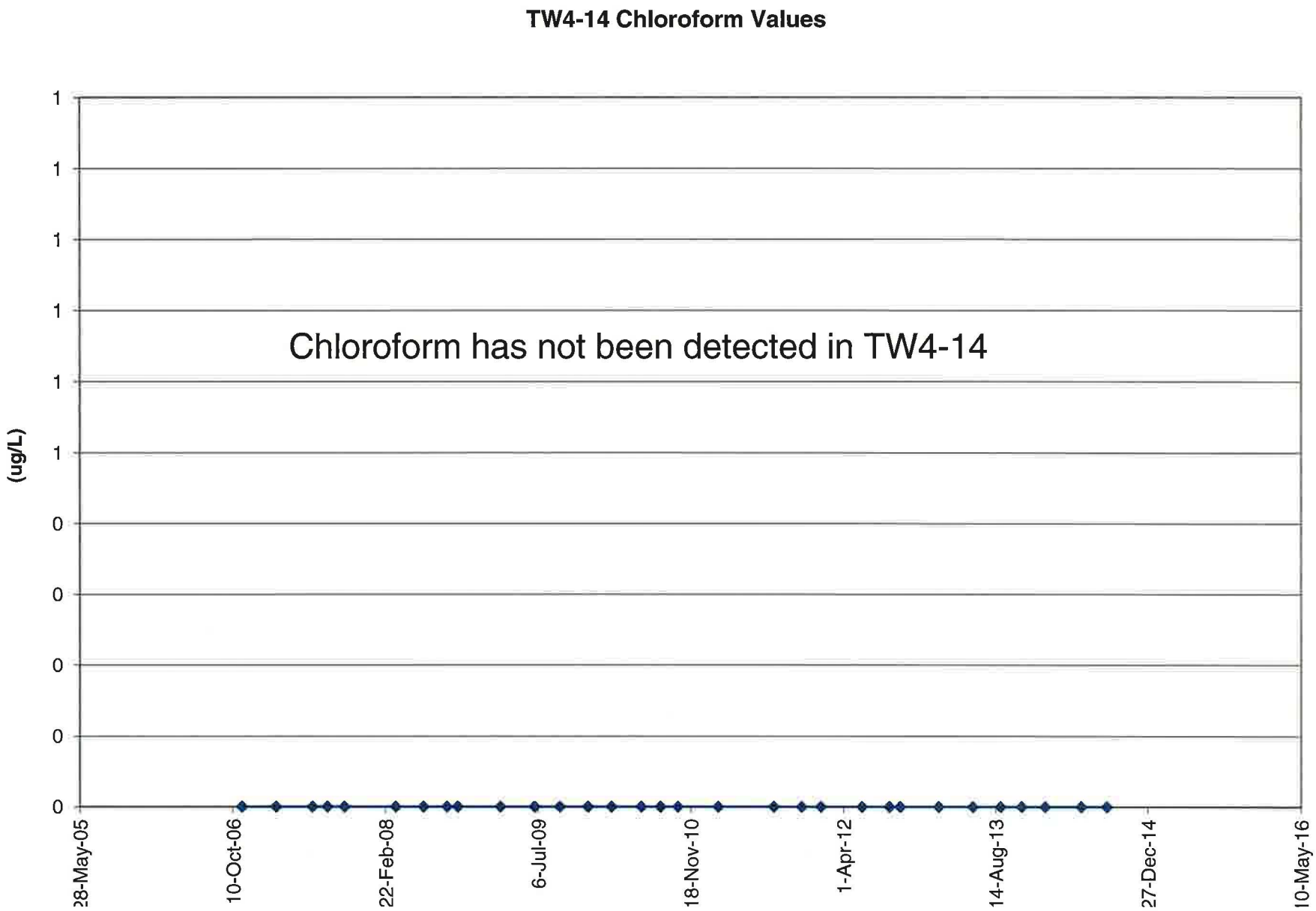
TW4-11 Chloroform Values

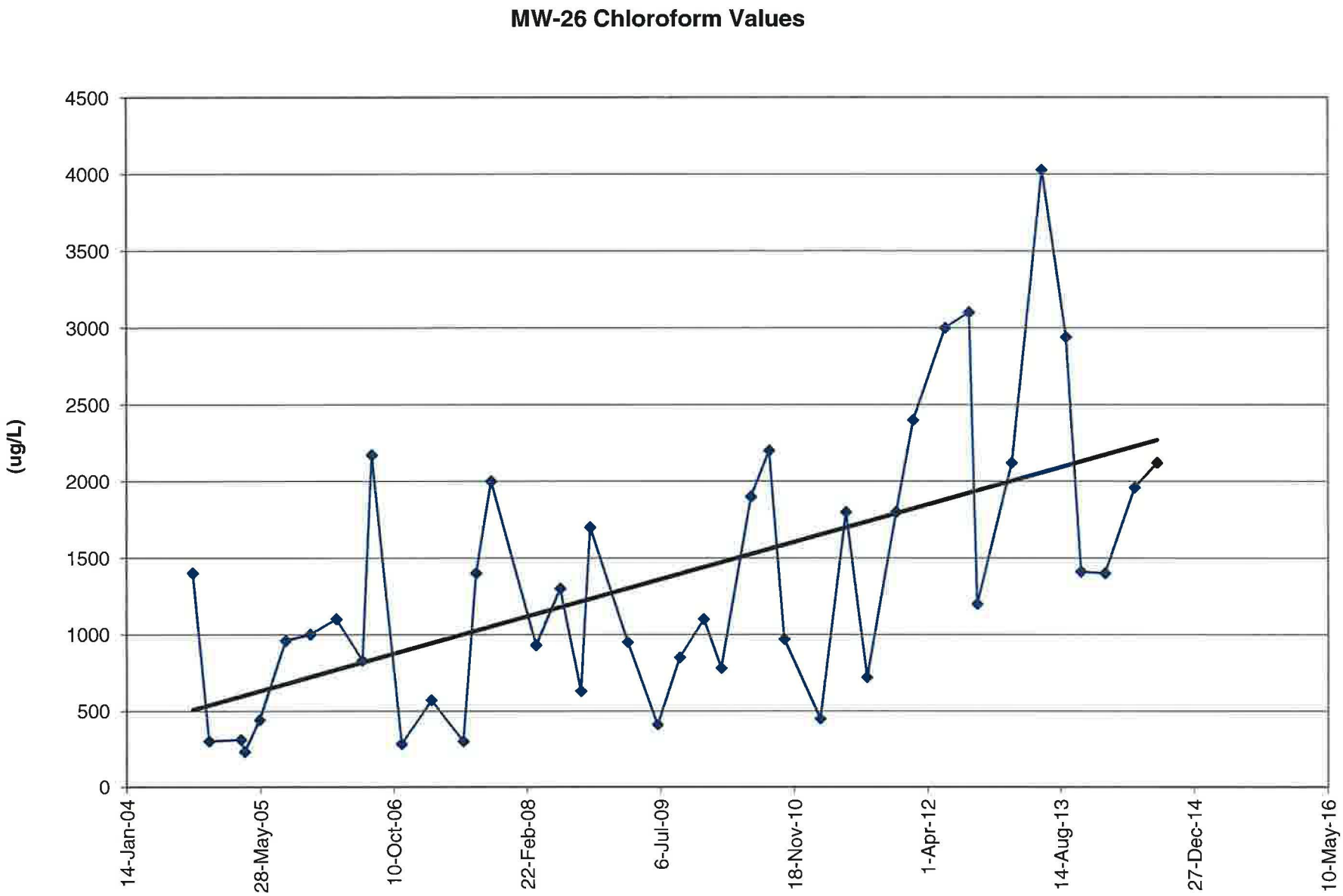


TW4-12 Chloroform Values

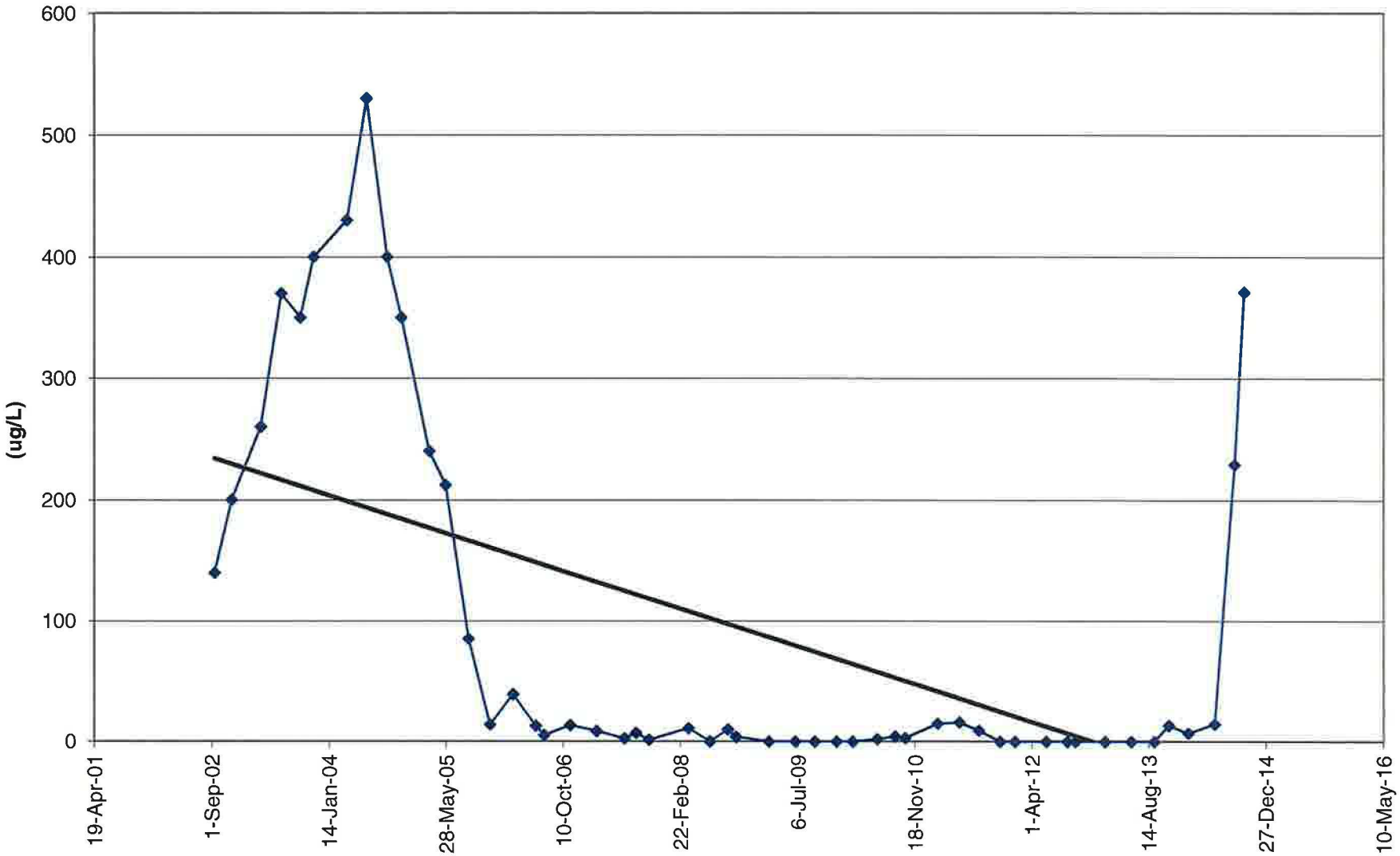



TW4-13 Chloroform Values
(ug/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Chloroform has not been detected in TW4-13
Sep-02
Dec-02
Mar-03
Jun-03
Sep-03
Dec-03
Mar-04
Jun-04
Sep-04
Dec-04
Mar-05
Jun-05
Sep-05
Dec-05
Mar-06
Jun-06
Sep-06
Dec-06
Mar-07
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
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
Jun-14

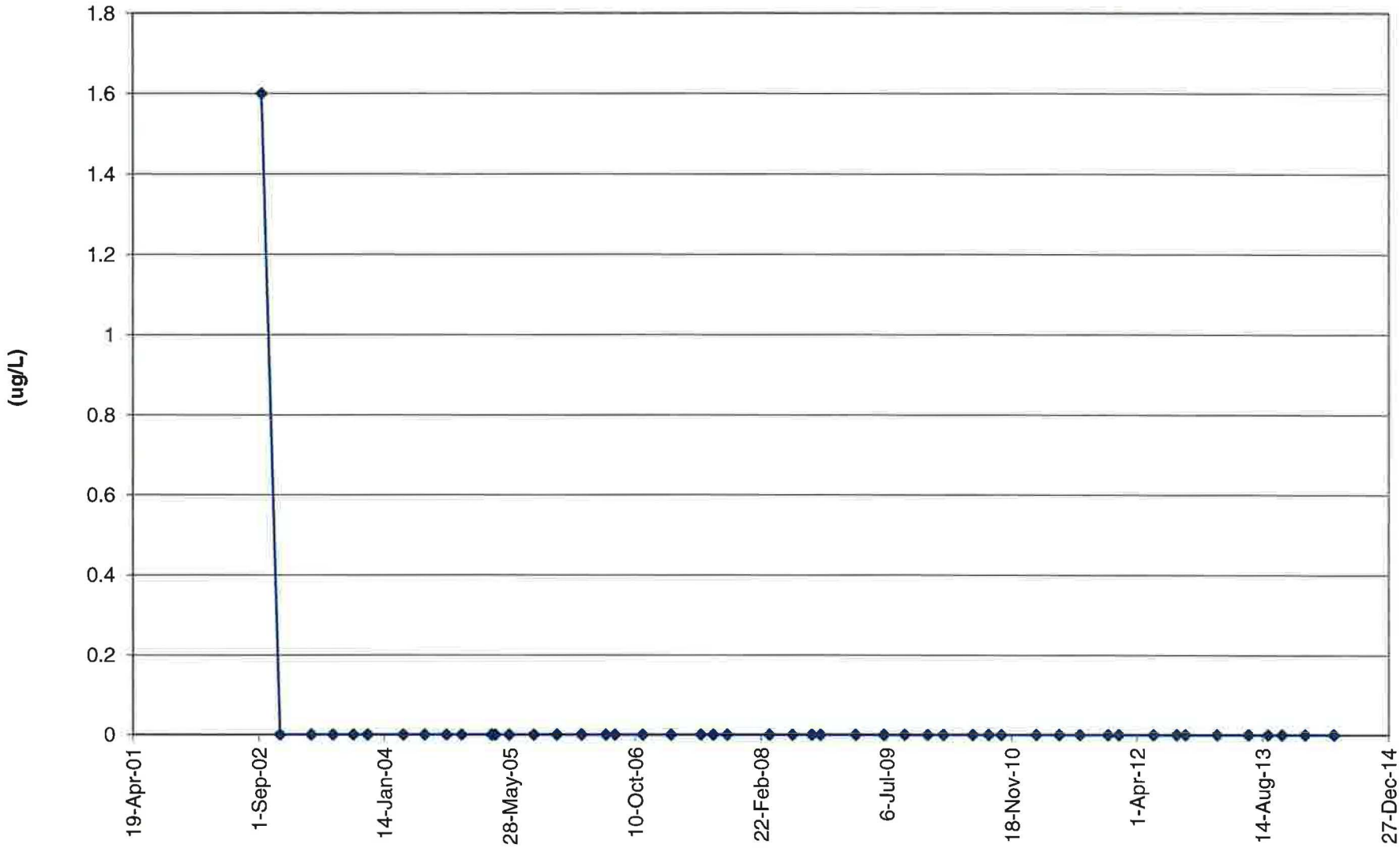

TW4-14 Chloroform Values
Chloroform has not been detected in TW4-14
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14
10-May-16


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
10-May-16

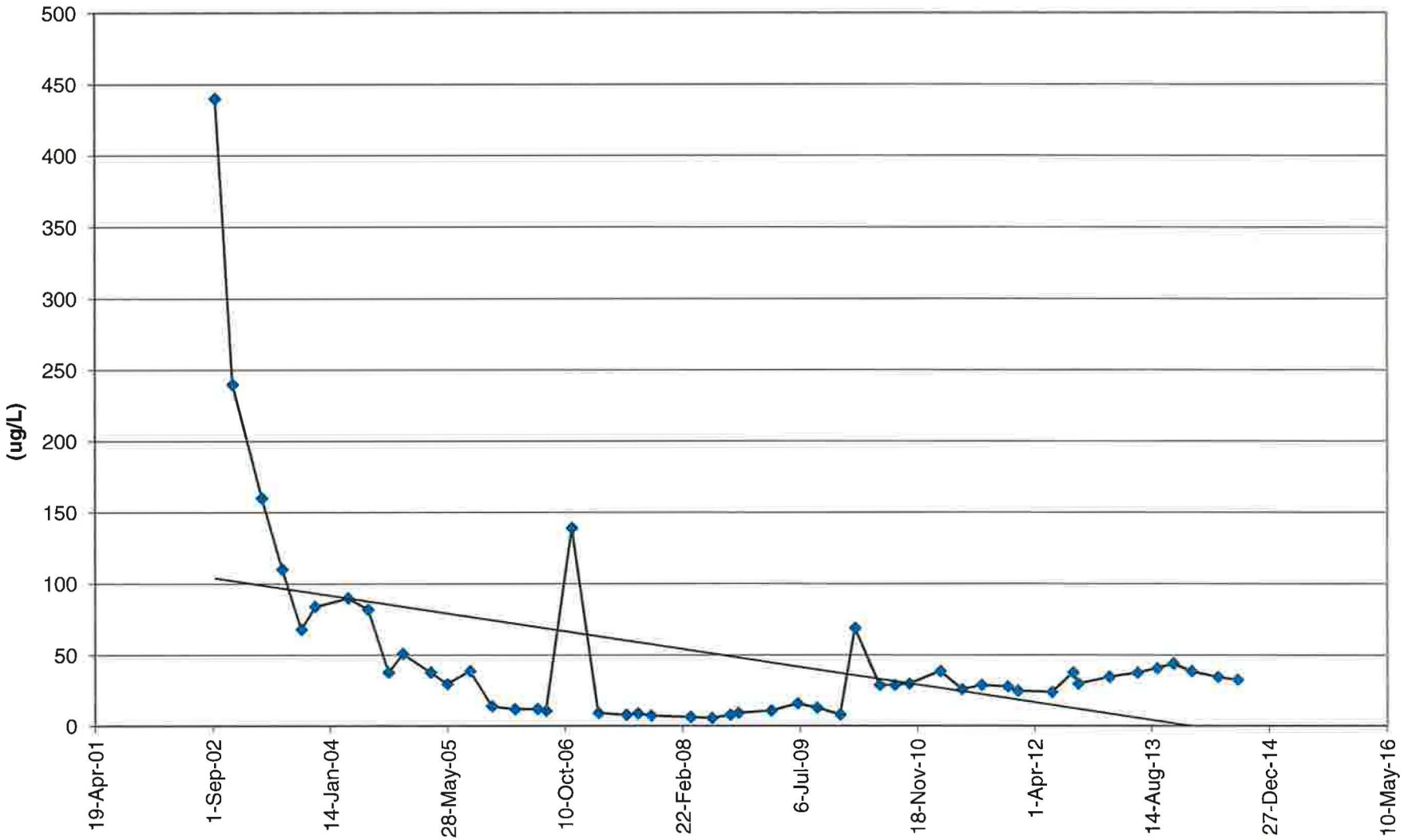
TW4-16 Chloroform Values

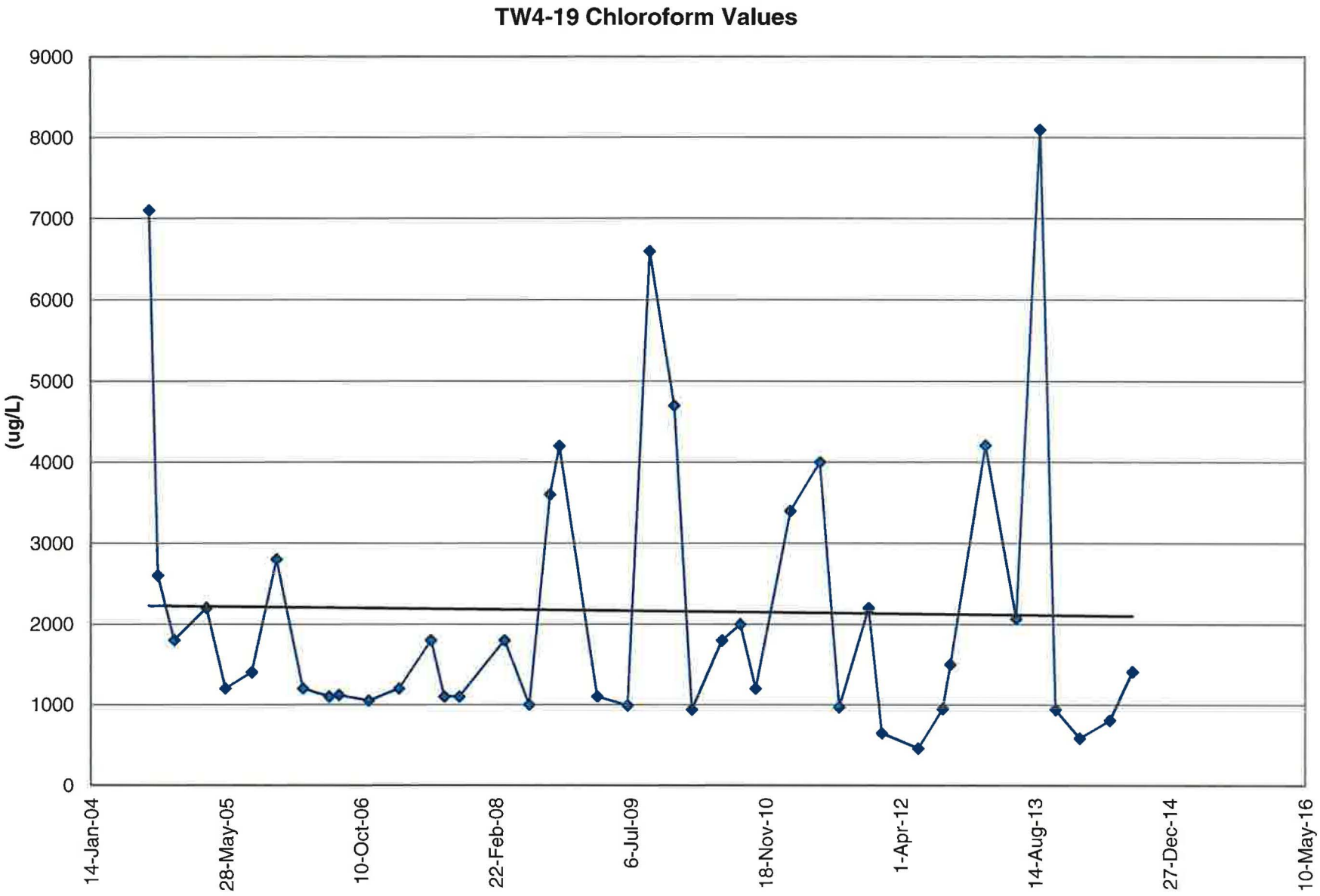


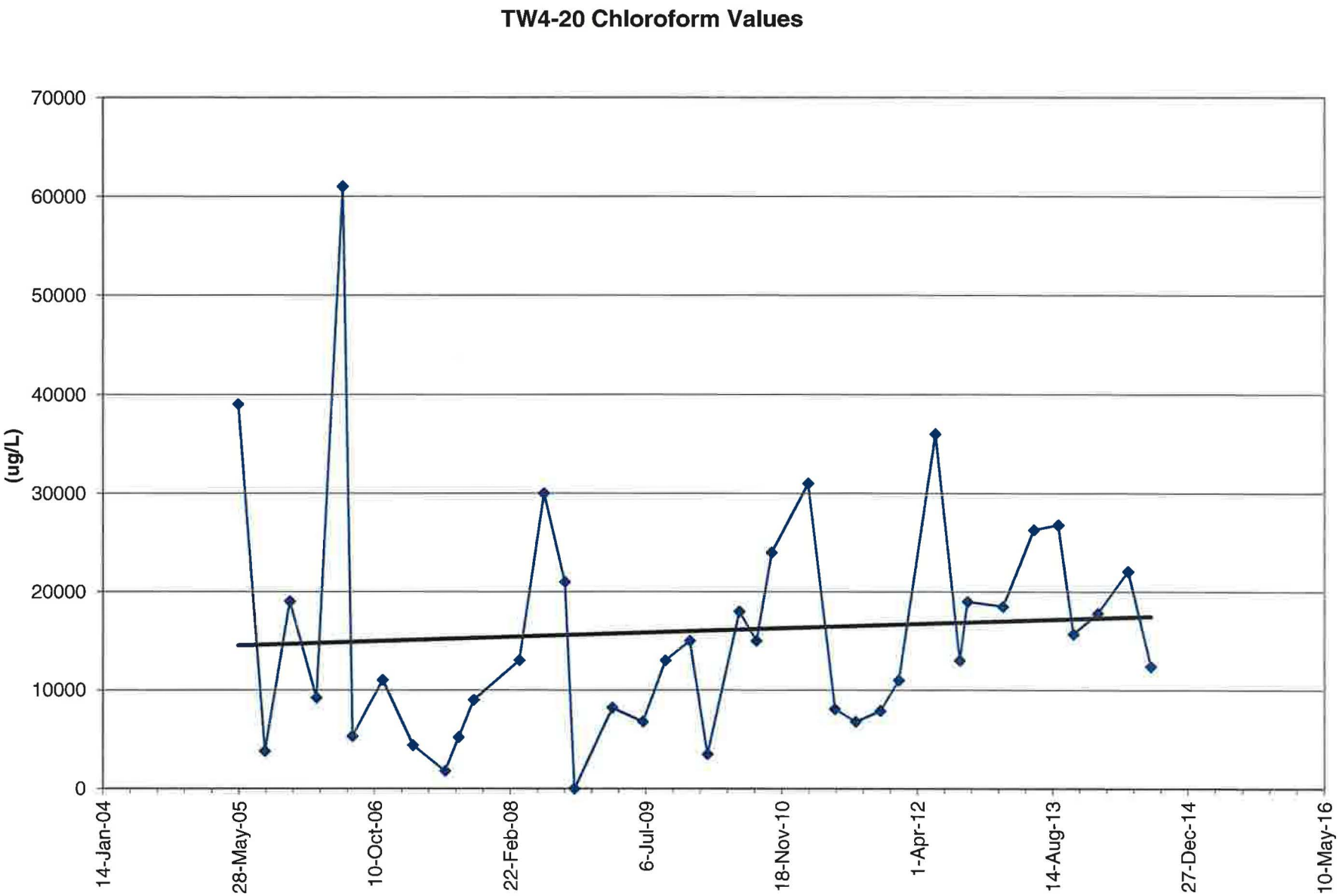
MW-32 Chloroform Values

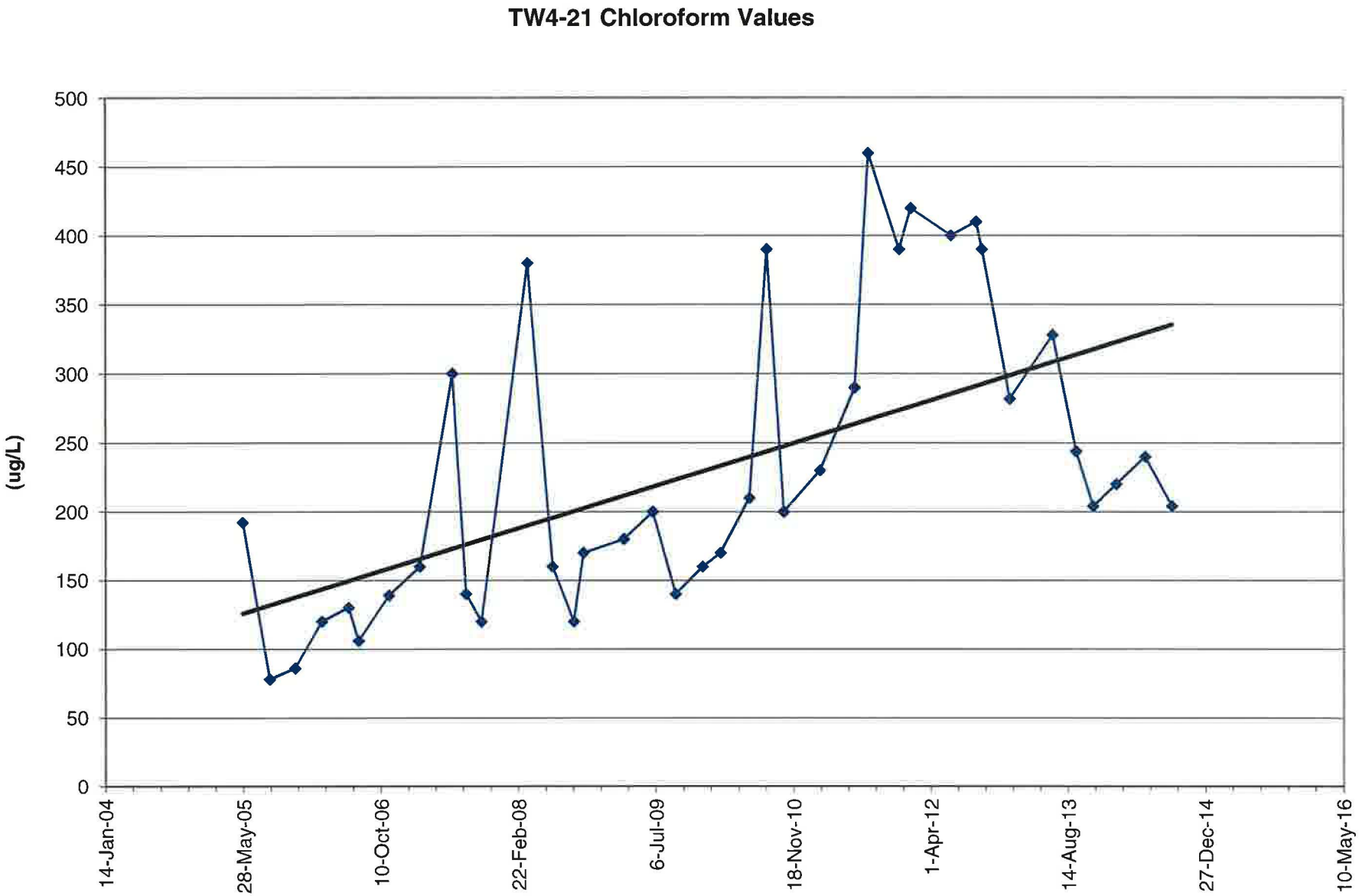


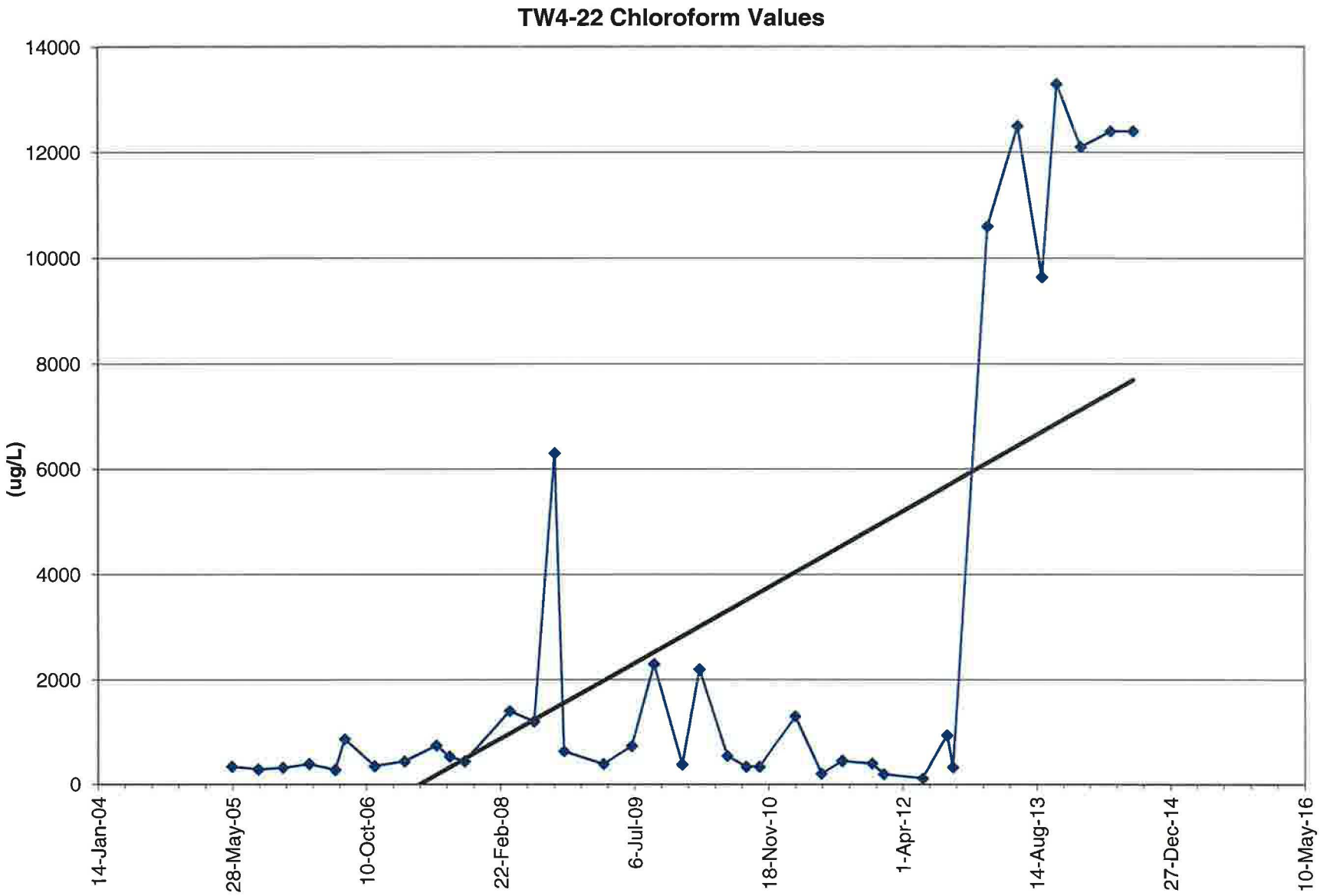
TW4-18 Chloroform Values



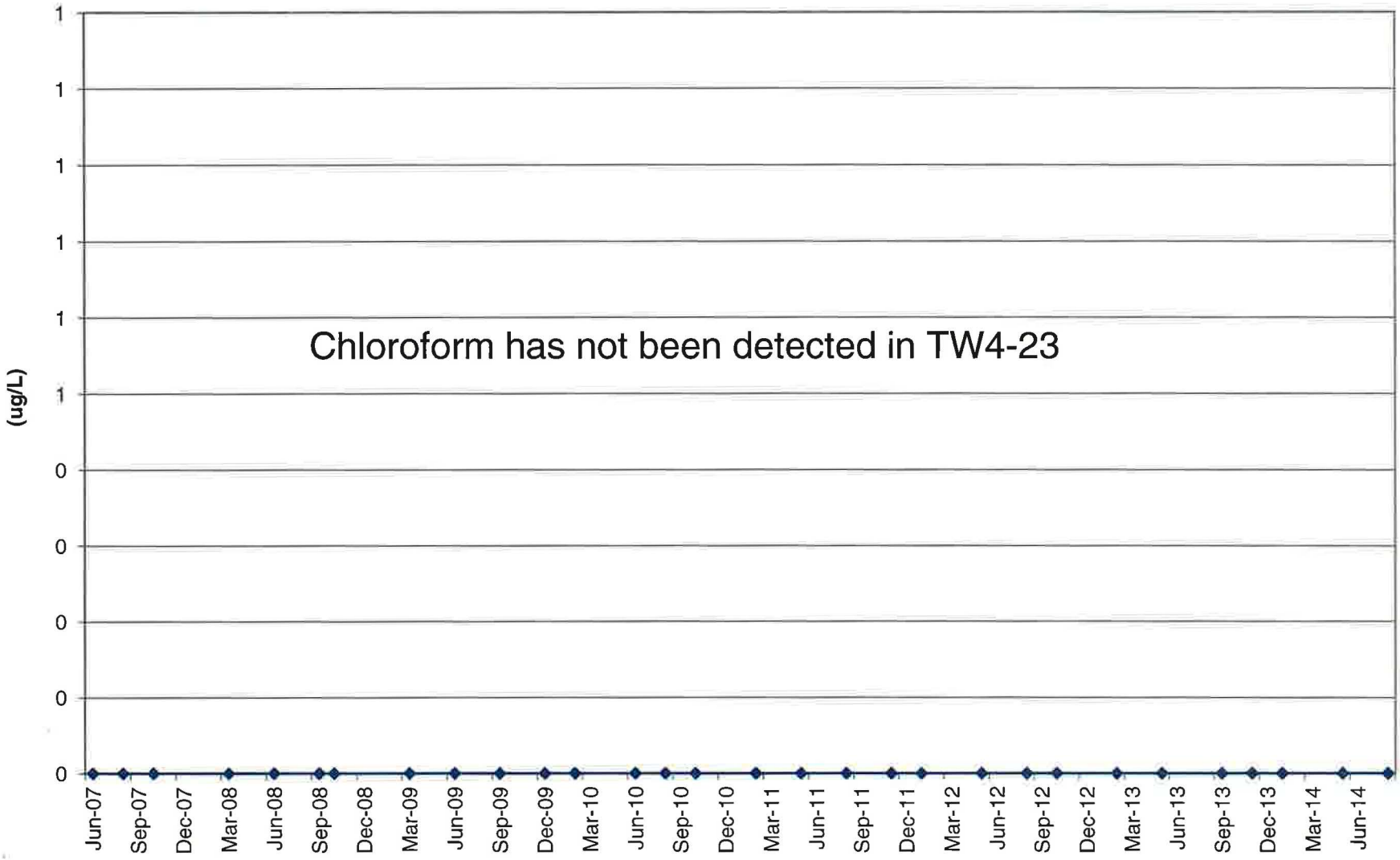

TW4-19 Chloroform Values
(ug/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14
10-May-16

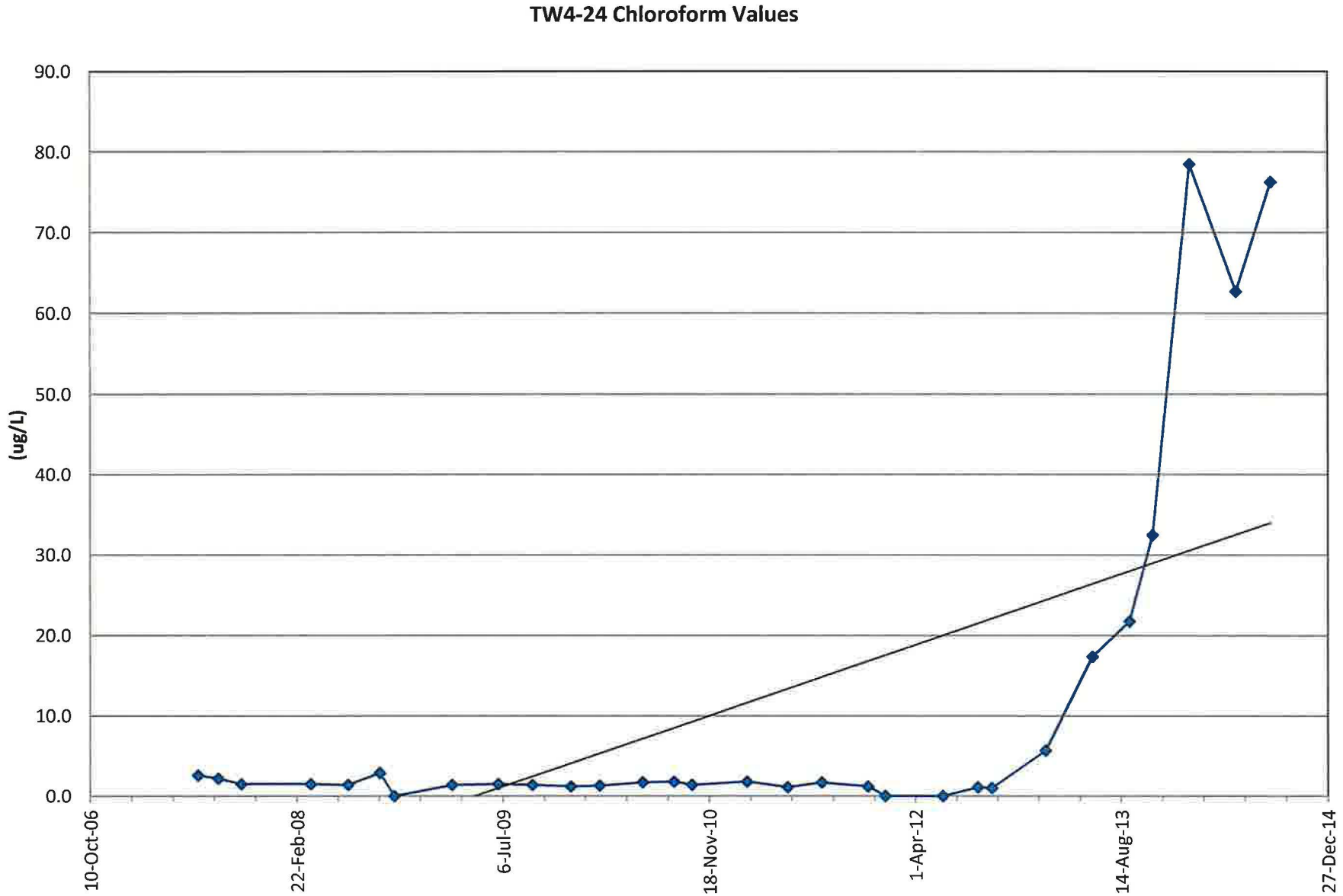

TW4-20 Chloroform Values
70000
60000
50000
40000
30000
20000
10000
0
(ug/L)
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14
10-May-16

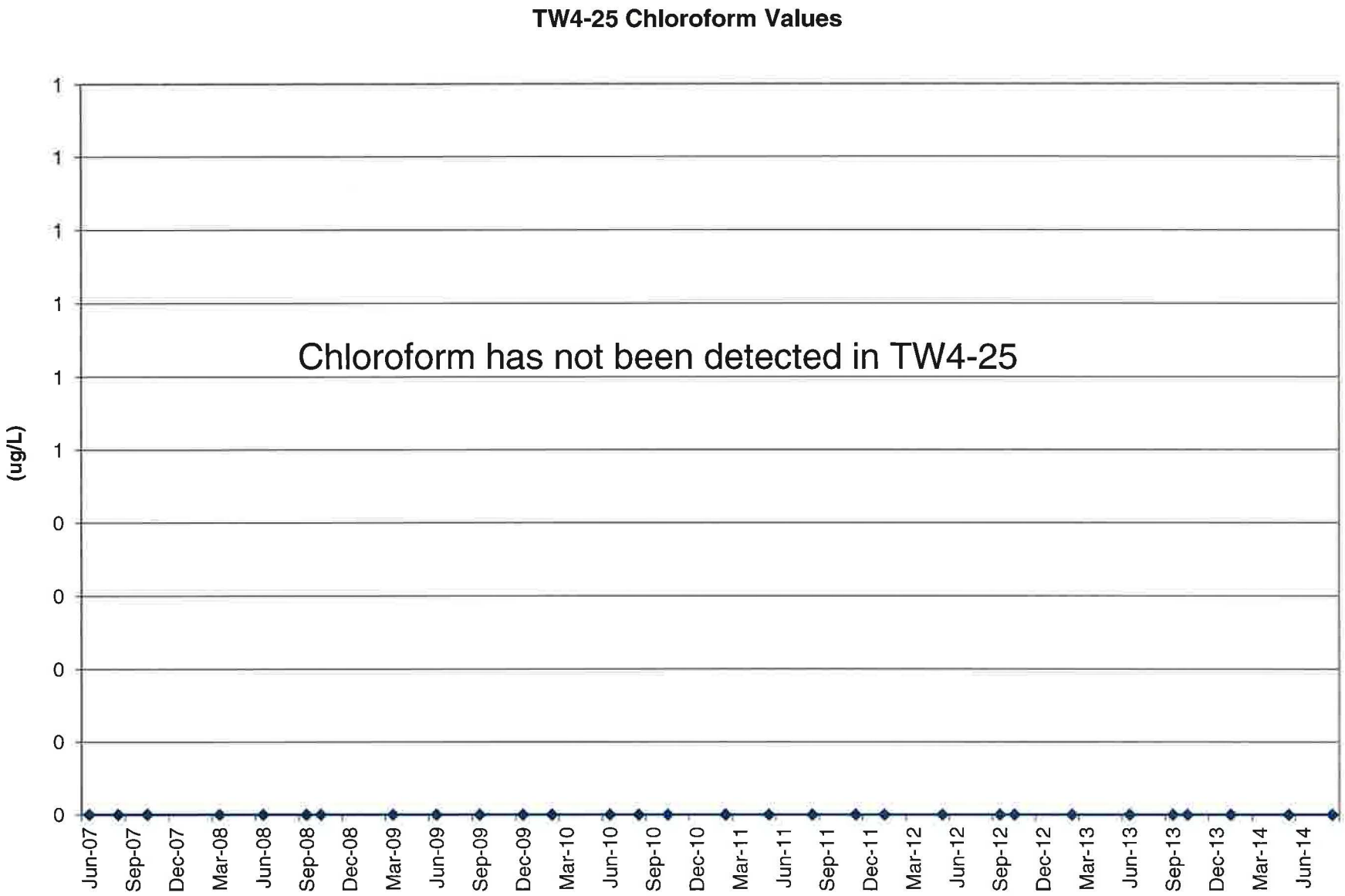

TW4-21 Chloroform Values
(ug/L)
500
450
400
350
300
250
200
150
100
50
0
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14
10-May-16

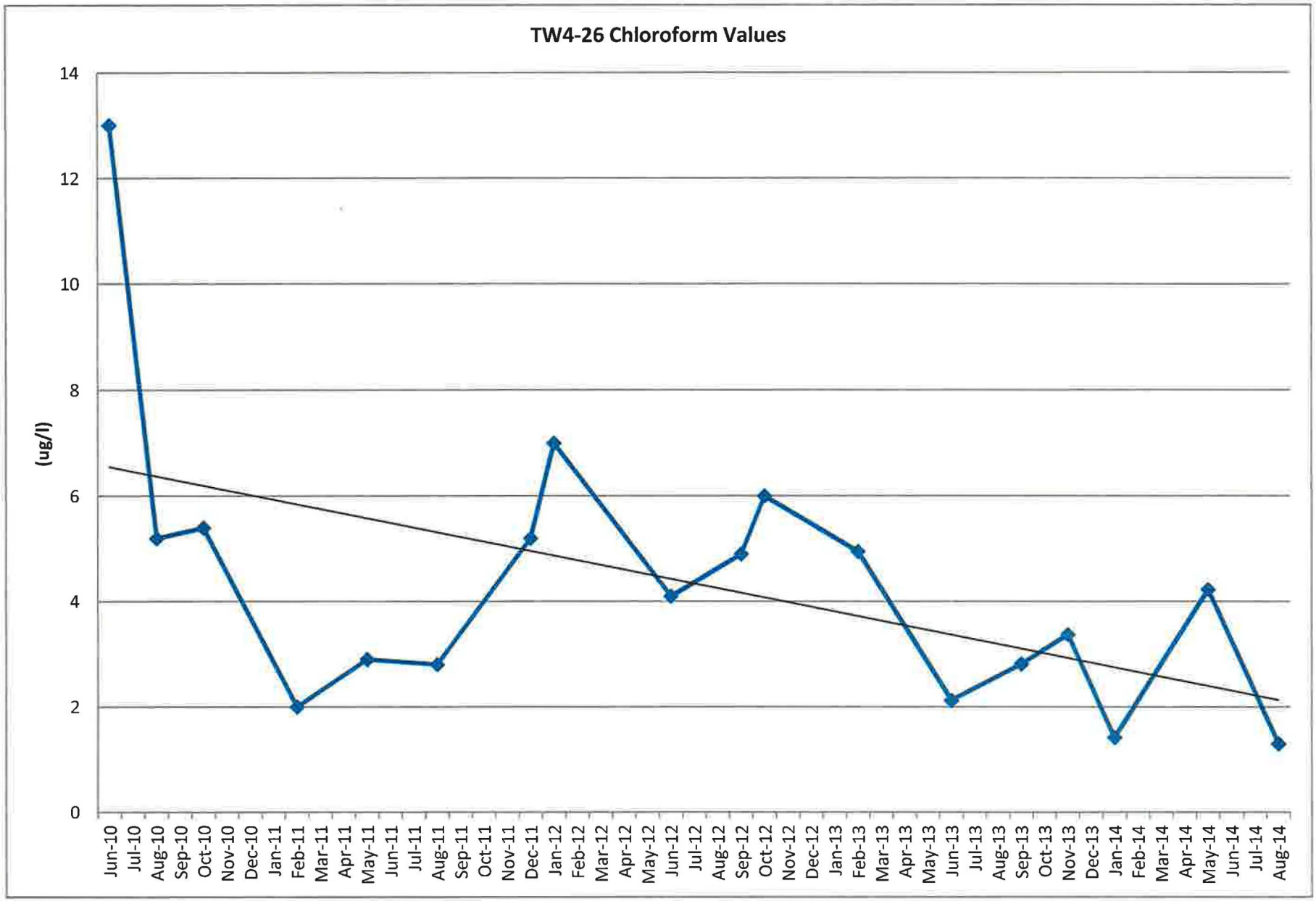

TW4-22 Chloroform Values
14000
12000
10000
8000
6000
4000
2000
0
(ug/L)
14-Jan-04
28-May-05
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14
10-May-16

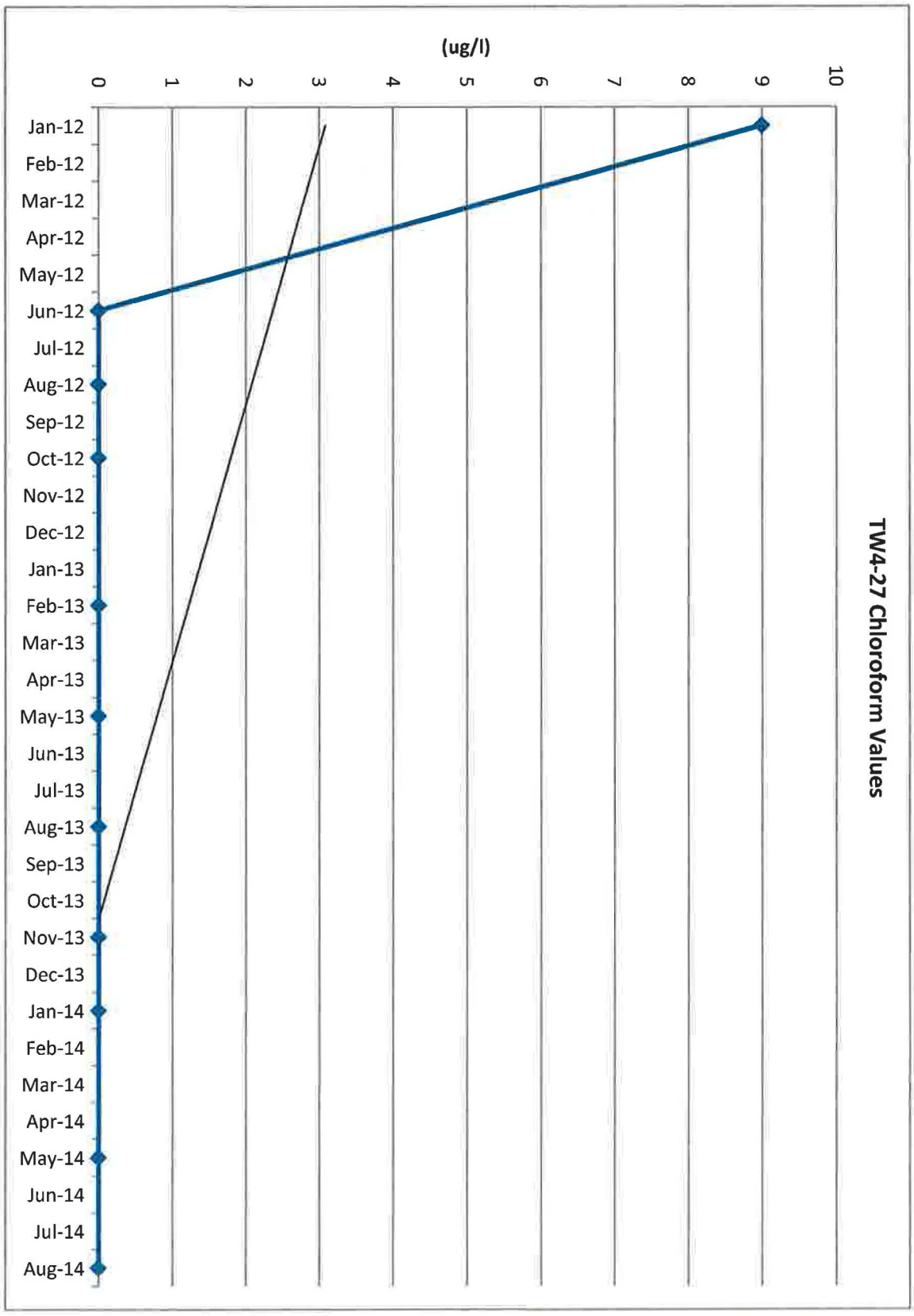
TW4-23 Chloroform Values

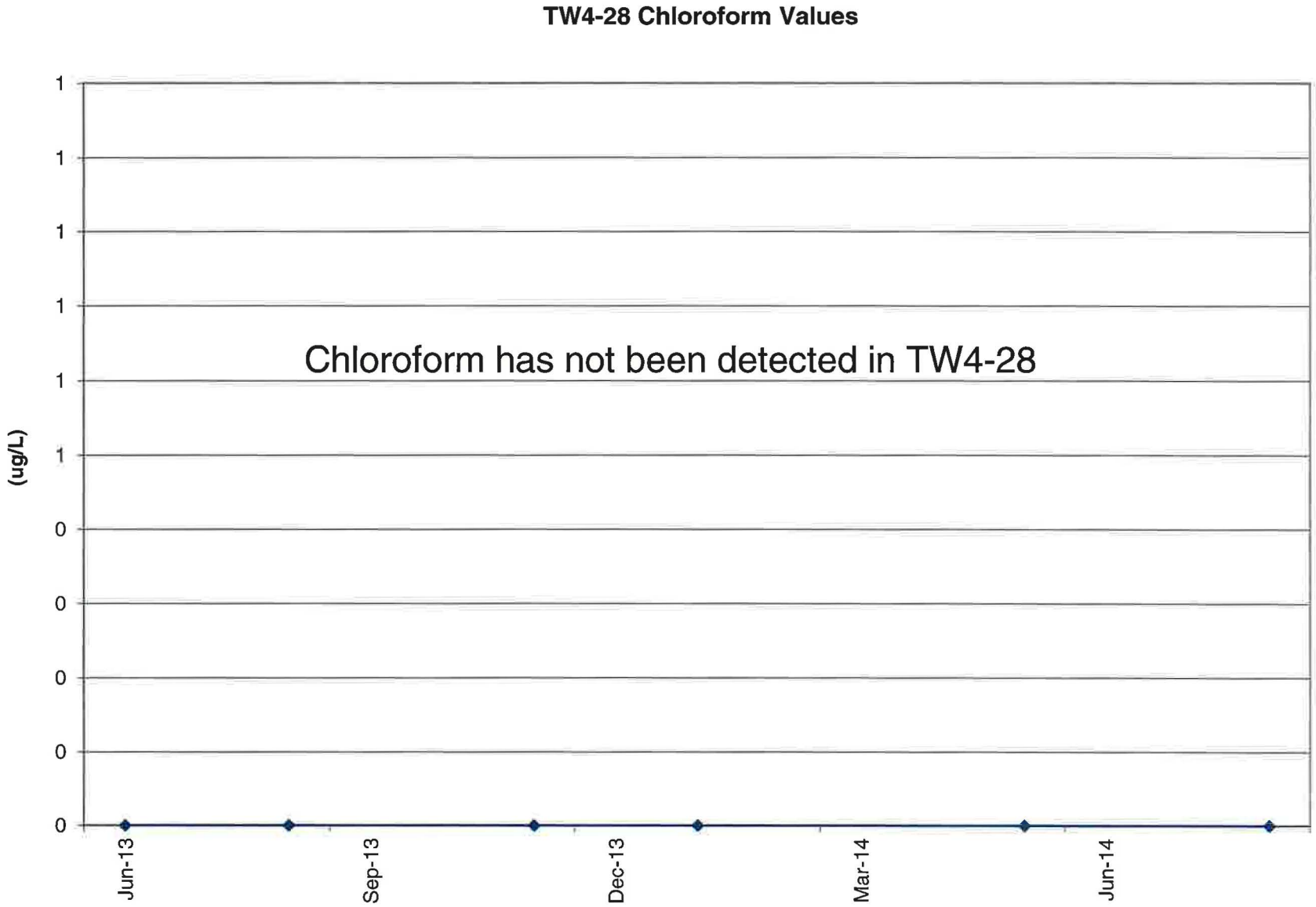


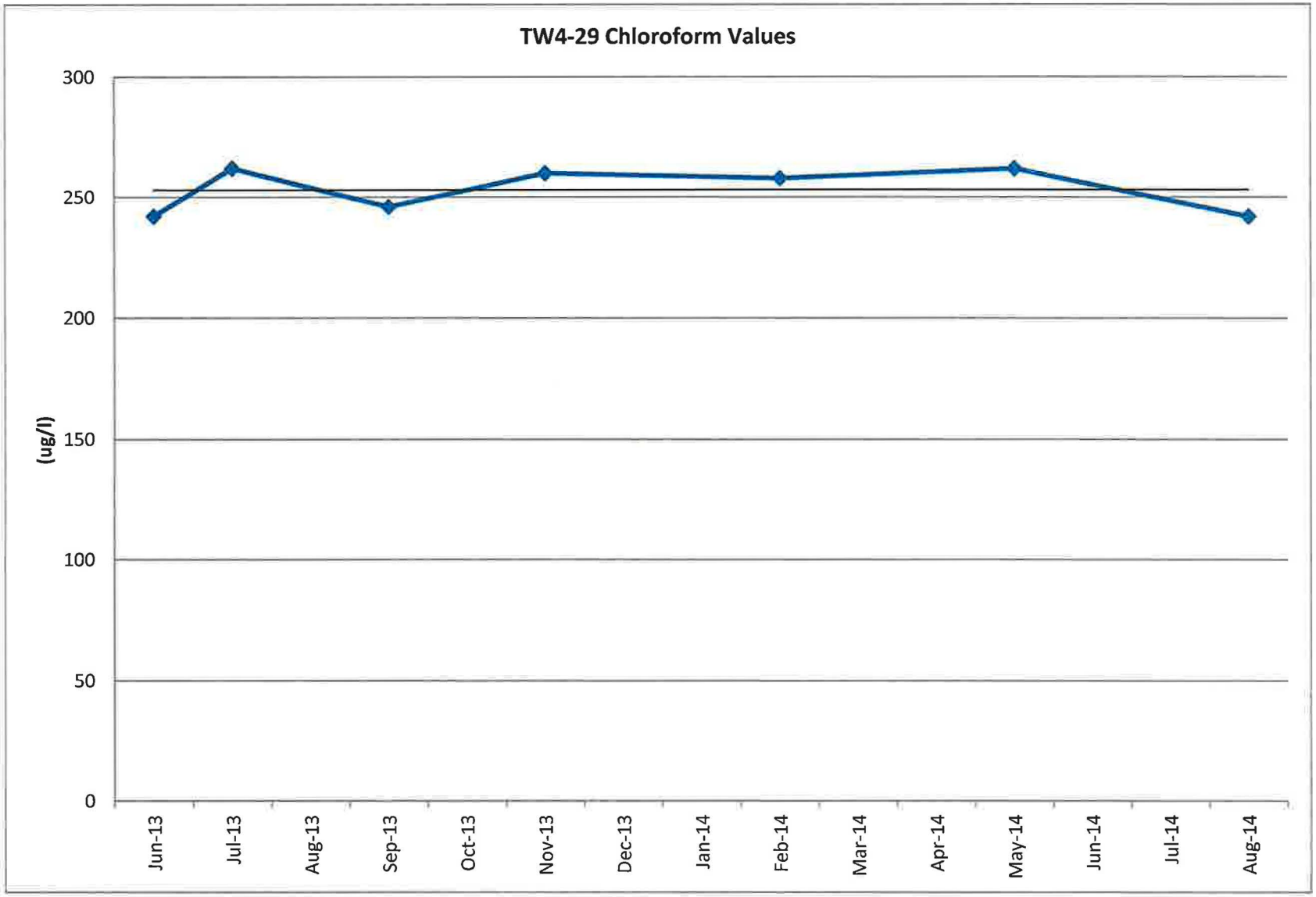

TW4-24 Chloroform Values
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
(ug/L)
10-Oct-06
22-Feb-08
6-Jul-09
18-Nov-10
1-Apr-12
14-Aug-13
27-Dec-14

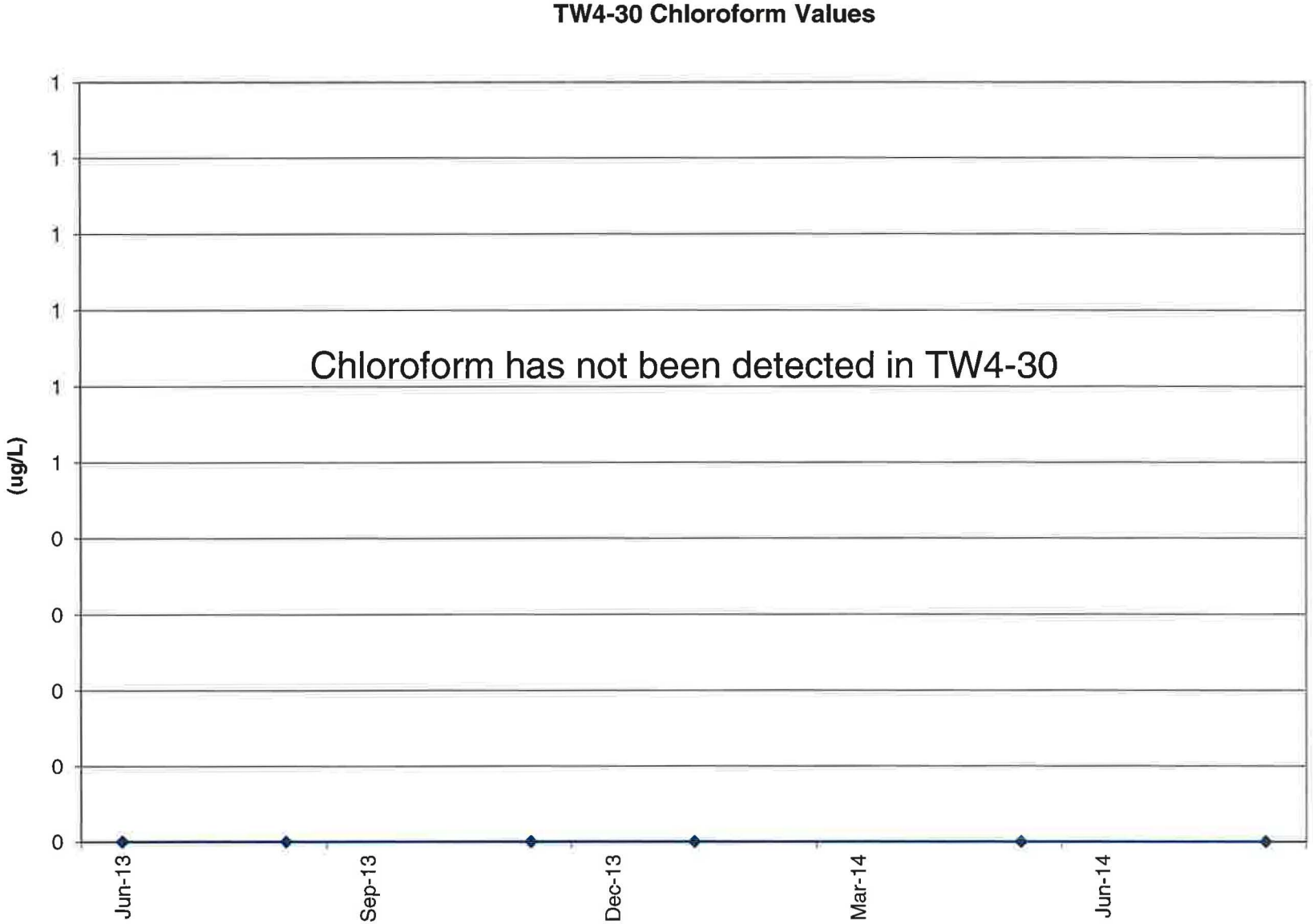

TW4-25 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-25
Jun-07
Sep-07
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14

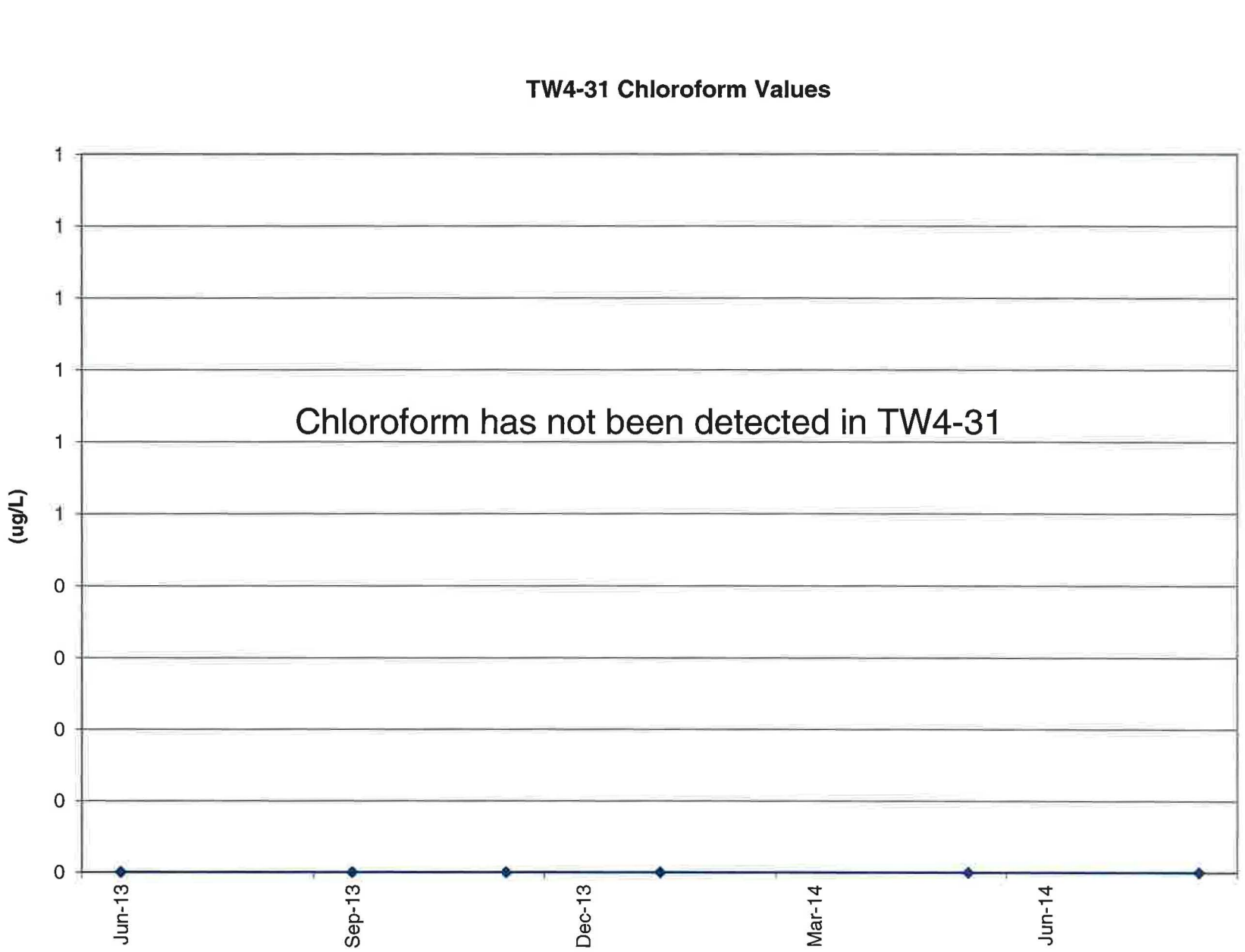

TW4-26 Chloroform Values
(ug/l)
0
2
4
6
8
10
12
14
Jun-10
Jul-10
Aug-10
Sep-10
Oct-10
Nov-10
Dec-10
Jan-11
Feb-11
Mar-11
Apr-11
May-11
Jun-11
Jul-11
Aug-11
Sep-11
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Oct-12
Nov-12
Dec-12
Jan-13
Feb-13
Mar-13
Apr-13
May-13
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14

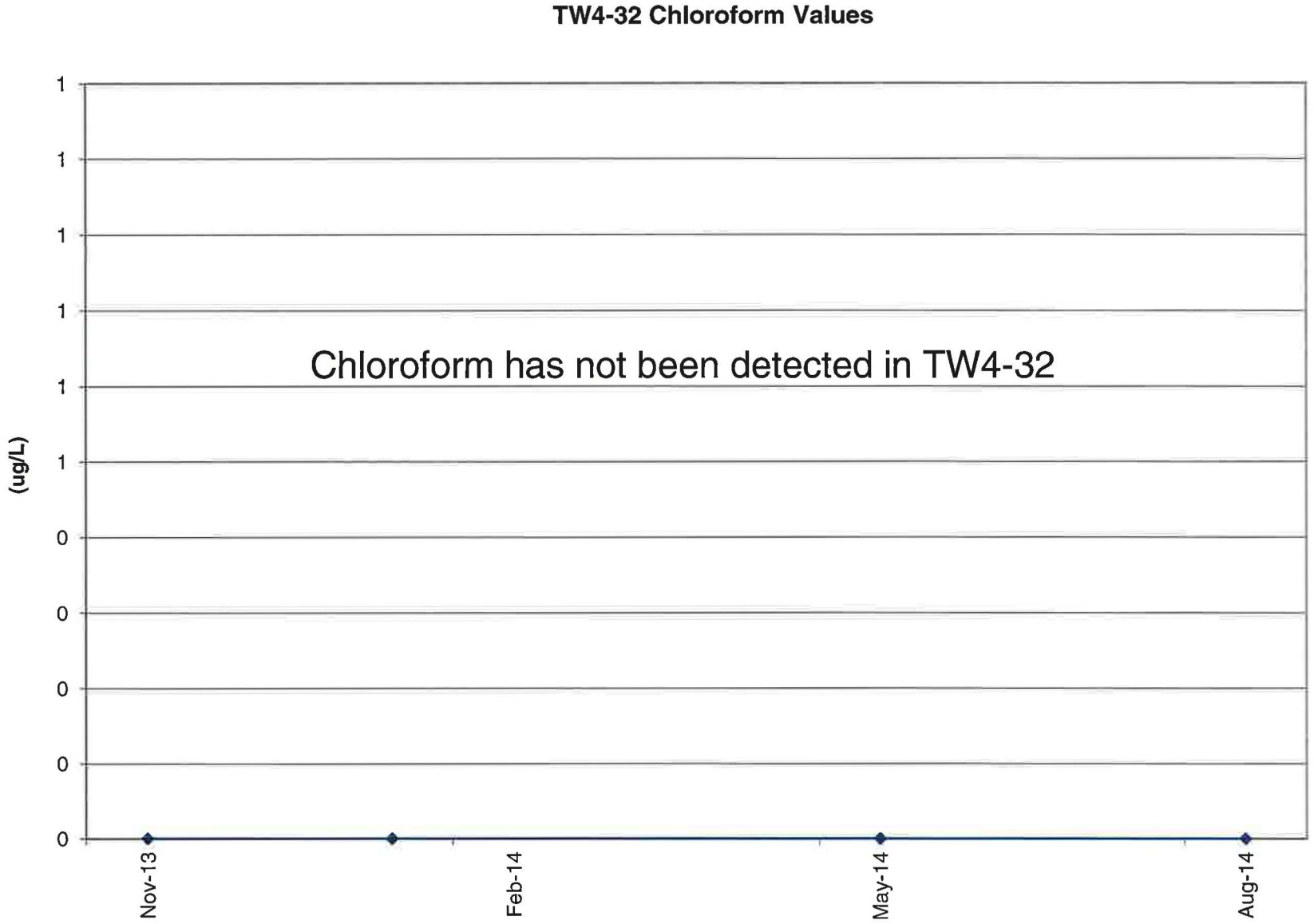

TW4-27 Chloroform Values
(ug/l)
0
1
2
3
4
5
6
7
8
9
10
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Oct-12
Nov-12
Dec-12
Jan-13
Feb-13
Mar-13
Apr-13
May-13
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14

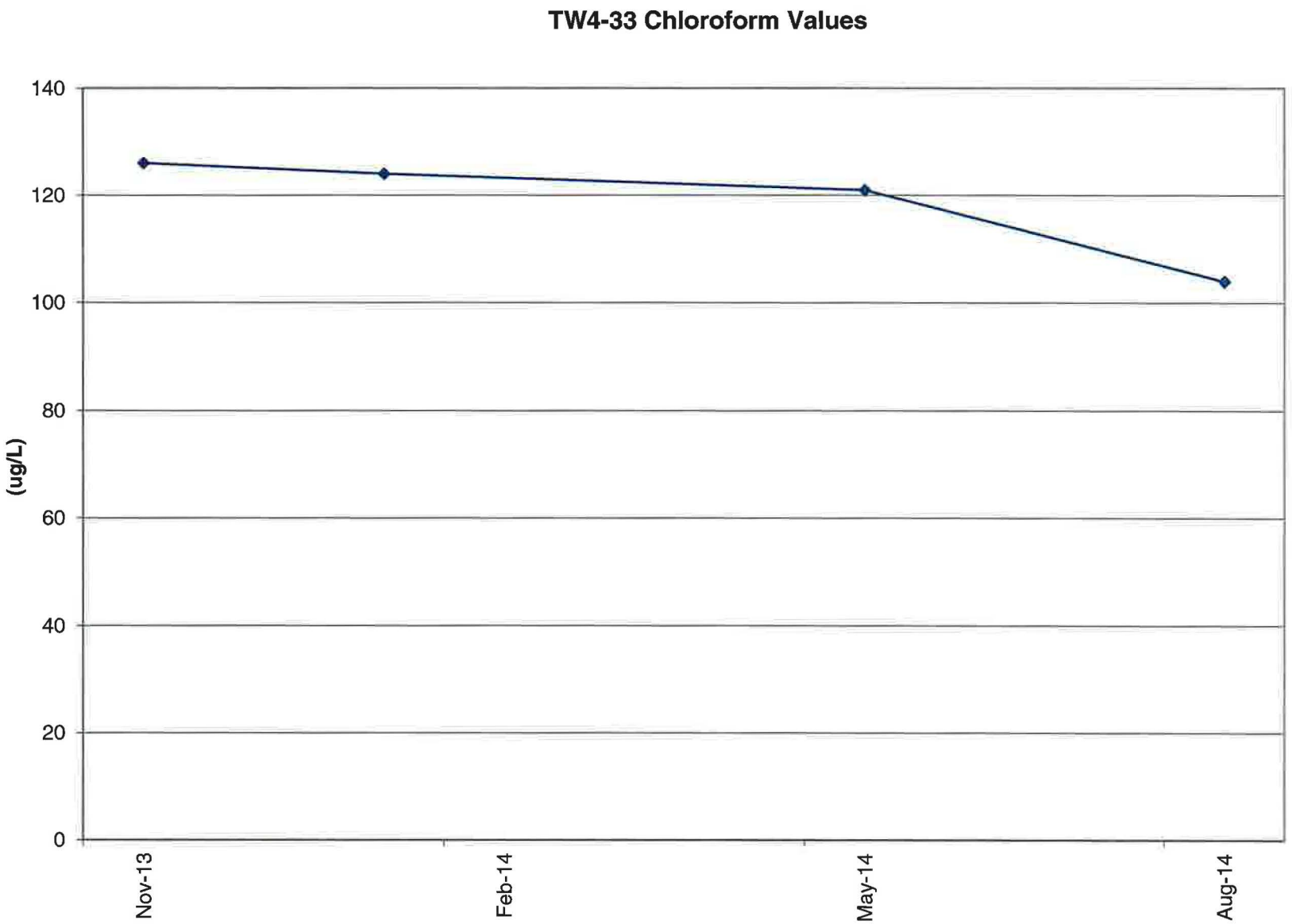

TW4-28 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
Chloroform has not been detected in TW4-28
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14

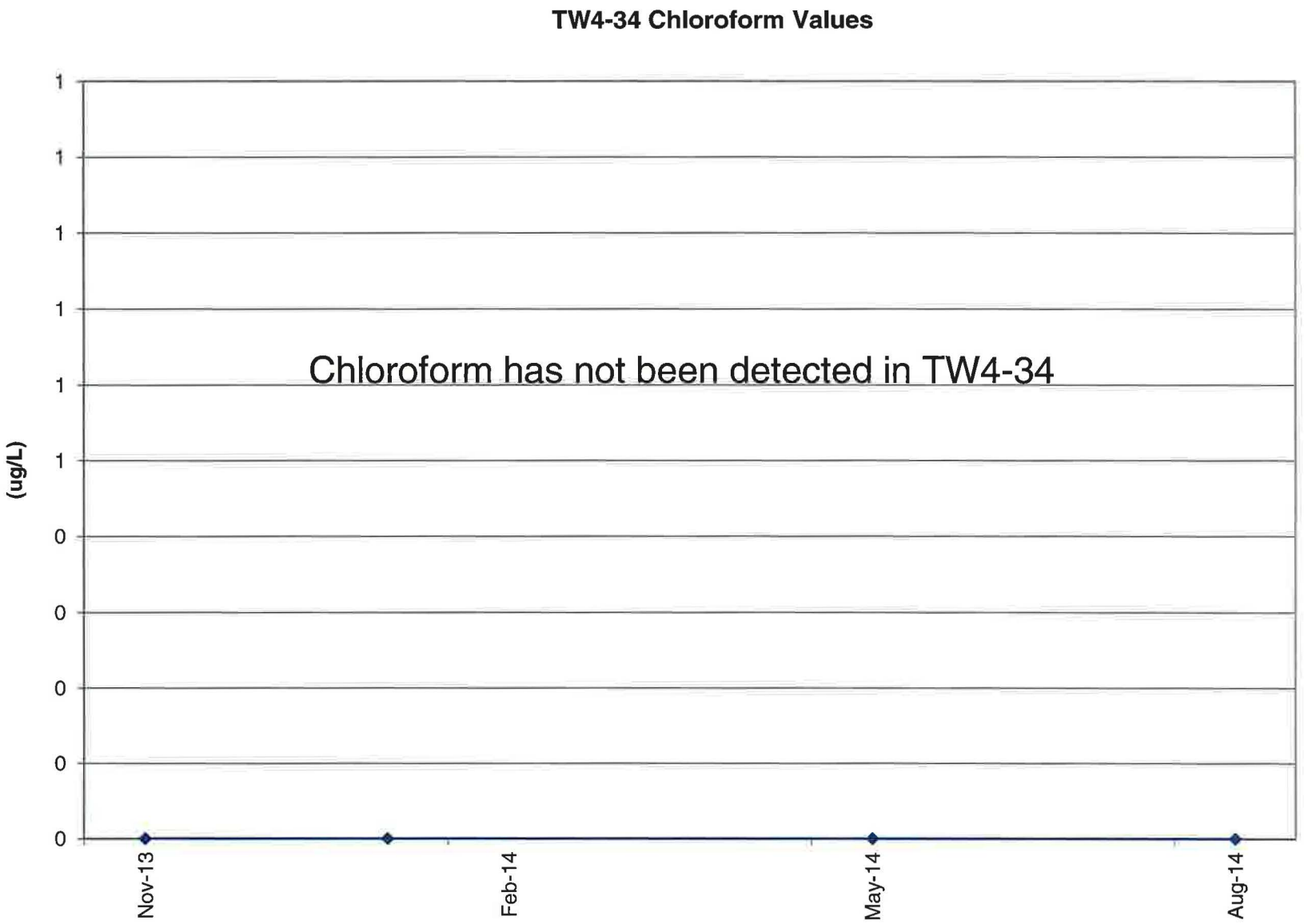

TW4-29 Chloroform Values
300
250
200
150
100
50
0
(ug/l)
Jun-13
Jul-13
Aug-13
Sep-13
Oct-13
Nov-13
Dec-13
Jan-14
Feb-14
Mar-14
Apr-14
May-14
Jun-14
Jul-14
Aug-14

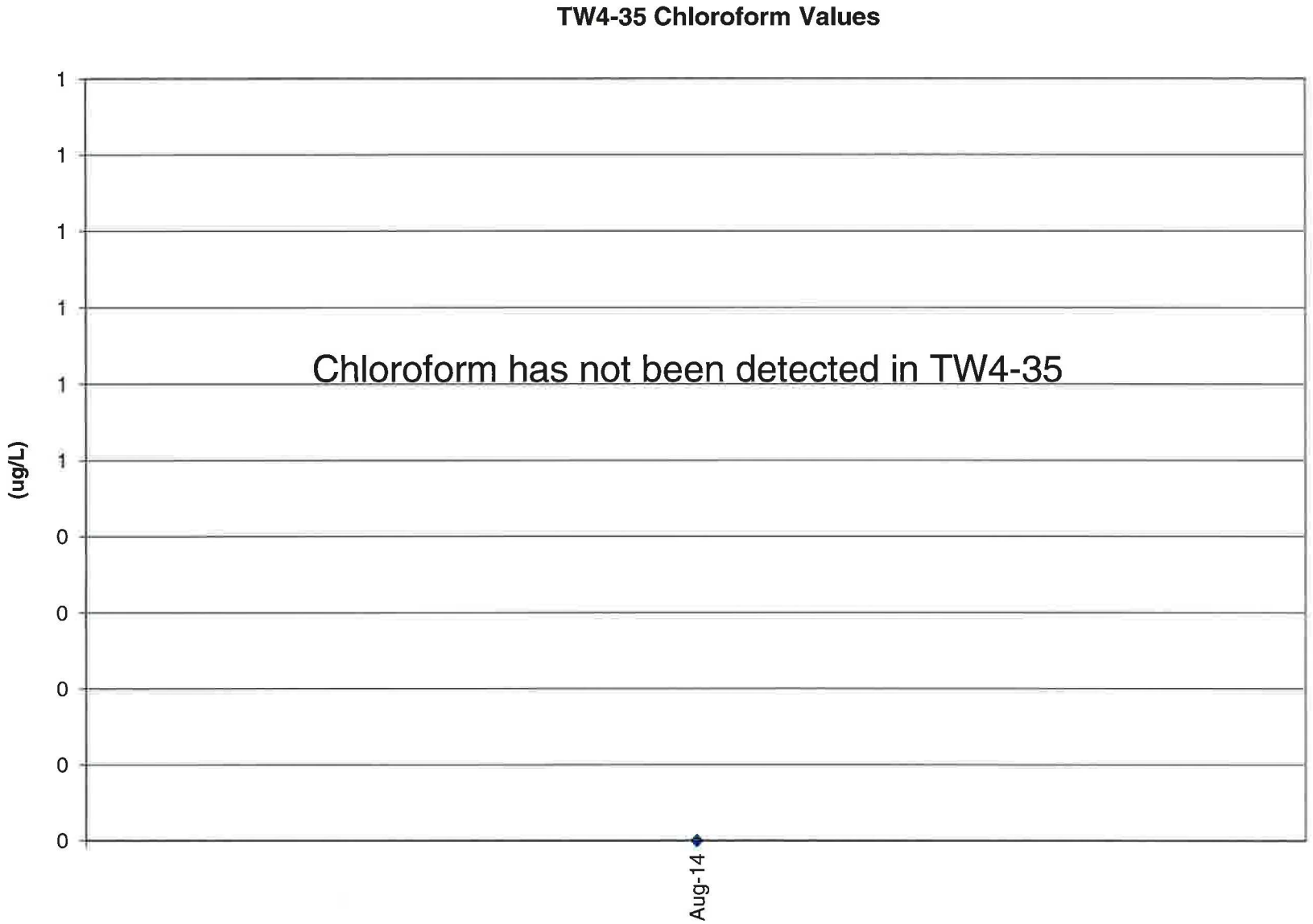

TW4-30 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-30
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14

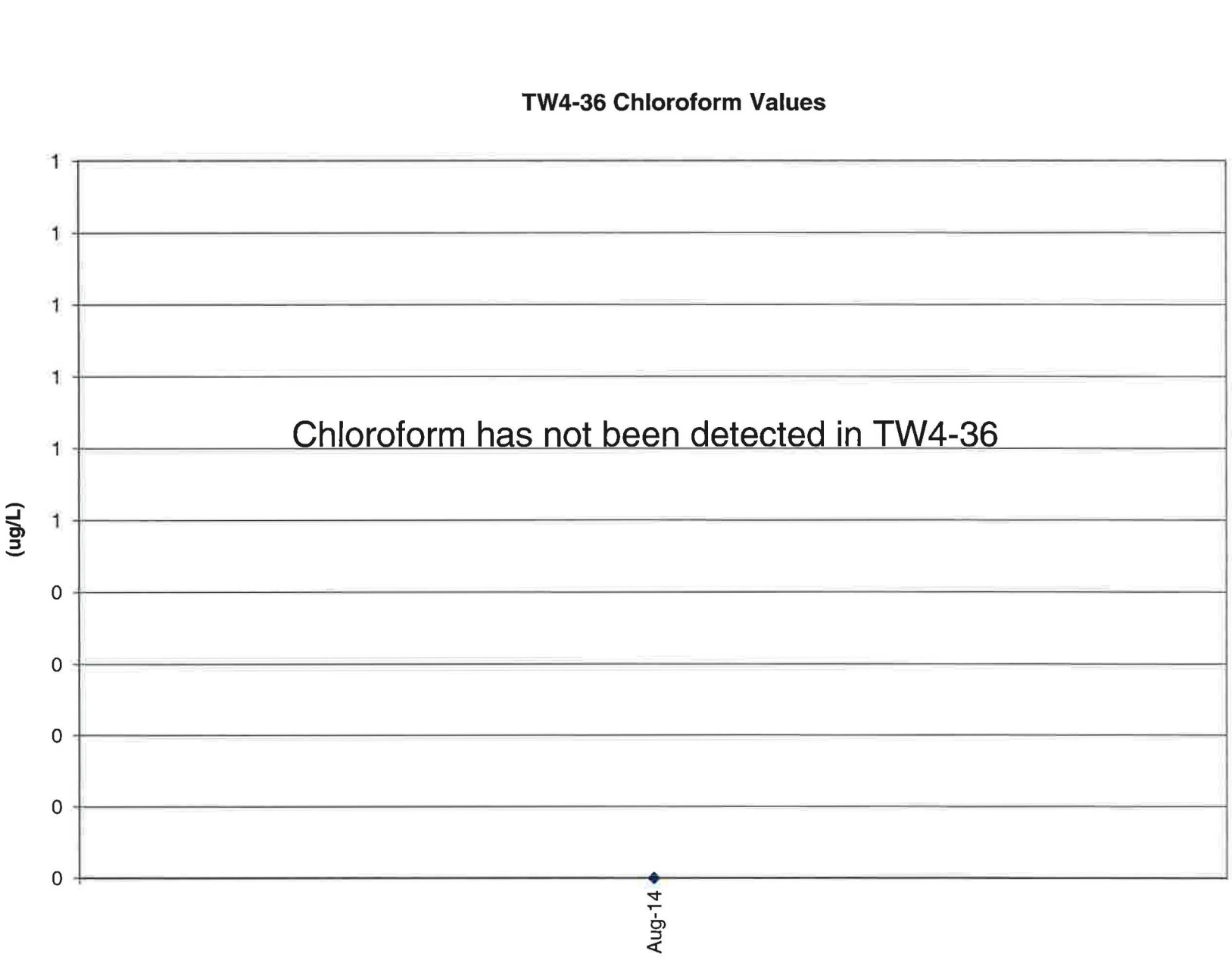

TW4-31 Chloroform Values
(ug/L)
1
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-31
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14


TW4-32 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-32
Nov-13
Feb-14
May-14
Aug-14


TW4-33 Chloroform Values
140
120
100
80
60
40
20
0
(ug/L)
Nov-13
Feb-14
May-14
Aug-14


TW4-34 Chloroform Values
(ug/L)
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
Aug-14


TW4-35 Chloroform Values
(ug/L)
1
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-35
Aug-14


TW4-36 Chloroform Values
(ug/L)
1
1
1
1
1
1
0
0
0
0
0
Chloroform has not been detected in TW4-36
Aug-14

Tab M

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Tuesday, November 11, 2014 11:08 AM
To: Rusty Lundberg
Cc: 'Phil Goble'; 'Dean Henderson'; Harold Roberts; David Frydenlund; Jaime Massey; David Turk; Scott Bakken; Dan Hillsten
Subject: Transmittal of CSV Files White Mesa Mill 2014 Q3 Chloroform Monitoring
Attachments: Q3 2014 CHCL3 data.csv

Dear Mr. Lundberg,

Attached to this e-mail is an electronic copy of laboratory results for chloroform monitoring conducted at the White Mesa Mill during the third quarter of 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