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May 12, 2015

Sent VIA OVERNIGHT DELIVERY

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

Re: Transmittal of 1st Quarter 2015 Groundwater Monitoring Report
Groundwater Quality Discharge Permit UGW370004 White Mesa Uranium Mill

Dear Mr. Lundberg:

Enclosed are two copies of the White Mesa Uranium Mill Groundwater Monitoring Report for the 1st Quarter of 2015 as required by the Groundwater Quality Discharge Permit UGW370004, 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

Groundwater Monitoring Report

State of Utah
Groundwater Discharge Permit No. UGW370004

1st Quarter
(January through March)
2015

Prepared by:

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

May 12, 2015

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ACRONYM LIST

AWAL	American West Analytical Laboratory
COC	Chain-of-Custody
DRC	Utah Division of Radiation Control
EFRI	Energy Fuels Resources (USA) Inc.
GEL	GEL Laboratories, Inc.
GWCLs	Groundwater Compliance Limits
GWDP	Groundwater Discharge Permit
LCS	Laboratory Control Spike
MS	Matrix Spike
MSD	Matrix Spike Duplicate
QA	Quality Assurance
QAP	Quality Assurance Plan
QC	Quality Control
RPD	Relative Percent Difference
SOPs	Standard Operating Procedures
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

This is the Routine Groundwater Monitoring Report, as required under Part I.F.1 of State of Utah Groundwater Discharge Permit No. UGW370004 (the "GWDP") for the first quarter of 2015 for Energy Fuels Resources (USA) Inc's. ("EFRI's") White Mesa Uranium Mill (the "Mill"). As required under Parts I.E.1, I.E.2, I.E.3, and I.E.5 of the GWDP, this Report includes recorded field measurements and laboratory analyses for well monitoring conducted during the quarter.

2.0 GROUNDWATER MONITORING

2.1 Samples and Measurements Taken During the Quarter

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

2.1.1 Groundwater Compliance Monitoring

Groundwater samples and field measurements collected during the quarter included both quarterly and accelerated monitoring. Accelerated monitoring is discussed below in Section 2.1.2. In this report, samples classified as being collected quarterly include those wells which are routinely sampled every quarter as well as semi-annual wells which are sampled on an accelerated quarterly schedule due to exceedances reported in previous quarterly reports. Wells which are sampled routinely every quarter were analyzed for the parameters listed in Table 2 and Part I.E.1.d) 2)ii of the GWDP dated August 24, 2012. The semi-annual wells which have been accelerated to quarterly are analyzed only for those parameters which exceeded the Groundwater Compliance Limits ("GWCLs") in Table 2 and Part I.E.1.d) 2)ii of the GWDP as described in previous reports.

Table 1 of this report provides an overview of wells sampled during the current period, along with the required sampling frequency applicable to each well during the current monitoring period, the date samples were collected from each well, and the date(s) analytical data were received from the contract laboratory(ies). Table 1 also indicates which sample numbers are associated with the required duplicates.

2.1.2 Accelerated Groundwater Monitoring

Accelerated monthly sampling was also performed (quarterly wells accelerated to monthly), and results reported, for the wells indicated in Table 1. The accelerated sampling frequency, analyte list and well list were determined based on the previous analytical results as shown in Table 2.

Table 1 provides an overview of the wells sampled for the accelerated monthly program along with the routine sampling frequency as well as the accelerated sampling frequency, the date samples were collected from each well, the associated duplicates and the date(s) which analytical data were received from the contract laboratory(ies).

2.1.3 Background Well Monitoring

Monitor well MW-35 was installed in the third quarter 2010 and has been sampled quarterly (and monthly for certain constituents) since the fourth quarter 2010. Monitor wells MW-36 and MW-37 were installed in the second quarter 2011 and have been sampled quarterly since second quarter 2011. The GWDP requires the completion of a background report for each of these wells after the completion of 8 quarters of sampling. The background reports and resultant Groundwater Compliance Limits ("GWCLs") are to be calculated based on 8 statistically valid data points.

The statistical methods used for the background assessments and calculation of the GWCLs are based on the United States Environmental Protection Agency's ("USEPA") *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance* (USEPA, 2009), as approved by the Utah Division of Radiation Control ("DRC").

Eight statistically valid data points for MW-35, MW-36, and MW-37 were available after the fourth quarter 2013 sampling event. EFRI submitted the background report for MW-35, MW-36, and MW-37 on May 1, 2014. DRC approved the Background Report by letter dated July 15, 2014. The calculated GWCLs will become effective upon their publication in the next revision of the GWDP.

2.1.4 Parameters Analyzed

Routine quarterly groundwater monitoring samples were analyzed for the parameters listed in Table 2 and Part I.E.1.d) 2) ii of the GWDP dated August 24, 2012. The accelerated monitoring samples were analyzed for a more limited and specific parameter list as shown in Table 2.

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 GWDP dated August 24, 2012:

- The quarterly groundwater compliance monitoring wells (including, MW-34).
- Existing monitoring well MW-4 and the temporary chloroform investigation wells.
- Piezometers – P-1, P-2, P-3, P-4 and P-5.

- Nitrate monitoring wells.

- The DR piezometers which were installed during the Southwest Hydrogeologic Investigation.

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

Water levels used for groundwater contour mapping were measured and recorded within 5 calendar days of each other as indicated by the measurement dates in the summary sheet under Tab D.

2.2 Field Data

Attached under Tab B are copies of field data sheets recorded in association with the quarterly effort for the groundwater compliance monitoring wells referred to in paragraph 2.1.1, above. Sampling dates are listed in Table 1.

Attached under Tab C are copies of field data sheets recorded in association with the accelerated monthly monitoring sampling efforts, referred to in paragraph 2.1.2, above. Sampling dates are listed in Table 1.

2.3 Laboratory Results - Quarterly Sampling

2.3.1 Copy of Laboratory Results

Analytical results are provided by two contract analytical laboratories: GEL and American West Analytical Laboratories ("AWAL").

Table 1 lists the dates when analytical results were reported to the Quality Assurance ("QA") Manager for each well.

Results from analysis of samples collected under the GWDP (i.e., regular quarterly and accelerated semi-annual samples) are provided in Tab E. Also included under Tab E are the results of analyses for duplicate samples as identified in Table 1.

2.3.2 Regulatory Framework and Groundwater Background

Under the GWDP dated August 24, 2012, background groundwater quality has been determined on a well-by-well basis, as defined by the mean plus second standard deviation concentration or the equivalent. GWCLs that reflect this background groundwater quality have been set for compliance monitoring wells except MW-35, MW-36, and MW-37. As discussed in Section 2.1.3 above, EFRI submitted the background report for MW-35, MW-36, and MW-37 on May 1, 2014. DRC approved the Background

Report by letter dated July 15, 2014. The calculated GWCLs will become effective upon their publication in the next revision of the GWDP.

Exceedances of the GWCLs during the preceding quarter determined the accelerated monthly monitoring program implemented during this quarter as noted in Tables 1 and 2.

Exceedances of the GWCLs for this quarter are listed in Table 2 for sampling required under the revised GWDP dated August 24, 2012. Accelerated requirements resulting from this quarter are highlighted for ease of reference. Table 3 documents the accelerated sampling program that started in the second quarter 2010 and shows the results and frequency of the accelerated sampling conducted since that time.

It should be noted, however, that, because the GWCLs have been set at the mean plus second standard deviation, or the equivalent, un-impacted groundwater would normally be expected to exceed the GWCLs approximately 2.5% of the time. Therefore, exceedances are expected in approximately 2.5% of sample results, and do not necessarily represent impacts to groundwater from Mill operations. In fact, more frequent sampling of a given analyte will increase the number of exceedances due to statistical variation and not due to Mill activity. Additionally, given the slow velocity of groundwater movement, accelerated sampling monthly may result in resampling of the same water and may lead to repeat exceedances for accelerated constituents not due to Mill activities, but due to repeat sampling of the same water.

2.4 Laboratory Results – Accelerated Monitoring

2.4.1 Copy of Laboratory Results

Results from analysis of samples collected for the monthly accelerated sampling (i.e. quarterly accelerated to monthly) are provided in Tab F. Also included under Tab F are the results of analyses for duplicate samples for this sampling effort, as identified in Table 1.

2.4.2 Regulatory Framework and Groundwater Background

As a result of the issuance of a revised GWDP on January 20, 2010, which sets revised GWCLs, requirements to perform accelerated monitoring under Part I.G.1 of the previous GWDP ceased effective on January 20, 2010, and the effect of the issuance of the revised GWDP was to create a "clean slate" for all constituents in all wells going forward.

This means that accelerated monitoring during this quarter was required under the revised GWDP for only those constituents that exceeded the GWCLs since January 20, 2010.

2.4.3 Compliance Status

Analytes that have exceeded the GWCLs set forth in the GWDP are summarized in Table 2. The analytes which exceeded their respective GWCLs during the quarter will be

sampled on an accelerated schedule as noted in Table 2. A review of the accelerated data collected during the quarter indicate that one analyte has exceeded its respective GWCL for two consecutive sampling periods as reported in EFRI's Exceedance Notice for the quarter. Table 3 summarizes the results of the accelerated sampling program from first quarter 2010 through the current quarter.

Part I.G.4 c) of the GWDP states, with respect to exceedances of GWCLs, "The Permittee shall prepare and submit within 30 calendar days to the Executive Secretary a plan and a time schedule for assessment of the sources, extent and potential dispersion of the contamination, and an evaluation of potential remedial action to restore and maintain groundwater quality to insure that Permit limits will not be exceeded at the compliance monitoring point and that DMT or BAT will be reestablished." EFRI submits an Exceedance Notice quarterly and the summary in the Exceedance Notice includes, for each exceedance, a brief discussion of whether such a plan and schedule is required at this time in light of other actions currently being undertaken by EFRI. The determination of whether a Plan and Time Schedule is required is based on discussions with DRC Staff in teleconferences on April 27 and May 2, 2011 and the constituents covered by previously submitted Source Assessment Reports.

2.4.3.1 MW-28

On May 28, 2014 EFRI notified DRC personnel of damage to Monitoring Well 28 ("MW-28"). The damage was noted by EFRI Environmental Staff during routine, quarterly sampling activities. Upon arrival at MW-28, EFRI Environmental Staff noticed that there was evidence that a vehicle had struck the outer protective metal casing of MW-28 and it was slightly bent and leaning to the west. Inspection of the inner, 10-inch PVC protective casing and the 4-inch well casing also showed signs of damage. The concrete seal between the 10-inch casing and the 4-inch casing was cracked and EFRI Environmental Staff noted that the 2 inner PVC casings were likely cracked and/or broken. Upon discovery of the damage on May 28, 2014, EFRI Environmental Staff contacted the EFRI Quality Assurance Manager ("QAM") via text message. The EFRI QAM notified DRC personnel in person, while at the DRC offices in Salt Lake City. On June 2, and June 5, 2014 Environmental Staff and Bayles Exploration repaired the well and removed the debris in the bottom of the well resulting from the damage. The Environmental Staff then overpumped the well and removed over 4 casing volumes to redevelop the well. The well was sampled and the routine, second quarter 2014 sample was collected on June 18, 2014. The repair notification and report are included in Tab K of this report.

Three new analytes were reported above the GWCL in the second quarter 2014 data. The analytes are uranium, vanadium and cadmium as shown in Tables 2 and 3. The third quarter 2014 data showed a decrease in all three constituents with vanadium and cadmium below the GWCLs. The one-time exceedances followed by a sharp decline indicated that the exceedances were temporary and are the result of the damage to the well and the subsequent activities undertaken to repair the casing and clean out the debris and soils.

Per the GWDP, EFRI began accelerated monitoring in third quarter 2014 at MW-28 for those three constituents. The first quarter 2015 MW-28 results for vanadium, cadmium and uranium are below the GWCLs and no further action except accelerated monitoring of those constituents is required. Per the Plan and Time Schedule submitted for uranium in MW-28 on December 4, 2014, an assessment of the uranium results will be completed after the first quarter 2015 sampling event. The Plan and Time Schedule specified that if the uranium results continued to exceed the GWCL in first quarter 2015, EFRI would perform a video inspection of the interior of MW-28 to investigate the possibility of additional physical damage to the well structure. As noted above, the uranium result for the first quarter 2015 was below the GWCL and no further action except accelerated monitoring is required.

2.5 Depth to Groundwater and Water Table Contour Map

As stated above, a listing of groundwater level readings for the quarter (shown as depth to groundwater in feet) is included under Tab D. The data from Tab D has been interpreted (kriged) and plotted in a water table contour map, provided under Tab H.

The water table contour map provides the location and identity of the wells and piezometers for which depth to groundwater is recorded. The groundwater elevation at each well and piezometer, measured in feet above mean sea level, and isocontour lines to delineate groundwater flow directions observed during the quarter's sampling event are displayed on the map.

3.0 QUALITY ASSURANCE AND DATA VALIDATION

The Mill QA Manager performed a QA/QC review to confirm compliance of the monitoring program with requirements of the Groundwater Monitoring Quality Assurance Plan ("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 quality control review of laboratory data 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 Laboratories have provided summary reports of the analytical QA/QC measurements necessary to maintain conformance with National Environmental Laboratory Accreditation Conference certification and reporting protocol. The analytical laboratory QA/QC Summary Reports, including copies of the Mill's COC and Analytical Request Record forms for each set of Analytical Results, follow the analytical results under Tabs E and F. Review of the laboratory QA/QC information is provided under Tab G.

3.1 Field QC Samples

The following field 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:

Two duplicate samples were collected during quarterly sampling as indicated in Table 1. The QC samples were sent blind to the analytical laboratory and analyzed for the same parameters as permit-required samples.

One duplicate sample was collected during each month of accelerated sampling as indicated in Table 1. The QC samples were sent blind to the analytical laboratory and analyzed for the same accelerated parameters as the parent sample.

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

One trip blank for each of the monthly accelerated sample events was provided by AWAL and returned and analyzed with the accelerated monthly monitoring samples.

Rinsate samples were not collected during the quarter because equipment used during sample collection was dedicated and did not require decontamination. All wells except MW-37 have dedicated pumps for purging and sampling and as such no rinsate blanks samples are required. MW-37 was sampled with a disposable bailer and no rinsate blank was required. A deionized field blank was not required because equipment decontamination was not required and deionized water was not used during this sampling event.

3.2 Adherence to Mill Sampling SOPs

On a review of adherence by Mill personnel to the existing sampling SOPs, the QA Manager observed that QA/QC requirements established in the QAP were met and that the SOP's were implemented as required.

3.3 Analyte Completeness Review

Analyses required by the GWDP for the quarterly and semi-annual wells were performed. The accelerated sampling for the semi-annual wells (semi-annual to quarterly) was completed as required by the GWDP and as shown in Tables 2 and 3. The accelerated quarterly sampling (quarterly to monthly) required for this quarter, as shown in Tables 2 and 3, was performed as required.

The monthly accelerated sampling program shown on Tables 2 and 3 is required as a result of exceedances in quarterly well monitoring results reported in previous quarters.

3.4 Data Validation

The QAP and GWDP identify the data validation steps and data quality control checks required for the groundwater monitoring program. Consistent with these requirements, the QA Manager completed the following evaluations: a field data QA/QC evaluation, a receipt temperature check, a holding time check, an analytical method check, a reporting limit check, a trip blank check, a QA/QC evaluation of routine sample duplicates, a QA/QC evaluation of accelerated sample duplicates, a gross alpha counting error evaluation and a review of each laboratory's reported QA/QC information. Each evaluation is discussed in the following sections. Data check tables indicating the results of each test are provided under Tab G.

3.4.1 Field Data QA/QC Evaluation

The QA Manager performs a review of 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 the stability of the following field parameters (based upon the purging method chosen): specific conductance, pH, temperature, redox potential, and turbidity. Stability of field parameters and well sampling techniques are dependent on the purging technique employed. Review of the Depth to Water data confirms that depth measurements were conducted within a five-day period. The results of this quarter's review are provided in Tab G.

There are three purging strategies specified in Revision 7.2 of the QAP 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
2. Purging two casing volumes with stable field parameters (within 10% [Relative Percent Difference] ("RPD"))
3. Purging a well to dryness and stability (within 10% RPD) of a limited list of field parameters after recovery

During both the quarterly sampling event and the two monthly events, the purging technique used was two casing volumes with stable field parameters (pH, Conductivity, Redox, temperature and turbidity) except for the following wells that were purged to dryness: MW-03A, MW-23, MW-24, and MW-37.

Based upon the review of the Field Data Sheets, quarterly and semi-annually sampled locations conformed to the QAP requirement for purging using the two casing volume technique except for MW-37. MW-37 was evacuated to dryness before two casing volumes could be removed. MW-37 has insufficient water to purge using a pump. Due to the small volume of water present, this well is purged and sampled using a disposable bailer. MW-37 conformed to the QAP, Revision 7.2 requirement for sampling low yield

wells which includes the collection of three field parameters (pH, specific conductance ["conductivity"] and temperature) immediately prior to and immediately following sample collection. Stabilization of pH, conductivity and temperature were within the 10% RPD required by QAP, Revision 7.2. MW-03A, MW-23, and MW-24 were purged to dryness after 2 casing volumes were removed and the low yield sampling procedures were used for the collection of field parameters. Stabilization of pH, conductivity and temperature were within the 10% RPD required by QAP, Revision 7.2 for well MW-03A, MW-23, and MW-24.

Additionally, two casing volumes were not purged from MW-26, prior to sampling because MW-26 is a continuously pumped well. If a well is continuously pumped, 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 follows the purging requirements outlined in Attachment 2-3 of the QAP.

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 two consecutive measurements. 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 regarding turbidity measurements greater than 5 NTU below are included for information purposes only.

- Turbidity measurements were less than 5 NTU for the quarterly and semi-annual wells except MW-11, MW-12 MW-25, and MW-32. Per the QAP, Revision 7.2, Attachment 2-3, turbidity measurements prior to sampling were within a 10% RPD for the quarterly and semi-annual wells.

- Turbidity measurements were less than 5 NTU for the accelerated sampling wells except MW-25 in the January monthly event. As previously noted, the QAP does not require that turbidity be less than 5 NTU. Turbidity measurements prior to sampling were within a 10% RPD for the accelerated sampling wells

The other field parameters (conductance, pH, redox potential, and temperature) for the wells were within the required RPD for the quarterly, semi-annual and accelerated sampling.

During review of the field data sheets, it was observed that sampling personnel consistently recorded depth to water for the quarterly, semi-annual and accelerated sampling programs to the nearest 0.01 foot.

EFRI's letter to DRC of March 26, 2010 discusses further why turbidity does not appear to be an appropriate parameter for assessing well stabilization. In response to DRC's subsequent correspondence dated June 1, 2010 and June 24, 2010, EFRI has completed a

monitoring well redevelopment program. The redevelopment report was submitted to DRC on September 30, 2011. DRC responded to the redevelopment report via letter on November 15, 2012. Per the DRC letter dated November 15, 2012, the field data generated this quarter are compliant with the turbidity requirements of the approved QAP.

3.4.2 Holding Time Evaluation

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

3.4.3 Receipt Temperature Evaluation

COC sheets were reviewed to confirm compliance with the QAP requirement in Table 1 that samples be received at 6°C or lower. Sample receipt temperature checks are provided under Tab G. The quarterly, semi-annual and accelerated samples were received within the required temperature limit.

As noted in Tab G, samples for gross alpha analyses were shipped without using ice. Per Table 1 in the approved QAP, samples submitted for gross alpha analyses do not have a sample temperature requirement.

3.4.4 Analytical Method Checklist

The analytical methods reported by both laboratories were checked against the required methods specified in the QAP. Analytical method check results are provided in Tab G. The review indicated that the quarterly, semi-annual and accelerated samples were analyzed in accordance with Table 1 of the QAP.

3.4.5 Reporting Limit Evaluation

The analytical method RLs reported by both laboratories were checked against the RLs specified in the QAP Table 1. RL evaluations are provided in Tab G. The analytes were measured and reported to the required RLs except that several sets of quarterly, semi-annual and accelerated sample results had the RL raised for at least one analyte due to matrix interference and/or sample dilution as noted in Section 3.4.9. In all cases the reported value for the analyte was higher than the increased RL.

3.4.6 Trip Blank Evaluation

The trip blank results were reviewed to identify any VOC sample contamination which is the result of sample handling and shipment. Trip blank evaluations are provided in Tab G. The trip blank results associated with the quarterly, semi-annual and accelerated samples were all nondetect for VOCs.

3.4.7 QA/QC Evaluation for Routine 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 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 will be considered noncompliant only when the results are greater than 5 times the required detection limit and the RPD is greater than 20%. The additional duplicate information is provided for information purposes.

The duplicate results were within a 20% RPD in the quarterly samples. Results of the RPD test are provided under Tab G.

The duplicate results were within a 20% RPD in the monthly accelerated samples except for duplicate pair MW-30/MW-65 in the January monthly sampling event. Both of the sample results reported for MW-30/MW-65 were not five times greater than the reporting limits of 5.0 and as such the deviation from the 20% RPD requirement is acceptable. Results of the RPD test are provided under Tab G.

3.4.8 Radiologics Counting Error and Duplicate Evaluation

Section 9.14 of the QAP require that gross alpha analysis be reported with an activity equal to or greater than the GWCL, and shall have a counting variance that is equal to or less than 20% of the reported activity concentration. An error term may be greater than 20% of the reported activity concentration when the sum of the activity concentration and error term is less than or equal to the GWCL.

Section 9.4 of the QAP also requires a comparability check between the sample and field duplicate sample results utilizing the formula provided in the text. Duplicate error was not calculated for duplicate pair MW-36/MW-70 because the results for the parent and duplicate sample were not both reported above the RL.

Results of quarterly, semi-annual, and accelerated radiologic sample QC are provided under Tab G. The quarterly, semi-annual, and accelerated radiologic sample results met the counting error requirements specified in the QAP.

3.4.9 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-specific required limits, or that the case narrative sufficiently explains any deviation from these limits. Results of this quantitative check are provided under Tab G. The lab QA/QC results from both GEL and AWAL samples for compounds regulated under the GWDP met these requirements.

The check samples included at least the following: a method blank, a laboratory control spike ("LCS"), a matrix spike ("MS") and a matrix spike duplicate ("MSD"), or the equivalent, where applicable. It should be noted that:

- Laboratory fortified blanks are equivalent to LCSs.
- Laboratory reagent blanks are equivalent to method blanks.
- Post digestion spikes are equivalent to MSs.
- Post digestion spike duplicates are equivalent to MSDs.
- Laboratory Duplicates are equivalent to MSDs.

The qualifiers, and the corresponding explanations reported in the QA/QC Summary Reports for the check samples for the analytical methods were reviewed by the QA Manager.

The QAP, Section 8.1.2 requires that a 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 requirements in the QAP to analyze a 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 quarterly and semi-annual samples were within acceptable laboratory limits for the regulated compounds except as indicated in Tab G. The AWAL data recoveries and RPDs which are outside the laboratory established acceptance limits do not affect the quality or usability of the data because the recoveries and RPDs above or below the acceptance limits are indicative of matrix interference most likely caused by other constituents in the samples. Matrix interferences are applicable to the individual sample results only. The requirement in the QAP to analyze a MS/MSD pair with each analytical batch was met and as such the data are compliant with the QAP.

The information from the Laboratory QA/QC Summary Reports indicates that the MS/MSDs recoveries and the associated RPDs for the accelerated samples were within acceptable laboratory limits for the regulated compounds except as indicated in Tab G. The recoveries and RPDs which are outside of the laboratory established acceptance limits do not affect the quality or usability of the data because the recoveries and RPDs above the acceptance limits are indicative of matrix interference most likely caused by other constituents in the samples. Matrix interferences are applicable to the individual sample results only. The requirement in the QAP to analyze a MS/MSD pair with each analytical batch was met and as such the data are compliant with the QAP.

The QAP specifies that surrogate compounds shall be employed for all organic analyses but the QAP does not specify acceptance limits for surrogate recoveries. The information from the Laboratory QA/QC Summary Reports indicates that the surrogate recoveries for the quarterly and accelerated samples were within acceptable laboratory limits for the surrogate compounds.

The information from the Laboratory QA/QC Summary Reports indicates that the LCS recoveries for both the quarterly and accelerated samples were within acceptable laboratory limits for the LCS compounds as noted in Tab G.

The QAP, Section 8.1.2 requires that each analytical batch shall be accompanied by a method blank. The analytical batches routinely contain a blank, which is a blank sample made and carried through all analytical steps. For the Mill samples, a method blank was prepared for the analytical methods. Per the approved QAP, contamination detected in analysis of method blanks will be used to evaluate any analytical laboratory contamination of environmental samples. QAP Revision 7.2 states that non-conformance conditions will exist when contaminant levels in the samples(s) are not an order of magnitude greater than the blank result. The method blanks for the quarterly samples and the accelerated samples reported no detections of any analyte. Method blank results are included in Tab E and Tab F.

Laboratory duplicates are completed by the analytical laboratories as required by the analytical method specifications. Acceptance limits for laboratory duplicates are set by the laboratories. The QAP does not require the completion of laboratory duplicates or the completion of a QA assessment of them. EFRI reviews the QC data provided by the laboratories for completeness and to assess the overall quality of the data provided. Duplicate results outside of the laboratory established acceptance limits are included in Tab G. The results outside of the laboratory established acceptance limits do not affect the quality or usability of the data because the RPDs above the acceptance limits are indicative of non-homogeneity in the sample matrix. Matrix affects are applicable to the individual sample results only.

4.0 CORRECTIVE ACTION REPORT

Necessary corrective actions identified during the current monitoring period are described below, in accordance with Part I.F.1.e of the GWDP. The issue discussed below was

discovered during the data review for first quarter 2015. Assessment of the effectiveness of the corrective action will be completed after the second quarter 2015.

4.1 Identification and Definition of the Problem

The problem identified was:

Exceedance Reporting

The exceedance notice for second quarter 2014 failed to note that chloride in MW-32 had exceeded the GWCL. It is important to note that although the required reporting was missed, there was no missed data because MW-32 is sampled quarterly for chloride under the chloroform program.

4.2 Assignment of Responsibility for Investigating the Problem

The problem has been investigated by the Quality Assurance Manager.

4.3 Investigation and Determination of Cause of the Problem

Exceedance Reporting

During the routine exceedance check, the chloride data from MW-32 was inadvertently overlooked, because the second quarter 2014 groundwater and chloroform samples were collected the same day. The analytical database stores data from both programs with a location code of MW-32. The data were inadvertently omitted from the groundwater review as chloroform program data.

4.4 Determination of a Corrective Action to Eliminate the Problem

Exceedance Reporting

The omission of chloride from the groundwater data review has prompted the QA Manager to revise the location code for MW-32. Data collected under the groundwater program will carry a location code of MW-32, while data collected under the chloroform program will carry a location code of TW4-17. This location coding will allow the data from both programs to be readily identifiable and will prevent the inadvertent omission of the groundwater data from the exceedance checking procedures.

4.5 Assigning and Accepting Responsibility for Implementing the Corrective Action

It will be the responsibility of the QA Manager to implement the corrective action.

Exceedance Reporting

The QA Manager is in the process of implementing the new location coding procedure described above.

4.6 Implementing the Corrective Action and Evaluating Effectiveness

Accelerated Monitoring Frequency

Implementation of the corrective action will begin with the next data sets collected.

4.7 Verifying That the Corrective Action Has Eliminated the Problem

Verification of the location coding procedure will occur after the collection of the second quarter 2015 samples.

4.8 Assessment of Corrective Actions from Previous Period

No corrective actions were identified in the fourth quarter 2014 report.

5.0 TIME CONCENTRATION PLOTS

Time concentration plots for each monitoring well for the following constituents: chloride, fluoride, sulfate, and uranium, are included under Tab I. The data points collected to date are reflected on the plots.

Time concentration plots included with quarterly groundwater reports prior to and including first quarter 2012 did not include data that were determined to be outliers using the statistical methods used for the background determinations at the Mill. Based on conversations with DRC, all of the data have been included in the quarterly time concentration plots since first quarter 2012.

6.0 ELECTRONIC DATA FILES AND FORMAT

EFRI has provided to the Director electronic copies of the laboratory results from groundwater quality monitoring conducted during the quarter in Comma Separated Values format, from the analytical laboratories. A copy of the transmittal e-mail is included under Tab J.

7.0 SIGNATURE AND CERTIFICATION

This document was prepared by Energy Fuels Resources (USA) Inc. on May 12, 2015.

ENERGY FUELS RESOURCES (USA) INC.

By:

Scott A. Bakken
Director, Permitting & 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 & Environmental Affairs
Energy Fuels Resources (USA) Inc.

Tables

Table 1: Summary of Well Sampling for Q1 2015

Well	Normal Frequency	Purpose for sampling this quarter	Sample Date	Date of Lab Report
MW-01	Semi-annually	Semi-annually	2/10/2015	(2/27/15)
MW-03	Semi-annually	Semi-annually	2/11/2015	(2/27/15)
MW-03A	Semi-annually	Semi-annually	2/12/2015	(2/27/15)
MW-05	Semi-annually	Semi-annually	2/10/2015	(2/27/15)
MW-11	Quarterly	Quarterly	2/3/2015	(2/23/15) [3/4/15]
MW-12	Semi-annually	Semi-annually	2/9/2015	(2/27/15)
MW-14	Quarterly	Quarterly	2/3/2015	(2/23/15) [3/4/15]
MW-15	Semi-annually	Semi-annually	2/4/2015	(2/17/15)
MW-18	Semi-annually	Semi-annually	2/3/2015	(2/17/15)
MW-19	Semi-annually	Semi-annually	2/2/2015	(2/17/15) [3/4/15]
MW-23	Semi-annually	Semi-annually	2/10/2015	N/A - Field pH measurement only
MW-24	Semi-annually	Semi-annually	2/12/2015	(2/27/15)
MW-25	Quarterly	Quarterly	2/4/2015	(2/23/15) [3/4/15]
MW-26	Quarterly	Quarterly	2/11/2015	(2/26/15) [3/4/15]
MW-27	Semi-annually	Semi-annually	2/9/2015	(2/27/15) [3/4/15]
MW-28	Semi-annually	Semi-annually	2/9/2015	(2/27/15)
MW-29	Semi-annually	Semi-annually	2/10/2015	(2/27/15)
MW-30	Quarterly	Quarterly	2/4/2015	(2/23/15) [3/4/15]
MW-31	Quarterly	Quarterly	2/2/2015	(2/23/15) [3/4/15]
MW-32	Semi-annually	Semi-annually	2/9/2015	[3/4/15]
MW-35	Quarterly	Background	2/5/2015	(2/23/15) [3/4/15]
MW-36	Quarterly	Background	2/10/2015	(2/26/15) [3/4/15]
MW-37	Quarterly	Background	3/5/2015	(3/27/15) *(3/31/15)*
MW-65	Quarterly	Duplicate of MW-35	2/5/2015	(2/23/15) [3/4/15]
MW-70	1 per Batch	Duplicate of MW-36	2/10/2015	(2/26/15) [3/4/15]
Accelerated January Monthly				
MW-11	Monthly	Accelerated	1/21/2015	(1/29/15)
MW-14	Monthly	Accelerated	1/21/2015	N/A - Field pH measurement only
MW-25	Monthly	Accelerated	1/20/2015	(1/29/15)
MW-26	Monthly	Accelerated	1/21/2015	(1/29/15)
MW-30	Monthly	Accelerated	1/21/2015	(1/29/15)
MW-31	Monthly	Accelerated	1/20/2015	(1/29/15)
MW-35	Monthly	Accelerated	1/20/2015	(1/29/15) [1/28/15]
MW-65	Monthly	Duplicate of MW-30	1/21/2015	(1/29/15)
Accelerated March Monthly				
MW-11	Monthly	Accelerated	3/3/2015	(3/25/15)
MW-14	Monthly	Accelerated	3/5/2015	N/A - Field pH measurement only
MW-25	Monthly	Accelerated	3/4/2015	(3/25/15)
MW-26	Monthly	Accelerated	3/4/2015	(3/25/15)
MW-30	Monthly	Accelerated	3/3/2015	(3/25/15)
MW-31	Monthly	Accelerated	3/3/2015	(3/25/15)
MW-35	Monthly	Accelerated	3/4/2015	(3/25/15) [4/6/15]
MW-65	1 per Batch	Duplicate of MW-35	3/4/2015	(3/25/15) [4/6/15]

Notes:

Dates in italics are the original laboratory submission dates. Resubmissions were required to correct reporting errors or to address reanalyses.

Date in parenthesis depicts the date that data were reported from American West Analytical Laboratories (AWAL).

Date in brackets depicts the date the data were reported from GEL Laboratories.

Table 2
Exceedances and Acceleration Requirements

Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in Current GWDP	First Result Exceeding the GWCL	Routine Sample Frequency	Accelerated Frequency	Exceedance Sample Period	Start of Accelerated Monitoring
Quarterly Wells Accelerated to Monthly Sampling[1]							
MW-11 (Class II)	Manganese (ug/L)	131.29	134	Quarterly	Monthly	Q1 2010	May 2010
MW-14 (Class III)	Field pH (S.U.)	6.5 - 8.5	6.45	Quarterly	Monthly	Q1 2010	May 2010
MW-25 (Class III)	Uranium (ug/L)	6.5	7.13	Quarterly	Monthly	Q4 2013	March 2014
	Chloride (mg/L)	35	36.1	Quarterly	Monthly	Q1 2013	June 2013
	Field pH (S.U.)	6.5 - 8.5	6.47	Quarterly	Monthly	Q4 2012	February 2013
MW-26 (Class III)	Nitrate + Nitrite (as N) (mg/L)	0.62	1.3	Quarterly	Monthly	Q1 2010	May 2010
	Uranium (ug/L)	41.8	58.7	Quarterly	Monthly	Q1 2010	May 2010
	Chloroform (ug/L)	70	700	Quarterly	Monthly	Q1 2010	May 2010
	Chloride (mg/L)	58.31	72	Quarterly	Monthly	Q1 2010	May 2010
	Methylene Chloride (ug/L)	5	9.9	Quarterly	Monthly	Q2 2010	June 2010
	Carbon tetrachloride (ug/L)	5	6.86	Quarterly	Monthly	Q1 2014	June 2014
	Field pH (S.U.)	6.74 - 8.5	6.59	Quarterly	Monthly	Q1 2010	May 2010
MW-30 (Class II)	Nitrate + Nitrite (as N) (mg/L)	2.5	16.1	Quarterly	Monthly	Q1 2010	May 2010
	Chloride (mg/L)	128	134	Quarterly	Monthly	Q1 2011	May 2011
	Field pH (S.U.)	6.5	6.22	Quarterly	Monthly	Q4 2014	March 2015
	Ammonia (mg/L)	0.14	0.3	Quarterly	Monthly	Q4 2014	March 2015
	Uranium (ug/L)	8.32	8.57	Quarterly	Monthly	Q4 2013	March 2014
	Selenium (ug/L)	34	35.3	Quarterly	Monthly	Q2 2010	July 2010
MW-31 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5	21.7	Quarterly	Monthly	Q1 2010	May 2010
	TDS (mg/L)	1320	1330	Quarterly	Monthly	Q3 2010	January 2011
	Sulfate (mg/L)	532	539	Quarterly	Monthly	Q4 2010	March 2011
	Selenium (ug/L)	71	74	Quarterly	Monthly	Q3 2012	December 2012
	Field pH (S.U.)	6.5 - 8.5	6.45	Quarterly	Monthly	February 2014	June 2014
	Chloride (mg/L)	143	145	Quarterly	Monthly	Q1 2011	May 2011
MW-35 (Class II)	Uranium (ug/L)	7.5	21.7	Quarterly	Monthly	Q3 2011	July 2011
	Thallium (ug/L)	0.5	1.14	Quarterly	Monthly	Q4 2011	July 2011
	Selenium (ug/L)	12.5	19.7	Quarterly	Monthly	Q1 2012	June 2012
	Gross Alpha minus Rn & U (pCi/L)	3.75	4.5	Quarterly	Monthly	Q3 2011	Q4 2011
	Field pH (S.U.)	6.5 - 8.5	6.49**	Quarterly	Monthly	July 2011	August 2011
	Manganese (ug/L)	200	369	Quarterly	Monthly	Q3 2011	July 2011
Semi-Annual Wells Accelerated to Quarterly Sampling[1]							
Monitoring Well (Water Class)	**Constituent Exceeding GWCL**	**GWCL in Current GWDP**	**First Result Exceeding the GWCL**	**Sample Frequency**	**Accelerated Frequency**	**Exceedance Sample Period**	**Start of Accelerated Monitoring**
MW-1 (Class II)	Tetrahydrofuran (ug/L)	11.5	21.8	Semi-Annually	Quarterly	Q4 2012	Q1 2013
	Field pH (S.U.)	6.77 - 8.5	6.75	Semi-Annually	Quarterly	Q3 2014	Q1 2015
	Sulfate (mg/L)	838	846	Semi-Annually	Quarterly	Q4 2012	Q1 2013
	Manganese (ug/L)	289	315	Semi-Annually	Quarterly	Q4 2012	Q1 2013
MW-3 (Class III)	Selenium (ug/L)	37	37.2	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Field pH (S.U.)	6.5 - 8.5	6.14 (6.25)	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Nitrate + Nitrite (as N) (mg/L)	0.73	1.21	Semi-Annually	Quarterly	Q4 2013	Q2 2014
	Sulfate (mg/L)	3663	3760	Semi-Annually	Quarterly	Q4 2013	Q2 2014
	Fluoride (mg/L)	0.68	0.71	Semi-Annually	Quarterly	Q2 2010	Q3 2010
MW-3A (Class III)	Field pH (S.U.)	6.5 - 8.5	6.23 (6.24)	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Sulfate (mg/L)	3640	3680	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	TDS (mg/L)	5805	5860	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Nitrate + Nitrite (as N) (mg/L)	1.3	1.31	Semi-Annually	Quarterly	Q4 2012	Q1 2013
	Selenium (ug/L)	89	94.8	Semi-Annually	Quarterly	Q4 2010	Q1 2011
MW-5 (Class II)	Uranium (ug/L)	7.5	11.6	Semi-Annually	Quarterly	Q4 2010	Q1 2011
MW-12 (Class III)	Field pH (S.U.)	6.5 - 8.5	6.13	Semi-Annually	Quarterly	Q1 2014	Q2 2014
	Selenium (ug/L)	25	33.3	Semi-Annually	Quarterly	Q4 2014	Q3 2015
MW-15 (Class III)	Selenium (ug/L)	128.7	152	Semi-Annually	Quarterly	Q2 2012	Q3 2012
	Field pH (S.U.)	6.62 - 8.5	6.61	Semi-Annually	Quarterly	Q4 2013	Q2 2014
MW-18 (Class III)	Thallium (ug/L)	1.95	3.73	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Sulfate (mg/L)	1938.9	1950	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Field pH (S.U.)	6.25 - 8.5	6.16	Semi-Annually	Quarterly	Q1 2014	Q2 2014
	TDS (mg/L)	3198.77	3280	Semi-Annually	Quarterly	Q2 2010	Q3 2010
MW-19 (Class III)	Nitrate + Nitrite (as N) (mg/L)	2.83	4	Semi-Annually	Quarterly	Q4 2011	Q1 2012
	Gross Alpha minus Rn & U (pCi/L)	2.36	4.86	Semi-Annually	Quarterly	Q4 2012	Q1 2013
	Field pH (S.U.)	6.78-8.5	6.61 (6.66)	Semi-Annually	Quarterly	Q2 2010	Q3 2010
MW-23 (Class III)	Field pH (S.U.)	6.5 - 8.5	6.18	Semi-Annually	Quarterly	Q2 2010	Q3 2010
MW-24 (Class III)	Cadmium (ug/L)	2.5	4.28	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Fluoride (mg/L)	0.36	0.558	Semi-Annually	Quarterly	Q4 2012	Q1 2013
	Sulfate (mg/L)	2903	3120	Semi-Annually	Quarterly	Q4 2014	Q3 2015
	Thallium (ug/L)	1	1.3	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Field pH (S.U.)	6.5 - 8.5	5.91 (5.78)	Semi-Annually	Quarterly	Q2 2010	Q3 2010
MW-27 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5.6	5.8	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Chloride (mg/L)	38	42	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Gross Alpha minus Rn & U (pCi/L)	2	2.33	Semi-Annually	Quarterly	Q2 2014	Q4 2014
	Sulfate (mg/L)	462	497	Semi-Annually	Quarterly	Q2 2013	Q1 2014
	TDS (mg/L)	1075	1160	Semi-Annually	Quarterly	Q2 2010	Q3 2010

MW-28 (Class III)	Chloride (mg/L)	105	108	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Cadmium (ug/L)	5.2	5.41	Semi-Annually	Quarterly	Q2 2014	Q4 2014
	Uranium (ug/L)	4.9	61.3	Semi-Annually	Quarterly	Q2 2014	Q4 2014
	Vanadium (ug/L)	30	109	Semi-Annually	Quarterly	Q2 2014	Q4 2014
	Field pH (S.U.)	6.1 - 8.5	6.01	Semi-Annually	Quarterly	Q1 2014	Q2 2014
MW-29 (Class III)	Field pH (S.U.)	6.46 - 8.5	6.17	Semi-Annually	Quarterly	Q4 2010	Q2 2011
	TDS (mg/L)	4400	4600	Semi-Annually	Quarterly	Q2 2012	Q3 2012
MW-32 (Class III)	Gross Alpha minus Rn & U (pCi/L)	3.33	5.4	Semi-Annually	Quarterly	Q2 2010	Q3 2010
	Chloride (mg/L)	35.39	36.3	Semi-Annually	Quarterly	Q2 2014 (Q1 2015	Q2 2014*
	Field pH (S.U.)	6.4 - 8.5	6.03	Semi-Annually	Quarterly	Q2 2010	Q3 2010

Notes:

[1] GWCL Values are taken from August 24, 2012 versions of the GWDP.

() Values listed in parentheses are resample results from the same sampling period. Sampled were recollected due field or laboratory problems as noted in the specific report for that sample period.

Highlighted text shows accelerated requirements resulting from Q1 2015 sampling event.

* Chloride exceeded the GWCL in Q2 2014. The exceedance was not reported in the groundwater program, but chlorde data were collected in MW-32 as part of the chloroform sampling program. No accelerated sampling data were lost. Chloride exceeded the GWCL in MW-32 in Q1 2015. The Q1 2015 data are reported above.

** Field pH in MW-35 was below the GWCL in the July 2011 monthly sampling event. The GWDP did not specify field pH limits for MW-35. Per a request from DRC, EFRI began using the GWQS for field pH in MW-35.

Eight consecutive samples have been collected below the GWCL. Pursuant to the DRC letter of March 25, 2015, these constituents will be returned to the routine sample frequency beginning in Q2 2015.

Table 3 – GWCL Exceedances for First Quarter 2015 under the August 24, 2012 GWDP

Q1 2010 Results					Q2 2010 Results						Q3 2010 Results						Q4 2010 Results					
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	Q1 2010 Sample Date	Q1 2010 Result	Q2 2010 Sample Date	Q2 2010 Result	May 2010 Monthly Sample Date	May 2010 Monthly Result	June 2010 Monthly Sample Date	June 2010 Monthly Result	July 2010 Monthly Sample Date	July 2010 Monthly Result	August 2010 Monthly Sample Date	August 2010 Monthly Result	Q3 2010 Sample Date	Q3 2010 Result	October 2010 Monthly Sample Date	October 2010 Monthly Result	Q4 2010 Sample Date	Q4 2010 Result	December 2010 Monthly Sample Date	December 2010 Monthly Result
Required Quarterly Sampling Wells																						
MW-11 (Class II)	Manganese (ug/L)	131.29	2/10/2010	***134***	4/28/2010	***137***	5/24/2010	122	6/16/2010	99	7/20/2010	123	8/25/2010	138	9/8/2010	128	10/20/2010	***141***	11/11/2010	***133***	12/15/10	***158***
MW-14 (Class III)	Field pH (S.U.)	6.5 - 8.5	2/2/2010	***6.45***	4/21/2010	***6.29***	5/21/2010	***6.36***	6/16/2010	***6.45***	7/20/2010	7.19	8/25/2010	***6.48***	9/8/2010	6.51	10/20/2010	6.60	11/10/2010	***6.37***	12/15/2010	***6.47***
MW-25 (Class III)	Field pH (S.U.)	6.5 - 8.5	2/3/2010	6.53	4/28/2010	7.2	NS	NA	NS	NA	NS	NA		NA	9/8/2010	6.58	NS	NA	11/10/2010	***6.36***	NS	NA
	Cadmium (ug/L)	1.5		1.26		1.44		NA		NA		NA		NA		1.4		NA		1.26		NA
	Uranium (ug/L)	6.5		5.93		6.43		NA		NA		NA		NA		***6.57***		NA		5.89		NA
MW-26 (Class III)	Nitrate + Nitrite (as N) (mg/L)	0.62	2/2/2010	***1.3***	4/22/2010	***2***	5/21/2010	0.3	6/16/2010	0.4	7/21/2010	0.6	8/16/2010	0.6	9/26/2010	***0.7***	10/20/2010	0.4	11/15/2010	0.2	12/15/2010	0.4
	Uranium (ug/L)	41.8		***58.7***		***66.7***		37.4		36.6		34.4		***71.8***		***72.7***		37.5		30.4		29.6
	Chloroform (ug/L)	70		***700***		***1700***		***800***		***940***		***900***		***2800***		***2100***		***1000***		***1900***		***1400***
	Chloride (mg/L)	58.31		***72***		57		***80***		47		52		49		***64***		52		48		52
	Carbon Tetrachloride (ug/L)	5		<1.0		<1.0		NA		<1.0		NA		NA		<1.0		NA		<1.0		NA
	Field pH (S.U.)	6.74 - 8.5		***6.59***		7.18		***6.36***		6.98		***6.45***		***6.39***		***6.60***		***6.61***		***6.49***		***6.45***
	Dichloromethane (Methylene Chloride) (ug/L)	5		1		***9.9***		NR		2.2		***12***		***24***		***45***		***5.5***		***16***		1.2
MW-30 (Class II)	Nitrate + Nitrite (as N) (mg/L)	2.5	2/9/2010	***16.1***	4/27/2010	***15.8***	5/21/2010	***17***	6/15/2010	***15.3***	7/21/2010	***16***	8/24/2010	***16***	9/14/2010 9/21/2010	***15***	10/19/2010	***15***	11/9/2010	***15***	12/14/2010	***16***
	Chloride (mg/L)	128		127		97		NA		NA	NS	NA	NS	NA		111		NA		126		NA
	Uranium (ug/L)	8.32		6.82		6.82		NA		NA	NS	NA	NS	NA		7.10		NA		6.64		NA
	Field pH (S.U.)	6.50		6.81		6.55		6.62		7.47	7/21/2010 7/27/2010	6.80 (6.82)	8/24/2010	6.73		6.80 (6.84)		6.77		6.75		6.65
	Ammonia (mg/L)	0.14		<0.05		<0.05		NA		NA	NS	NA	NS	NA		<0.05		NA		0.05		NA
	Selenium (ug/L)	34		32		***35.3***		NA		NA	7/27/2010	33.5	8/24/2010	***35.6***		32.6		32.4		32.2		30.5
MW-31 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5	2/9/2010	***21.7***	4/20/2010	***22.5***	5/21/2010	***23***	6/15/2010	***21.1***	7/21/2010	***20***	8/24/2010	***22***	9/13/2010 (9/21/10)	***21***	10/19/2010	***20***	11/9/2010	***20***	12/14/2010	***20***
	TDS (mg/L)	1320		1150		1220	NS	NA	NS	NA	NS	NA	NS	NA		***1330***	NS	NA		1320		NS
	Chloride (mg/L)	143		128		128	NS	NA	NS	NA	NS	NA	NS	NA		139	NS	NA		138		NS
	Selenium (ug/L)	71		60.8		59.6	NS	NA	NS	NA	NS	NA	NS	NA		64.4	NS	NA		60		NS
	Field pH (S.U.)	6.5 - 8.5		6.96		7.38	5/21/2010	6.95	6/15/2010	7.01	7/21/2010	7.80	8/24/2010	7.10		7.66 (7.13)	10/19/2010	6.92		6.98		6.95
	Sulfate (mg/L)	532		507		522	NS	NA	NS	NA	NS	NA	NS	NA		527	NS	NA		***539***		NS
MW-35 (Class II)	Manganese (ug/L)	200	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	11/30/2010	***698***	NS	NA
	Thallium (ug/l)	0.5		NA		NA		NA		NA		NA		NA		NA		NA		***1.14***		NA
	Gross Alpha minus Rn & U (pCi/L)	3.75		NA		NA		NA		NA		NA		NA		NA		NA		2.6		NA
	Field pH (S.U.)	6.5 - 8.5		NA		NA		NA		NA		NA		NA		NA		NA		7.46		NA
	Selenium (ug/L)	12.5		NA		NA		NA		NA		NA		NA		NA		NA		ND		NA
	Uranium (ug/L)	7.5		NA		NA		NA		NA		NA		NA		NA		NA		***27.2***		NA
Required Semi-Annual Sampling Wells																						
MW-01 (Class II)	Manganese (ug/L)	289	NS	NA	5/5/2010	212	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	11/18/2010	275	NS	NA
	Tetrahydrofuran (ug/L)	11.5		NA		7.8		NA		NA		NA		NA		NA		NA		10.7		NA
	Field pH (S.U.)	6.77 - 8.5		NA		7.86 (6.87)		NA		NA		NA		NA		NA		NA		6.96		NA
	Sulfate (mg/L)	838		NA		805		NA		NA		NA		NA		NA		NA		792		NA
MW-03 (Class III)	Selenium (ug/L)	37	NS	NA	5/3/2010	***37.2***	NS	NA	NS	NA	NS	NA	NS	NA	9/20/2010	35.5	NS	NA	11/19/2010	***38.8***	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		***6.14 (6.25)***		NA		NA		NA		NA		***6.39***		NA		***6.35***		NA
	Sulfate (mg/L)	3663		NA		3490		NA		NA		NA		NA		NA		NA		3430		NA
	Nitrate + Nitrite (as N) (mg/L)	0.73		NA		0.3		NA		NA		NA		NA		NA		NA		0.4		NA
	Fluoride (Mg/L)	0.68		NA		***0.71***		NA		NA		NA		NA		0.63		NA		***0.77***		NA
MW-3A (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	5/4/2010	***6.23 (6.24)***	NS	NA	NS	NA	NS	NA	NS	NA	9/21/2010	***6.42***	NS	NA	11/22/2010	***6.21***	NS	NA
	Sulfate (mg/L)	3640		NA		***3680***		NA		NA		NA		NA		3630		NA		***3850***		NA
	Nitrate + Nitrite (as N) (mg/L)	1.3		NA		1.0		NA		NA		NA		NA		NA		NA		1.2		NA
	TDS (mg/L)	5805		NA		***5860***		NA		NA		NA		NA		5470		NA		5330		NA
	Selenium (ug/L)	89		NA		81.4		NA		NA		NA		NA		NS		NA		***94.8***		NA
MW-05 (Class II)	Uranium (ug/L)	7.5	NS	NA	4/26/2010	0.39	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	11/11/2010	***11.6***	NS	NA
MW-12 (Class III)	Selenium (ug/L)	25	NS	NA	4/27/2010	***25.7***	NS	NA	NS	NA	NS	NA	NS	NA	9/20/2010	***31.9***	NS	NA	11/19/2010	***27.6***	NS	NA
	Field pH (S.U.)	6.5 - 8.5	NS	NA		7.16		NA		NA		NA		NA		6.62		NA		***6.47***		NA
MW-15 (Class III)	Selenium (ug/L)	128.7	NS	NA	4/21/2010	100	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	11/11/2010	99.5	NS	NA
	Field pH (S.U.)	6.62 - 8.5		NA		6.98		NA		NA		NA		NA		NA		NA		6.57		NA

			Q1 2010 Results		Q2 2010 Results					Q3 2010 Results											
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in Current GWDP	Q1 Sample Date	Q1 Result	Q2 Sample Date	Q2 Result	May Monthly Sample Date	May Monthly Result	June Monthly Sample Date	June Monthly Result	July Monthly Sample Date	July Monthly Result	August Monthly Sample Date	August Monthly Result	Q3 Sample Date	Q3 Result	October Monthly Sample Date	October Monthly Result	Q4 Sample Date	Q4 Result	December Monthly Sample Date	December Monthly Result
Required Semi-Annual Sampling Wells, continued																						
MW-18 (Class III)	Thallium (ug/l)	1.95	NS	NA	5/4/2010	***3.73***	NS	NA	NS	NA	NS	NA	NS	NA	9/15/2010	***3.64***	NS	NA	11/18/2010	***3.57***	NS	NA
	Sulfate (mg/L)	1938.9		NA		***1950***		NA		NA		NA		NA		1930		NA		1910		NA
	Field pH (S.U.)	6.25-8.5		NA		***6.2***		NA		NA		NA		NA		7.23		NA		6.37		NA
	TDS (mg/L)	3198.77		NA		***3280***		NA		NA		NA		NA		3190		NA		3030		NA
MW-19 (Class III)	Field pH (S.U.)	6.78-8.5	NS	NA	5/4/2010	***6.61 (6.66)***	NS	NA	NS	NA	NS	NA	NS	NA	9/15/2010	6.93	NS	NA	11/18/2010	6.8	NS	NA
	Gross Alpha minus Rn & U (pCi/L)	2.36		NA		0.9		NA		NA		NA		NA		NA		NA		1.2		NA
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		2.6		NA		NA		NA		NA		NA		NA		2.4		NA
MW-23 (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	4/22/2010	***6.18***	NS	NA	NS	NA	NS	NA	NS	NA	9/14/2010	7.05	NS	NA	11/22/2010	***6.44***	NS	NA
MW-24 (Class III)	Cadmium (ug/L)	2.5	NS	NA	5/6/2010	***4.28***	NS	NA	NS	NA	NS	NA	NS	NA	9/21/2010	***5.06***	NS	NA	11/17/2010	***3.22***	NS	NA
	Fluoride (mg/L)	0.36		NA		0.14		NA		NA		NA		NA		NA		NA		0.18		NA
	Sulfate (mg/L)	2903		NA		2560		NA		NA		NA		NA		NA		NA		2760		NA
	Thallium (ug/L)	1		NA		***1.3***		NA		NA		NA		NA		***1.57***		NA		***1.09***		NA
	Field pH (S.U.)	6.5 - 8.5		NA		***5.91 (5.78)***		NA		NA		NA		NA		6.64		NA		***6.1***		NA
MW-27 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5.6	NS	NA	5/3/2010	***5.8***	NS	NA	NS	NA	NS	NA	NS	NA	9/14/2010	***5.9***	NS	NA	11/12/2010	***5.7***	NS	NA
	Chloride (mg/L)	38		NA		***42***		NA		NA		NA		NA		***42***		NA		***45***		NA
	Sulfate (mg/L)	462		NA		***469***		NA		NA		NA		NA		461		NA		452		NA
	TDS (mg/L)	1075		NA		***1160***		NA		NA		NA		NA		1060		NA		***1110***		NA
	Gross Alpha minus Rn & U (pCi/L)	2		NA		1.6		NA		NA		NA		NA		NA		NA		***2.4***		NA
MW-28 (Class III)	Chloride (mg/L)	105	NS	NA	4/19/2010	***108***	NS	NA	NS	NA	NS	NA	NS	NA	9/14/2010	***106***	NS	NA	11/12/2010	***107***	NS	NA
	Cadmium (ug/L)	5.2		NA		4.20		NA		NA		NA		NA		NA		NA		4.11		NA
	Uranium (ug/L)	4.9		NA		3.36		NA		NA		NA		NA		NA		NA		3.45		NA
	Vanadium (ug/L)	30		NA		<15.0		NA		NA		NA		NA		NA		NA		<15.0		NA
	Field pH (S.U.)	6.1 - 8.5		NA		***5.67***		NA		NA		NA		NA		***5.91***		NA		***5.72***		NA
MW-29 (Class III)	TDS (mg/L)	4400	NS	NA	4/27/2010	4400	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	11/9/2010	4390	NS	NA
	Field pH (S.U.)	6.46 - 8.5		NA		6.82		NA		NA		NA		NA		NA		NA		***6.17***		NA
MW-32 (Class III)	Gross Alpha minus Rn & U (pCi/L)	3.33	NS	NA	4/20/2010	***4.5***	NS	NA	NS	NA	NS	NA	NS	NA	9/13/2010	2.9	NS	NA	11/10/2010	***8.8***	NS	NA
	Chloride (mg/L)	35.39		NA		30		NA		NA		NA		NA		NA		NA		35		NA
	Field pH (S.U.)	6.4 - 8.5		NA		***6.03***		NA		NA		NA		NA		***6.33***		NA		***6.05***		NA

Notes:

GWCL values are taken from August 24, 2012 version of GWDP.

NS = Not Required and Not Sampled

NA = Required and Not Sampled Applicable

Exceedances are shown in yellow

Values in () parentheses are the field pH measurements for the resampled analyses.

Table 3 – GWCL Exceedances for First Quarter 2015 under the August 24, 2012 GWDP

			Q1 2011 Results						Q2 2011 Results						Q3 2011 Results						Q4 2011 Results					
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	January 2011 Monthly Sample Date	January 2011 Monthly Sample Result	Q1 2011 Sample Date	Q1 2011 Result	March 2011 Monthly Sample Date	March 2011 Monthly Result	Q2 2011 Sample Date	Q2 2011 Result	May 2011 Monthly Sample Date	May 2011 Monthly Result	June 2011 Monthly Sample Date	June 2011 Monthly Result	July 2011 Monthly Sample Date	July 2011 Monthly Result	Q3 2011 Sample Date	Q3 2011 Result	September 2011 Monthly Sample Date	September 2011 Monthly Result	Q4 2011 Sample Date	Q4 2011 Result	November 2011 Monthly Sample Date	November 2011 Monthly Result	December 2011 Monthly Sample Date	December 2011 Monthly Result
Required Quarterly Sampling Wells																										
MW-11 (Class II)	Manganese (ug/L)	131.29	1/11/2011	121	2/2/2011	***145***	3/15/2011	68	4/4/2011	***148***	5/10/2011	***170***	6/15/2011	121	7/6/2011	***151***		118	9/7/2011	106	10/4/2011	112	11/9/2011	105	12/14/2011	100
MW-14 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/11/2011	***6.37***	2/7/2011	***6.22***	3/14/2011	6.76	4/4/2011	6.63	5/10/2011	***6.37***	6/15/2011	***5.83***	7/5/2011	***6.4***	8/3/2011	***6.23 (6.41)***	9/8/2011	6.50	10/4/2011	6.71 (6.82)	11/9/2011	6.63	12/12/2011	6.84
MW-25 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/11/2011	***6.44***	2/2/2011	6.66	3/15/2011	6.79	4/4/2011	6.7	5/11/2011	***6.1***	6/20/2011	***5.77***	7/6/2011	***6.29***	8/3/2011 8/30/11	***6.42 (6.54)***	9/7/2011	6.54	10/4/2011	6.6	11/9/2011	6.51	12/12/2011	6.87
	Cadmium (ug/L)	1.5		NA		1.34		NA		1.27		NA		NA		NA	8/30/2012	1.19		NA		1.27		NA		NA
	Uranium (ug/L)	6.5		***7.02***		4.77		***6.8***		5.56		***6.72***		***7.06***		***6.74***		6.37		5.96		5.27		***6.56***		6.1
MW-26 (Class III)	Nitrate + Nitrite (as N) (mg/L)	0.62	1/12/2011	0.2	2/16/2011	0.25	3/15/2011	0.6	4/1/2011	***0.8***	5/10/2011	0.4	6/20/2011	0.3	7/6/2011	***0.9***	8/3/2011 8/30/11	0.6	9/7/2011	***2.4***	10/12/2011	***0.9***	11/9/2011	***1.3***	12/14/2011	***2.3***
	Uranium (ug/L)	41.8		32		***69.3***		31.8		***60.2***		***57.4***		18.5		***57.1***		19.0		***56.1***		***58.9***		***55.6***		***57***
	Chloroform (ug/L)	70		***800***		***730***		***1200***		***390***		***1900***		***730***		***300***		***1000***		***1300***		***440***		***1200***		***1400***
	Chloride (mg/L)	58.31		52		***59***		***64***		***64***		54		39		***64***		***60***		***66***		***61***		55		***62***
	Carbon Tetrachloride (ug/L)	5		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0
	Field pH (S.U.)	6.74 - 8.5		6.83		***6.06***		6.89		***6.22***		***6.43***		***6.52***		***6.35***		***6.07 (6.58)***		***6.71***		6.82		6.75		7.1
	Dichloromethane (Methylene Chloride) (ug/L)	5		<1.0		***10***		***14***		3.1		***20***		***7***		2.4		***10***		***7.9***		2.6		***8.9***		***11***
MW-30 (Class II)	Nitrate + Nitrite (as N) (mg/L)	2.5	1/10/2011	***15***	2/1/2011	***16***	3/14/2011	***17***	4/11/2011	***16***	5/10/2011	***16***	6/20/2011	***17***	7/5/2011	***17***	8/3/2011	***14***	9/7/2011	***16***	10/4/2011 11/29/2011	***16***	11/8/2011	***16***	12/12/2011	***16***
	Chloride (mg/L)	128		NA		***134***		NA		***134***		128		127		127		126		***145***		***129***		122		124
	Uranium (ug/L)	8.32		NA		5.97		NA		6.49		NA		NA		NA		8		NA		***9.83***		NA		NA
	Field pH (S.U.)	6.50		6.65		6.96		7.10		6.83		6.70		***5.66***		6.65		6.61		6.80		6.96 (6.73)		6.83		7.14
	Ammonia (mg/L)	0.14		NA		0.05		NA		<0.05		NA		NA		NA		<0.05		NA		<0.05		NA		NA
	Selenium (ug/L)	34		***36.2***		***34.7***		***34***		***44.4***		***38.3***		***38.7***		32.4		***39.7***		32.4		***36.6***		***36.8***		***38***
MW-31 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5	1/10/2011	***19***	2/1/2011	***21***	3/14/2011	***22***	4/1/2011	***21***	5/10/2011	***20***	6/20/2011	***22***	7/5/2011	***22***	8/2/2011	***20***	9/6/2011	***21***	10/3/2011	***21***	11/8/2011 (11/29/12)	***21***	12/12/2011	***21***
	TDS (mg/L)	1320		1240		1220		1250		***1370***		1290		***1330***		1280		1300		1300		1320		1290		***1330***
	Chloride (mg/L)	143		NS		***145***		NA		143		143		***145***		***148***		***148***		***148***		***145***		***145***		***148***
	Selenium (ug/L)	71		NS		64.6		NA		65.2		NS		NS		NS		66.2		NS		68.8		NS		NS
	Field pH (S.U.)	6.5 - 8.5		6.65		7.21		7.43		7.01		6.73		***6.16!***		6.64		6.67		7.03		7.28		7.01 (7.34)		7.46
	Sulfate (mg/L)	532		NS		***538***		531		503		512		***540***		532		***537***		***541***		***539***		***552***		530
MW-35 (Class II)	Manganese (ug/L)	200	NS	NA	2/15/2011	***248***	NS	NA	6/7/2011	***369***	NS	NA	NS	NA	7/20/11	***348***	8/30/2011	***267***	9/7/11	***270***	10/3/11	***271***	11/8/2011	***283***	12/14/11	***247***
	Thallium (ug/l)	0.5		NA		< 0.50		NA		< 0.50		NA		NA		NA		***0.52***		NA		***0.57***		< 0.50		***0.63***
	Gross Alpha minus Rn & U (pCi/L)	3.75		NA		2.6		NA		3.7		NA		NA		NA		***4.5***		NA		***4.4***		***4.7***		***4.2***
	Field pH (S.U.)	6.5 - 8.5		NA		7.17		NA		7.31		NA		NA		***6.49***		***6.40***		***6.47***		6.59		6.51		6.90
	Selenium (ug/L)	12.5		NA		ND		NA		ND		NA		NA		NA		9.3		NA		10.5		NA		NA
	Uranium (ug/L)	7.5		NA		***12.7***		NA		***21.7***		NA		NA		***24.2***		***18.3***		***22.3***		***20.1***		***24***		***23.6***
Required Semi-Annual Sampling Wells																										
MW-01 (Class II)	Manganese (ug/L)	289	NS	NA	NS	NA	NS	NA	4/11/2011	218	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	10/11/2011	206	NS	NA	NS	NA
	Tetrahydrofuran (ug/L)	11.5		NA		NA		NA	4/19/2011	10.7		NA		NA		NA		NA		NA		7.82		NA		NA
	Field pH (S.U.)	6.77 - 8.5		NA		NA		NA	4/11/2011	7.06 (7.67)		NA		NA		NA		NA		NA		7.08 (7.51)		NA		NA
	Sulfate (mg/L)	838		NA		NA		NA	4/11/2011	704		NA		NA		NA		NA		NA		713		NA		NA
MW-03 (Class III)	Selenium (ug/L)	37	NS	NA	2/15/2011	***40.5***	NS	NA	4/13/2011	***45.4***	NS	NA	NS	NA	NS	NA	8/10/2011	***46***	NS	NA	10/10/2011	***46.7***	NS	NA	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		***6.09***		NA		***6.46***		NA		NA		NA		***6.32***		NA		6.53 (6.83)		NA		NA
	Sulfate (mg/L)	3663		NA		NA		NA		3060		NA		NA		NA		NA		NA		3470		NA		NA
	Nitrate + Nitrite (as N) (mg/L)	0.73		NA		NA		NA		0.3		NA		NA		NA		NA		NA		0.3		NA		NA
	Fluoride (Mg/L)	0.68		NA		***0.69***		NA		0.68		NA		NA		NA		***0.96***		NA		***0.91***		NA		NA
MW-03A (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	2/16/2011	***6.05***	NS	NA	4/13/2011	6.58	NS	NA	NS	NA	NS	NA	8/11/2011	***6.19***	NS	NA	10/11/2011	6.5 (6.92)	NS	NA	NS	NA
	Sulfate (mg/L)	3640		NA		***3730***		NA		3350		NA		NA		NA		3560		NA		***3750***		NA		NA
	Nitrate + Nitrite (as N) (mg/L)	1.3		NA		NA		NA		1.2		NA		NA		NA		NA		NA		1.1		NA		NA
	TDS (mg/L)	5805		NA		5770		NA		5720		NA		NA		NA		***5810***		NA		5630		NA		NA
	Selenium (ug/L)	89		NA		***99***		NA		85.8		NA		NA		NA		88.5		NA		***95***		NA		NA
MW-05 (Class II)	Uranium (ug/L)	7.5	NS	NA	2/14/2011	***29.5***	NS	NA	4/12/2011	7.16	NS	NA	NS	NA	NS	NA	8/9/2011	0.5	NS	NA	10/10/2011	4.52	NS	NA	NS	NA
MW-12 (Class III)	Selenium (ug/L)	25	NS	NA	2/15/2011	***39.0***	NS	NA	4/5/2011	21.7	NS	NA	NS	NA	NS	NA	8/9/2011	***25.4***	NS	NA	10/6/2011	***35.4***	NS	NA	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		***6.43***		NA		6.67		NA		NA		NA		***6.13***		NA		6.7 (6.97)		NA		NA
MW-15 (Class III)	Selenium (ug/L)	128.7	NS	NA	NS	NA	NS	NA	4/12/2011	116	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	10/10/2011	112	NS	NA	NS	NA
	Field pH (S.U.)	6.62 - 8.5		NA		NA		NA		6.88		NA		NA		NA		NA		NA		6.70		NA		NA

			Q1 2011 Results						Q2 2011 Results						Q3 2011 Results						Q4 2011 Results					
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in Current GWDP	January 2011 Monthly Sample Date	January 2011 Monthly Sample Result	Q1 2011 Sample Date	Q1 2011 Result	March 2011 Monthly Sample Date	March 2011 Monthly Sample Result	Q2 2011 Sample Date	Q2 2011 Result	May 2011 Monthly Sample Date	May 2011 Monthly Sample Result	June 2011 Monthly Sample Date	June 2011 Monthly Sample Result	July 2011 Monthly Sample Date	July 2011 Monthly Sample Result	Q3 2011 Sample Date	Q3 2011 Result	September 2011 Monthly Sample Date	September 2011 Monthly Result	Q4 2011 Sample Date	Q4 2011 Result	November 2011 Monthly Sample Date	November 2011 Monthly Result	December 2011 Monthly Sample Date	December 2011 Monthly Result
Required Semi-Annual Sampling Wells, continued																										
MW-18 (Class III)	Thallium (ug/l)	1.95	NS	NA	2/15/2011	***3.49***	NS	NA	4/6/2011	***3.74***	NS	NA	NS	NA	NS	NA	8/10/2011 9/21/11	***4.0 3.39***	NS	NA	10/11/2011	***3.83***	NS	NA	NS	NA
	Sulfate (mg/L)	1938.9		NA		1770		NA		1780		NA		NA		NA		1910		NA		***2020***		NA		NA
	Field pH (S.U.)	6.25-8.5		NA		6.27		NA		6.71		NA		NA		NA		***5.95 (6.30)***		NA		6.55 (6.63)		NA		NA
	TDS (mg/L)	3198.77		NA		***3250***		NA		***3250***		NA		NA		NA		3190		NA		***3220***		NA		NA
MW-19 (Class III)	Field pH (S.U.)	6.78-8.5	NS	NA	2/21/2011	6.78	NS	NA	4/5/2011	7.03	NS	NA	NS	NA	NS	NA	7/20/3011	***6.65***	NS	NA	10/12/2011	6.88 (7.02)	NS	NA	NS	NA
	Gross Alpha minus Rn & U (pCi/L)	2.36		NA		NA		NA		0.5		NA		NA		NA		NA		NA		0.6		NA		NA
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		NS		NA		2.6		NA		NA		NA		NS		NA		***4.0***		NA		NA
MW-23 (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	2/9/2011	***6.13***	NS	NA	4/5/2011	7.14	NS	NA	NS	NA	NS	NA	8/4/2011	***6.38***	NS	NA	10/6/2011	6.56 (6.77)	NS	NA	NS	NA
MW-24 (Class III)	Cadmium (ug/L)	2.5	NS	NA	2/10/2011	***2.78***	NS	NA	4/5/2011	***2.61***	NS	NA	NS	NA	NS	NA	8/4/2011	1.46	NS	NA	10/11/2011	1.78	NS	NA	NS	NA
	Fluoride (mg/L)	0.36		NA		NA		NA		0.19		NA		NA		NA		NA		NA		0.36		NA		NA
	Sulfate (mg/L)	2903		NA		NA		NA		2560		NA		NA		NA		NA		NA		2500		NA		NA
	Thallium (ug/L)	1		NA		***1.42***		NA		***1.07***		NA		NA		NA		<0.50		NA		0.62		NA		NA
	Field pH (S.U.)	6.5 - 8.5		NA		*5.73*		NA		***6.12***		NA		NA		NA		***6.45***		NA		***6.44***		NA		NA
MW-27 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5.6	NS	NA	2/9/2011	***6***	NS	NA	4/5/2011	***6.4***	NS	NA	NS	NA	NS	NA	8/8/2011	***6***	NS	NA	10/5/2011	***6.3***	NS	NA	NS	NA
	Chloride (mg/L)	38		NA		***46***		NA		***43***		NA		NA		NA		***43***		NA		***44***		NA		NA
	Sulfate (mg/L)	462		NA		455		NA		442		NA		NA		NA		424		NA		456		NA		NA
	TDS (mg/L)	1075		NA		***1090***		NA		***1190***		NA		NA		NA		***1090***		NA		***1110***		NA		NA
	Gross Alpha minus Rn & U (pCi/L)	2		NA		0.7		NA		1.1		NA		NA		NA		0.8		NA		1.5		NA		NA
MW-28 (Class III)	Chloride (mg/L)	105	NS	NA	2/14/2011	***114***	NS	NA	4/11/2011	***109***	NS	NA	NS	NA	NS	NA	8/8/2011	105	NS	NA	10/5/2011	***143***	NS	NA	NS	NA
	Cadmium (ug/L)	5.2		NA		NA		NA		4.13		NA		NA		NA		NA		NA		3.99		NA		NA
	Uranium (ug/L)	4.9		NA		NA		NA		3.29		NA		NA		NA		NA		NA		3.19		NA		NA
	Vanadium (ug/L)	30		NA		NA		NA		<15.0		NA		NA		NA		NA		NA		<15.0		NA		NA
	Field pH (S.U.)	6.1 - 8.5		NA		***5.69***		NA		***6.01***		NA		NA		NA		***5.78***		NA		***6.07*** (6.11)		NA		NA
MW-29 (Class III)	TDS (mg/L)	4400	NS	NA	NS	NA	NS	NA	4/18/2011	4080	NS	NA	NS	NA	NS	NA	8/9/2011	NA	NS	NA	10/5/2011	4280	NS	NA	NS	NA
	Field pH (S.U.)	6.46 - 8.5		NA	NS	NA		NA		***6.45***		NA		NA		NA		***6.20***		NA		6.52		NA		NA
MW-32 (Class III)	Gross Alpha minus Rn & U (pCi/L)	3.33	NS	NA	2/9/2011	1.5	NS	NA	4/1/2011	***4.6***	NS	NA	NS	NA	NS	NA	8/2/2011 8/30/11	1.9	NS	NA	10/3/2011	***3.7***	NS	NA	NS	NA
	Chloride (mg/L)	35.39		NA		NA		NA		33		NA		NA		NA		NA		NA		34		NA		NA
	Field pH (S.U.)	6.4 - 8.5		NA		***5.99***		NA		***6.14***		NA		NA		NA		***6.10 (6.20)***		NA		***6.35***		NA		NA

Notes:

GWCL values are taken from August 24, 2012 version of GWDP.

NS = Not Required and Not Sampled

NA = Not Applicable

Exceedances are shown in yellow

Values in () parentheses are the field pH measurements for the resampled analyses.

Table 3 – GWCL Exceedances for First Quarter 2015 under the August 24, 2012 GWDP

			Q1 2012 Results						Q2 2012 Results						Q3 2012 Results						Q4 2012 Results					
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	January 2012 Monthly Sample Date	January 2012 Monthly Result	Q1 2012 Sample Date	Q1 2012 Result	March 2012 Monthly Sample Date	March 2012 Monthly Result	April 2012 Monthly Sample Date	April 2012 Monthly Result	Q2 2012 Sample Date	Q2 2012 Result	June 2012 Monthly Sample Date	June 2012 Monthly Result	Q3 2012 Sample Date	Q3 2012 Result	August 2012 Monthly Sample Date	August 2012 Monthly Result	September 2012 Monthly Sample Date	September 2012 Monthly Result	October 2012 Monthly Sample Date	October 2012 Monthly Result	Q4 2012 Sample Date	Q4 2012 Result	December 2012 Monthly Sample Date	December 2012 Monthly Result
Required Quarterly Sampling Wells																										
MW-11 (Class II)	Manganese (ug/L)	131.29	1/26/2012	102	2/13/2012	***154***	3/13/2012	121	4/10/2012	***132***	5/8/2012	127	6/19/2012	122	7/11/2012	***135***	8/7/2012	***166***	9/19/2012	130	10/23/2012	***161***	11/12/2012	***138***	12/24/2012	***137***
MW-14 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/24/2012	***6.36***	2/21/2012	6.57	3/14/2012	6.51	4/12/2012	6.97	5/9/2012	6.73	6/19/2012	6.90	7/11/2012	6.89	8/7/2012	6.58	9/18/2012	7.08	10/23/2012	6.83	11/27/2012	6.52	12/18/2012	6.60
MW-25 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/25/2012	6.63	2/14/2012	6.83	3/14/2012	6.55	4/9/2012	6.58	5/2/2012	6.73	6/18/2012	6.99	7/10/2012	6.88	8/6/2012	6.55	9/18/2012	6.54	10/22/2012	6.54	11/12/2012	***6.47***	12/24/2012	6.62
	Cadmium (ug/L)	1.5		NA		1.31		NA		NA		1.33		NA		1.24		NA		NA		NA		***1.56***		NA
	Uranium (ug/L)	6.5		***6.6***		6.5		***6.93***		***6.52***		5.90		***7.6***		6.45		***6.72***		6.01		6.37		***6.61***		4.83
MW-26 (Class III)	Nitrate + Nitrite (as N) (mg/L)	0.62	1/25/2012	***1.9***	2/15/2012	***1.2***	3/14/2012	***3***	4/11/2012	***3.4***	5/7/2012 6/26/2012	***2.9***	6/19/2012	***2.3***	7/11/2012	***1.9***	8/8/2012	***1.6***	9/19/2012	***1.8***	10/24/2012	***3.5***	11/15/2012	0.55	12/24/2012	***1.46***
	Uranium (ug/L)	41.8		***64.6***	2/21/2012	***59.4***		31.2		***42.2***		18.2		***66.0***		28.4		***67.4***		***64.9***		26.9		***56.8***		***51.3***
	Chloroform (ug/L)	70		***1900***	2/15/2012	***3300***		***2900***		***2900***		***1700***		***2400***	8/16/2012	***970***		***2200***		***2300***		***4720***		***4020***		***1250***
	Chloride (mg/L)	58.31		***68***		40		***74***		***82***		***74***		***85***	7/11/2012	***78***		***78***		***67***		2.62		52.9		***65.9***
	Carbon Tetrachloride (ug/L)	5		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	8/16/2012	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0
	Field pH (S.U.)	6.74 - 8.5		***6.59***	2/15/2012 2/21/2012 3/8/2012	***6.72*** (6.91) (***6.71***)		***6.39***		6.88		7.00 (7.01)		7.00	7/11/2012 8/16/2012	7.10 (6.80)		***6.60***		7.40		***6.63***		***6.60***		6.78
	Dichloromethane (Methylene Chloride) (ug/L)	5		***13***	2/15/2012	***24***		***27***		***20***		***10***		***16***	8/16/2012	4.9		***17***		***9.8***		***15.0***		***34.6***		***5.5***
MW-30 (Class II)	Nitrate + Nitrite (as N) (mg/L)	2.5	1/24/2012	***17***	2/14/2012	***17***	3/14/2012	***18***	4/10/2012	***17***	5/2/2012	***16***	6/18/2012	***15***	7/10/2012	***17***	8/7/2012	***18***	9/19/2012	***16***	10/23/2012	***16.2***	11/13/2012	***18.5***	12/26/2012	***17.2***
	Chloride (mg/L)	128		124		126		128		128		124		***131***		128		***139***		***130***		***135***		114		122
	Uranium (ug/L)	8.32	NS	NA		7.42		***8.38***		7.84		6.81		7.8		7.64		8.04		7.67		7.86		7.03		5.80
	Field pH (S.U.)	6.50	1/24/2012	6.52		7.12		6.86		7.05		6.95		7.10		7.25		6.95		7.85		6.80		6.67		6.95
	Ammonia (mg/L)	0.14	NS	NA		<0.05		NA		NA		<0.05		NA		<0.05		NA		NA		NA		<0.05		NA
	Selenium (ug/L)	34	1/24/2012	33.3		***35***		***39.5***		***39.1***		32.3		***37***		***38.5***		***38.4***		***41.9***		***45.2***		***36***		31.6
MW-31 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5	1/24/2012	***21***	2/13/2012	***21***	3/13/2012	***22***	4/9/2012	***21***	5/2/2012	***20***	6/18/2012 6/29/2012	***21.6***	7/9/2012	***21***	8/6/2012	***21***	9/18/2012	***21***	10/22/2012	***18***	11/6/2012	***23.6***	12/18/2012	***22.2***
	TDS (mg/L)	1320		***1360***		1240		***1400***		***1380***		***1410***		***1460***		***1400***		***1400***		***1460***		1320		1230		1270
	Chloride (mg/L)	143		***155***		***150***		***152***		***160***		***151***		138		***161***		***175***		***172***		***157***		***189***		***170***
	Selenium (ug/L)	71		***NS***		67.8		NS		NS		70.2		NA		***74***		NA		NA		NA		***76.9***		NA
	Field pH (S.U.)	6.5 - 8.5		6.78		7.37		7.13		7.14		7.19		7.28 (7.63)		7.53		6.96		7.1		7.05		7.04		7.10
	Sulfate (mg/L)	532		***539***		***538***		517		***547***		532		497		529		***571***		***561***		***545***		***557***		***664***
MW-35 (Class II)	Manganese (ug/L)	200	1/24/2012	***264***	2/14/2012	***253***	3/13/2012	***269***	4/10/2012	***277***	5/2/2012	***258***	6/19/2012	***304***	7/10/2012	***272***	8/8/2012	***273***	9/19/2012	***283***	10/23/2012	***253***	11/13/2012	***241***	12/18/2012	***240***
	Thallium (ug/l)	0.5		< 0.50		***0.65***		***0.71***		***0.59***		***0.66***		< 0.50		***0.57***		***0.61***		***0.54***		***0.517***		***0.554***		0.5
	Gross Alpha minus Rn & U (pCi/L)	3.75		***6.5***		***4.1***		***6.2***		***4.1***		***4.5***		***4.9***		3.5		***4.2***		***5.4***		***4.31***		***4.23***		***6.5***
	Field pH (S.U.)	6.5 - 8.5		***6.35***		6.67		***6.48***		6.84		6.61		6.90		6.87		6.74		6.81		***6.43***		6.50		6.60
	Selenium (ug/L)	12.5		NA		***19.7***		NA		NA		11.4		7.0		***15.9***		***18.8***		8.2		***19.0***		***15.4***		12.1
	Uranium (ug/L)	7.5		***16.1***		***24.7***		***24.9***		***22.4***		***22.2***		***22.5***		***24.5***		***26.2***		***22.9***		***22.4***		***21.8***		***21***
Required Semi-Annual Sampling Wells																										
MW-01 (Class II)	Manganese (ug/L)	289	NS	NA	NS	NA	NS	NA	NS	NA	5/1/2012	176	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	11/27/2012	***315***	NS	NA
	Tetrahydrofuran (ug/L)	11.5		NA		NA		NA		NA		10.3		NA		NA		NA		NA		NA		***21.8***		NA
	Field pH (S.U.)	6.77 - 8.5		NA		NA				NA		7.19		NA		NA		NA		NA		NA		6.98		NA
	Sulfate (mg/L)	838		NA		NA		NA		NA		659		NA		NA		NA		NA		NA		***846***		NA
MW-03 (Class III)	Selenium (ug/L)	37	NS	NA	2/29/2012	***43.1***	NS	NA	NS	NA	5/14/2012	***52.8***	NS	NA	7/18/2012	***51.1***	NS	NA	NS	NA	NS	NA	11/28/2012	***58.9***	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		6.63		NA		NA		6.67		NA		6.99		NA		NA		NA		6.55		NA
	Sulfate (mg/L)	3663		NA		NA		NA		NA		3140		NA		NA		NA		NA		NA		2340		NA
	Nitrate + Nitrite (as N) (mg/L)	0.73		NA		NA		NA		NA		0.4		NA		NA		NA		NA		NA		0.419		NA
	Fluoride (Mg/L)	0.68		NA		***0.86***		NA		NA		***1.04***		NA		***0.96***		NA		NA		NA		***1.26***		NA
MW-03A (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	3/1/2012	***6.46***	NS	NA	NS	NA	5/15/2012	6.68	NS	NA	7/19/2012	7.01	NS	NA	NS	NA	NS	NA	11/29/2012	***6.35***	NS	NA
	Sulfate (mg/L)	3640		NA		3020		NA		NA		3220		NA		***3700***		NA		NA		NA		2780		NA
	Nitrate + Nitrite (as N) (mg/L)	1.3		NA		NA		NA		NA		1.1		NA		NA		NA		NA		NA		***1.31***		NA
	TDS (mg/L)	5805		NA		5690		NA		NA		5730		NA		5720		NA		NA		NA		5610		NA
	Selenium (ug/L)	89		NA		65.8		NA		NA		85.1		NA		***99.3***		NA		NA		NA		***111***		NA
MW-05 (Class II)	Uranium (ug/L)	7.5	NS	NA	2/28/2012	***18.6***	NS	NA	NS	NA	5/9/2012	1.23	NS	NA	7/16/2012	0.75	NS	NA	NS	NA	NS	NA	11/27/2012	0.402	NS	NA
MW-12 (Class III)	Selenium (ug/L)	25	NS	NA	2/29/2012	NA	NS	NA	NS	NA	5/10/2012	19.6	NS	NA	7/17/2012	20.7	NS	NA	NS	NA	NS	NA	11/27/2012	23.0	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		6.81		NA		NA		6.91		NA		6.98		NA		NA		NA		6.54		NA
MW-15 (Class III)	Selenium (ug/L)	128.7	NS	NA	2/22/2012	NA	NS	NA	NS	NA	5/9/2012	***152***	NS	NA	7/17/2012	120	NS	NA	NS	NA	NS	NA	11/14/2012	117	NS	NA
	Field pH (S.U.)	6.62 - 8.5		NA		6.84		NA		NA		6.63		NA		7.05		NA		NA		NA		6.86		NA

Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in Current GWDP	Q1 2012 Results						Q2 2012 Results						Q3 2012 Results						Q4 2012 Results					
			January 2012 Monthly Sample Date	January 2012 Monthly Result	Q1 2012 Sample Date	Q1 2012 Result	March 2012 Monthly Sample Date	March 2012 Monthly Result	April 2012 Monthly Sample Date	April 2012 Monthly Result	Q2 2012 Sample Date	Q2 2012 Result	June 2012 Monthly Sample Date	June 2012 Monthly Result	Q3 2012 Sample Date	Q3 2012 Result	August 2012 Monthly Sample Date	August 2012 Monthly Result	September 2012 Monthly Sample Date	September 2012 Monthly Result	October 2012 Monthly Sample Date	October 2012 Monthly Result	Q4 2012 Sample Date	Q4 2012 Result	December 2012 Monthly Sample Date	December 2012 Monthly Result
Required Semi-Annual Sampling Wells, continued																										
MW-18 (Class III)	Thallium (ug/l)	1.95	NS	NA	2/27/2012	***3.63***	NS	NA	NS	NA	4/30/2012	***3.51***	NS	NA	7/18/2012	***3.73***	NS	NA	NS	NA	NS	NA	11/26/2012	***3.2***	NS	NA
	Sulfate (mg/L)	1938.9		NA		1920		NA		NA		1790		NA		1900		NA		NA			1210		NA
	Field pH (S.U.)	6.25-8.5		NA		6.6		NA		NA		6.59		NA		6.64		NA		NA			6.51		NA
	TDS (mg/L)	3198.77		NA		***3230***		NA		NA		***3280***		NA		***3220***		NA		NA			3160		NA
MW-19 (Class III)	Field pH (S.U.)	6.78-8.5	NS	NA	2/28/2012	6.83	NS	NA	NS	NA	5/16/2012	6.86	NS	NA	7/19/2012	7.21	NS	NA	NS	NA	NS	NA	12/13/2012	***6.71***	NS	NA
	Gross Alpha minus Rn & U (pCi/L)	2.36		NA		NA		NA		NA		0.9		NA		NA		NA		NA			***4.86***		NA
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		***3.9***		NA		NA		***3.7***		NA		***4***		NA		NA			***3.96***		NA
MW-23 (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	2/20/2012	6.61	NS	NA	NS	NA	5/16/2012	6.74	NS	NA	7/17/2012	7.10	NS	NA	NS	NA	NS	NA	12/5/2012	6.61	NS	NA
MW-24 (Class III)	Cadmium (ug/L)	2.5	NS	NA	2/23/2012	2.25	NS	NA	NS	NA	5/10/2012	2.01	NS	NA	7/18/2012	***4.7***	NS	NA	NS	NA	NS	NA	11/29/2012	1.35	NS	NA
	Fluoride (mg/L)	0.36		NA		NA		NA		NA		0.14		NA		NA		NA		NA			***0.558***		NA
	Sulfate (mg/L)	2903		NA		NA		NA		NA		2490		NA		NA		NA		NA			2310		NA
	Thallium (ug/L)	1		NA		0.96		NA		NA		0.74		NA		***1.36***		NA		NA			0.666		NA
	Field pH (S.U.)	6.5 - 8.5		NA		***6.03***		NA		NA		***6.28***		NA		***6.45***		NA		NA			***6.01***		NA
MW-27 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5.6	NS	NA	2/28/2012	***6.4***	NS	NA	NS	NA	5/1/2012	***6.2***	NS	NA	7/16/2012	***6.7***	NS	NA	NS	NA	NS	NA	11/13/2012	***6.9***	NS	NA
	Chloride (mg/L)	38		NA		***45***		NA		NA		***46***		NA		***47***		NA		NA			***44.2***		NA
	Sulfate (mg/L)	462		NA		451		NA		NA		446		NA		453		NA		NA			451		NA
	TDS (mg/L)	1075		NA		***1140***		NA		NA		***1170***		NA		***1150***		NA		NA			1070		NA
	Gross Alpha minus Rn & U (pCi/L)	2		NA		***2.3***		NA		NA		0.8		NA		1.2		NA		NA			1.33		NA
MW-28 (Class III)	Chloride (mg/L)	105	NS	NA	2/28/2012	***109***	NS	NA	NS	NA	5/8/2012	***114***	NS	NA	7/16/2012 8/1/2012	105	NS	NA	NS	NA	NS	NA	11/14/2012	***118***	NS	NA
	Cadmium (ug/L)	5.2		NA		NA		NA		NA		3.85		NA	NS	NA		NA		NA			4.37		NA
	Uranium (ug/L)	4.9		NA		NA		NA		NA		3.44		NA	NS	NA		NA		NA			3.45		NA
	Vanadium (ug/L)	30		NA		NA		NA		NA		<15.0		NA	NS	NA		NA		NA			<15.0		NA
	Field pH (S.U.)	6.1 - 8.5		NA		6.22		NA		NA		6.15		NA	7/16/2012 8/1/2012	***6.38 (5.81)***		NA		NA			***5.98***		NA
MW-29 (Class III)	TDS (mg/L)	4400	NS	NA	2/22/2012	NA	NS	NA	NS	NA	5/8/2012	***4600***	NS	NA	8/1/2012	***4420***	NS	NA	NS	NA	NS	NA	11/14/2012	***4430***	NS	NA
	Field pH (S.U.)	6.46 - 8.5		NA		7.12		NA		NA		6.47		NA	7/16/2012 8/1/2012	***6.68 (6.45)***		NA		NA			6.48		NA
MW-32 (Class III)	Gross Alpha minus Rn & U (pCi/L)	3.33	NS	NA	2/21/2012	1.8	NS	NA	NS	NA	4/30/2012	2.4	NS	NA	7/9/2012	1.4	NS	NA	NS	NA	NS	NA	11/6/2012	2.97	NS	NA
	Chloride (mg/L)	35.39		NA		NA		NA		NA		33		NA		1.4		NA		NA			32.1		NA
	Field pH (S.U.)	6.4 - 8.5		NA		6.57		NA		NA		6.40		NA		6.72		NA		NA			***6.23***		NA

Notes:

GWCL values are taken from August 24, 2012 version of GWDP.

NS = Not Required and Not Sampled

NA = Required and Not Available

Exceedances are shown in yellow

Values in () parentheses are the field pH measurements for the resampled analyses.

Table 3 – GWCL Exceedances for First Quarter 2015 under the August 24, 2012 GWDP

Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	Q1 2013 Results						Q2 2013 Results						Q3 2013 Results						Q4 2013 Results					
			January 2013 Monthly Sample Date	January 2013 Monthly Result	Q1 2013 Sample Date	Q1 2013 Result	March 2013 Monthly Sample Date	March 2013 Monthly Result	April 2013 Monthly Sample Date	April 2013 Monthly Result	Q2 2013 Sample Date	Q2 2013 Result	June 2013 Monthly Sample Date	June 2013 Monthly Result	Q3 2013 Sample Date	Q3 2013 Result	August 2013 Monthly Sample Date	August 2013 Monthly Result	September 2013 Monthly Sample Date	September 2013 Monthly Result	October 2013 Monthly Sample Date	October 2013 Monthly Result	Q4 2013 Sample Date	Q4 2013 Result	December 2013 Monthly Sample Date	December 2013 Monthly Result
Required Quarterly Sampling Wells																										
MW-11 (Class II)	Manganese (ug/L)	131.29	1/23/2013	115	2/20/2013	***139***	3/20/2013	***164***	4/16/2013	***181***	5/14/2013	***144***	6/25/2013	***135***	7/10/2013	***138***	8/20/2013	***158***	9/18/2013	***134***	10/22/2013	129	11/19/2013	***152***	12/18/2013	***196***
MW-14 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/23/2013	***6.48***	2/26/2013	6.52	3/20/2013	***6.48***	4/16/2013	7.58	5/14/2013	7.39	6/25/2013	6.54	7/11/2013	***6.47***	8/20/2013	6.86	9/19/2013	***6.48***	10/22/2013	6.77	11/20/2013	6.51	12/18/2013	6.74
MW-25 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/22/2013	6.65	2/20/2013	6.62	3/19/2013	***6.41***	4/17/2013	7.00	5/14/2013	7.19	6/24/2013	6.61	7/10/2013	***6.32***	8/19/2013	6.74	9/17/2013	6.54	10/22/2013	6.81	11/19/2013	6.62	12/17/2013	6.73
	Cadmium (ug/L)	1.5		NA		1.35		1.40		1.36		***1.52***		1.31		1.41		***1.57***		1.31		1.50		1.35		1.23
	Uranium (ug/L)	6.5		5.97		5.39		5.68		5.56		5.88		5.35		6.22		6.42		5.99		5.94		***7.13***		NA
MW-26 (Class III)	Nitrate + Nitrite (as N) (mg/L)	0.62	1/24/2013	***1.66***	2/20/2013	***1.38***	3/20/2013	***1.61***	4/17/2013	***1.73***	5/23/2013	***2.01***	6/5/2013 6/25/2013	***3.04 2.11****	7/11/2013	***1.98***	8/20/2013	***1.77***	9/18/2013	***3.60***	10/23/2013	***4.10***	11/20/2013	***1.38***	12/18/2013	***2.56***
	Uranium (ug/L)	41.8		***65.7***		***57.8***		***69***		***58.8***		***64.3***		***71.3***		***70***		***72.3***		19.9		***58.8***		***75.8***		***70.4***
	Chloroform (ug/L)	70		***1270***		***1500***		***1340***		***1680***		***1210***		***4030****		***2410***		***2110***		***4170***		***3420***		***1220***		***1680***
	Chloride (mg/L)	58.31		***63.5***		***77***		***73.6***		***70.4***		***63.1***		***87.8 77.9****		***72.1***		***70.8***		***77.3***		***63.8***		***62.3***		***65.7***
	Carbon Tetrachloride (ug/L)	5		NA		3.15		NA		NA		<1.0		<1.0		<1.0		NA		NA		NA		<1.0		NA
	Field pH (S.U.)	6.74 - 8.5		***6.51***		***6.71***		***6.70***		6.96		7.31		6.85		***6.43***		7.41		***6.71***		6.82		6.83		6.93
	Dichloromethane (Methylene Chloride) (ug/L)	5		***6.49***		***5.53***		***8.31***		***10.2***		4.07		***52.4* [12.1]***		***14.2***		***14.6***		***42.4***		***29.8***		***7.64***		***7.48***
MW-30 (Class II)	Nitrate + Nitrite (as N) (mg/L)	2.5	1/23/2013	***19.2***	2/26/2013	***21.4***	3/20/2013	***14.3***	4/17/2013	***16.8***	5/15/2013	***18.8***	6/25/2013	***16.1***	7/10/2013	***17.6***	8/20/2013	***16.4***	9/18/2013	***16.9***	10/22/2013	***19.7***	11/20/2013	***19.5***	12/18/2013	***20.7***
	Chloride (mg/L)	128		128		***129***		126		117		119		127		***130***		126		***131***		***128***		124		***134***
	Uranium (ug/L)	8.32		***8.36***		7.4		6.85		7.08		6.31		8.22		7.48		7.07		7.00		6.91		***8.57***		NA
	Field pH (S.U.)	6.50		6.88		6.93		6.91		7.42		7.54		6.93		6.87		7.06		6.78		6.96		6.84		7.10
	Ammonia (mg/L)	0.14		NA		<0.05		NA		NA		<0.05		NA		<0.05		NA		NA		NA		<0.05		NA
	Selenium (ug/L)	34		***37.2***		***42.3***		***39***		***37.3***		***39.4***		32.1		***36.5***		***36.3***		***35.2***		***39.5***		***36.6***		***35.1***
MW-31 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5	1/22/2013	***22.8***	2/19/2013	***19.3***	3/19/2013	***19.1***	4/16/2013	***18.8***	5/13/2013	***23.8***	6/24/2013	***20.0***	7/9/2013	***21.7***	8/19/2013	***16.0***	9/17/2013	***21.2***	10/23/2013	***21.2***	11/18/2013	***23.9***	12/17/2013	***24.2***
	TDS (mg/L)	1320		1270		***1390***		***1420***		1260		***1540***		***1380***		***1510***		***1440***		***1500***		***1460***		1320		***1500***
	Chloride (mg/L)	143		***176***		***174***		***168***		***171***		***169***		***179***		***182***		***183***		***193***		***188***		***174***		***203***
	Selenium (ug/L)	71		NS		***74.1***		***81.8***		***72.9***		***75.9***		***73.7***		***75.7***		***73.2***		***72.6***		***80.7***		***74.5***		***79.8***
	Field pH (S.U.)	6.5 - 8.5		6.94		7.32		7.28		***6.37***		7.92		7.10		6.98		7.36		7.06		7.35		6.99		7.23
	Sulfate (mg/L)	532		***611***		***644***		***611***		***668***		***630***		***659***		***659***		***656***		***666***		***637***		***609***		***656***
MW-35 (Class II)	Manganese (ug/L)	200	1/23/2013	***247***	2/26/2013	***272***	3/19/13	***246***	4/17/2013	***243***	5/13/2013	***252***	6/24/2013	***243***	7/9/2013	***250***	8/19/2013	***262***	9/17/2013	***257***	10/23/2013	***240***	11/19/2013	***251***	12/17/2013	***260***
	Thallium (ug/l)	0.5		<0.5		<0.5		***0.505***		<0.5		***0.715***		***0.946***		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5
	Gross Alpha minus Rn & U (pCi/L)	3.75		***6.62***		***5.09***		***9.51***		***4.75***		***4.92***		3.24		***5.70***		***3.92***		***5.10***		3.73		***5.39***		***4.74***
	Field pH (S.U.)	6.5 - 8.5		6.54		6.68		***6.43***		6.96		7.33		6.70		6.51		7.02		6.50		6.83		6.52		6.73
	Selenium (ug/L)	12.5		11.0		10.8		***22.6***		11.8		***16.1***		***13.6***		8.01		<5		<5		***19.8***		<5		<5
	Uranium (ug/L)	7.5		***23.6***		***21.3***		***22.1***		***20.0***		***22.0***		***19.3***		***23.0***		***21.4***		***20.2***		***21.8***		***24.1***		***20***
Required Semi-Annual Sampling Wells																										
MW-01 (Class II)	Manganese (ug/L)	289	NS	NA	3/12/2013	173	NS	NA	NS	NA	5/21/2013	127	NS	NA	7/23/2013	83.9	NS	NA	NS	NA	NS	NA	12/4/2013	113	NS	NA
	Tetrahydrofuran (ug/L)	11.5		NA		***12.6***		NA		NA		3.26		NA		1.86		NA		NA		NA		5.51		NA
	Field pH (S.U.)	6.77 - 8.5		NA		6.77		NA		NA		7.57		NA		7.04		NA		NA		NA		7.04		NA
	Sulfate (mg/L)	838		NA		761		NA		NA		***839***		NA		***911***		NA		NA		NA		***930***		NA
MW-03 (Class III)	Selenium (ug/L)	37	NS	NA	3/12/2013	***51.8***	NS	NA	NS	NA	5/22/2013	***46.3***	NS	NA	7/18/2013	***52.0***	NS	NA	NS	NA	NS	NA	12/11/2013	32.8	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		***6.20***		NA		NA		7.14		NA		***6.46***		NA		NA		NA		6.78		NA
	Sulfate (mg/L)	3663		NA		NA		NA		NA		2180		NA		NA		NA		NA		NA		***3760***		NA
	Nitrate + Nitrite (as N) (mg/L)	0.73		NA		NA		NA		NA		0.456		NA		NA		NA		NA		NA		***1.21***		NA
	Fluoride (Mg/L)	0.68		NA		***0.902***		NA		NA		***0.994***		NA		***1.18***		NA		NA		NA		***1.28***		NA
MW-03A (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	3/13/2013	6.84	NS	NA	NS	NA	5/23/2013	7.10	NS	NA	7/19/2013	6.50	NS	NA	NS	NA	NS	NA	12/11/2013	6.98	NS	NA
	Sulfate (mg/L)	3640		NA		3480		NA		NA		3120		NA		***3670***		NA		NA		NA		3360		NA
	Nitrate + Nitrite (as N) (mg/L)	1.3		NA		1.22		NA		NA		1.11		NA		1.09		NA		NA		NA		***1.52***		NA
	TDS (mg/L)	5805		NA		5750		NA		NA		***6020***		NA		***5860***		NA		NA		NA		***5940***		NA
	Selenium (ug/L)	89		NA		88.7		NA		NA		75.6		NA		79.7		NA		NA		NA		77.9		NA
MW-05 (Class II)	Uranium (ug/L)	7.5	NS	NA	3/11/2013	***36***	NS	NA	NS	NA	5/14/2013	1.33	NS	NA	7/18/2013	0.574	NS	NA	NS	NA	NS	NA	12/4/2013	***20.1***	NS	NA
MW-12 (Class III)	Selenium (ug/L)	25	NS	NA	3/6/2013	19.6	NS	NA	NS	NA	5/15/2013	19	NS	NA	7/17/2013	20.5	NS	NA	NS	NA	NS	NA	12/9/2013	21.7	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		6.56		NA		NA		7.19		NA		6.60		NA		NA		NA		6.69		NA
MW-15 (Class III)	Selenium (ug/L)	128.7	NS	NA	3/5/2013	***137***	NS	NA	NS	NA	5/15/2013	120	NS	NA	7/18/2013	100	NS	NA	NS	NA	NS	NA	11/20/2013	106	NS	NA
	Field pH (S.U.)	6.62 - 8.5		NA		6.75		NA		NA		7.27		NA		6.68		NA		NA		NA		***6.61***		NA

Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in Current GWDP	Q1 2013 Results: January 2013 Monthly Sample Date	Q1 2013 Results: January 2013 Monthly Result	Q1 2013 Results: Q1 2013 Sample Date	Q1 2013 Results: Q1 2013 Result	Q1 2013 Results: March 2013 Monthly Sample Date	Q1 2013 Results: March 2013 Monthly Result	Q2 2013 Results: April 2013 Monthly Sample Date	Q2 2013 Results: April 2013 Monthly Result	Q2 2013 Results: Q2 2013 Sample Date	Q2 2013 Results: Q2 2013 Result	Q2 2013 Results: June 2013 Monthly Sample Date	Q2 2013 Results: June 2013 Monthly Result	Q3 2013 Results: Q3 2013 Sample Date	Q3 2013 Results: Q3 2013 Result	Q3 2013 Results: August 2013 Monthly Sample Date	Q3 2013 Results: August 2013 Monthly Result	Q3 2013 Results: September 2013 Monthly Sample Date	Q3 2013 Results: September 2013 Monthly Result	Q4 2013 Results: October 2013 Monthly Sample Date	Q4 2013 Results: October 2013 Monthly Result	Q4 2013 Results: Q4 2013 Sample Date	Q4 2013 Results: Q4 2013 Result	Q4 2013 Results: December 2013 Monthly Sample Date	Q4 2013 Results: December 2013 Monthly Result
Required Semi-Annual Sampling Wells, continued																										
MW-18 (Class III)	Thallium (ug/l)	1.95	NS	NA	2/25/2013	***3.26***	NS	NA	NS	NA	5/20/2013	***2.81***	NS	NA	7/15/2013	***3.32***	NS	NA	NS	NA	NS	NA	12/3/2013	***3.06***	NS	NA
	Sulfate (mg/L)	1938.9		NA		1270		NA		NA		1860		NA		1860		NA		NA		NA		***2000***		NA
	Field pH (S.U.)	6.25-8.5		NA		6.35		NA		NA		6.97		NA		6.45		NA		NA		NA		6.38		NA
	TDS (mg/L)	3198.77		NA		***3350***		NA		NA		3160		NA		3170		NA		NA		NA		***3240***		NA
MW-19 (Class III)	Field pH (S.U.)	6.78-8.5	NS	NA	3/13/2013	***6.50***	NS	NA	NS	NA	5/20/2013	7.16	NS	NA	7/15/2013	6.91	NS	NA	NS	NA	NS	NA	12/3/2013	***6.58***	NS	NA
	Gross Alpha minus Rn & U (pCi/L)	2.36		NA		1.11		NA		NA		1.19		NA		<1.00		NA		NA		NA		<1.00		NA
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		***3.61***		NA		NA		***4.21***		NA		***3.66***		NA		NA		NA		***3.70***		NA
MW-23 (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	3/11/2013	***6.37***	NS	NA	NS	NA	5/23/2013	7.23	NS	NA	7/18/2013	6.61	NS	NA	NS	NA	NS	NA	12/18/2013	7.21	NS	NA
MW-24 (Class III)	Cadmium (ug/L)	2.5	NS	NA	3/13/2013	2.0	NS	NA	NS	NA	5/22/2013	1.32	NS	NA	7/19/2013	***6.72***	NS	NA	NS	NA	NS	NA	12/12/2013	1.15	NS	NA
	Fluoride (mg/L)	0.36		NA		0.355		NA		NA		0.211		NA		0.288		NA		NA		NA		0.310		NA
	Sulfate (mg/L)	2903		NA		NA		NA		NA		2070		NA		NA		NA		NA		NA		2490		NA
	Thallium (ug/L)	1		NA		0.88		NA		NA		0.618		NA		***1.64***		NA		NA		NA		0.707		NA
	Field pH (S.U.)	6.5 - 8.5		NA		***6.29***		NA		NA		6.77		NA		***5.80***		NA		NA		NA		***6.08***		NA
MW-27 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5.6	NS	NA	2/25/2013	***7.94***	NS	NA	NS	NA	5/21/2013	***7.09***	NS	NA	7/17/2013	***6.97***	NS	NA	NS	NA	NS	NA	12/4/2013	***7.89***	NS	NA
	Chloride (mg/L)	38		NA		***50.3***		NA		NA		***44.3***		NA		***44.2***		NA		NA		NA		***45.0***		NA
	Sulfate (mg/L)	462		NA		431		NA		NA		***497***		NA		NA		NA		NA		NA		442		NA
	TDS (mg/L)	1075		NA		***1140***		NA		NA		***1110***		NA		***1110***		NA		NA		NA		***1100***		NA
	Gross Alpha minus Rn & U (pCi/L)	2		NA		<1.0		NA		NA		1.57		NA		<1.00		NA		NA		NA		1.28		NA
MW-28 (Class III)	Chloride (mg/L)	105	NS	NA	3/5/2013	***110***	NS	NA	NS	NA	5/15/2013	102	NS	NA	7/17/2013	***107***	NS	NA	NS	NA	NS	NA	12/4/2013	***109***	NS	NA
	Cadmium (ug/L)	5.2		NA		NA		NA		NA		4.61		NA		NA		NA		NA		NA		4.74		NA
	Uranium (ug/L)	4.9		NA		NA		NA		NA		3.58		NA		NA		NA		NA		NA		3.34		NA
	Vanadium (ug/L)	30		NA		NA		NA		NA		<15.0		NA		NA		NA		NA		NA		<15.0		NA
	Field pH (S.U.)	6.1 - 8.5		NA		***6.00***		NA		NA		6.63		NA		***5.97***		NA		NA		NA		6.10		NA
MW-29 (Class III)	TDS (mg/L)	4400	NS	NA	3/6/2013	***4500***	NS	NA	NS	NA	5/23/2013	4340	NS	NA	7/17/2013	4270	NS	NA	NS	NA	NS	NA	11/20/2013	4370	NS	NA
	Field pH (S.U.)	6.46 - 8.5		NA		***6.36***		NA		NA		6.88		NA		***6.37***		NA		NA		NA		***6.35***		NA
MW-32 (Class III)	Gross Alpha minus Rn & U (pCi/L)	3.33	NS	NA	2/19/2013	***5.02***	NS	NA	NS	NA	5/13/2013	***3.72***	NS	NA	7/9/2013	***6.46***	NS	NA	NS	NA	NS	NA	11/18/2013	1.86	NS	NA
	Chloride (mg/L)	35.39		NA		NA		NA		NA		32.3		NA		NA		NA		NA		NA		33.7		NA
	Field pH (S.U.)	6.4 - 8.5		NA		6.52		NA		NA		7.10		NA		***6.39***		NA		NA		NA		***6.29***		NA

Notes:

GWCL values are taken from August 24, 2012 version of GWDP.

NS = Not Required and Not Sampled
NR = Required
NA = Not Applicable
Exceedances are shown in yellow
Values in () parentheses are the field pH measurements for the resampled analyses.

Table 3 – GWCL Exceedances for First Quarter 2015 under the August 24, 2012 GWDP

Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	Q1 2014 Results: January 2014 Monthly Sample Date	Q1 2014 Results: January 2014 Monthly Result	Q1 2014 Results: February 2014 Monthly Sample Date	Q1 2014 Results: February 2014 Monthly Result	Q1 2014 Results: Q1 2014 Sample Date	Q1 2014 Results: Q1 2014 Result	Q2 2014 Results: April 2014 Monthly Sample Date	Q2 2014 Results: April 2014 Monthly Result	Q2 2014 Results: May 2014 Monthly Sample Date	Q2 2014 Results: May 2014 Monthly Result	Q2 2014 Results: Q2 2014 Sample Date	Q2 2014 Results: Q2 2014 Result	Q3 2014 Results: July 2014 Monthly Sample Date	Q3 2014 Results: July 2014 Monthly Result	Q3 2014 Results: August 2014 Monthly Sample Date	Q3 2014 Results: August 2014 Monthly Result	Q3 2014 Results: Q3 2014 Sample Date	Q3 2014 Results: Q3 2014 Result	Q4 2014 Results: October 2014 Monthly Sample Date	Q4 2014 Results: October 2014 Monthly Result	Q4 2014 Results: Q4 2014 Sample Date	Q4 2014 Results: Q4 2014 Result	Q4 2014 Results: December 2014 Monthly Sample Date	Q4 2014 Results: December 2014 Monthly Result
Required Quarterly Sampling Wells																										
MW-11 (Class II)	Manganese (ug/L)	131.29	1/8/2014	***141***	2/24/2014	***163***	3/11/2014	***134***	4/25/2014	***136***	5/14/2014	128	6/3/2014	***166***	7/29/2014	***139***	8/20/2014	***139***	9/8/2014	74.0	10/6/2014	***157***	11/17/2014	125	12/10/2014	***186***
MW-14 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/8/2014	6.60	2/24/2014	***6.16***	3/11/2014	***6.33***	4/23/2014	6.84	5/13/2014	6.60	6/3/2014	7.63	7/28/2014	***6.44***	8/20/2014	7.07	9/2/2014	***6.41***	10/7/2014	***6.46***	11/12/2014	***6.25***	12/10/2014	***6.40***
MW-25 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/7/2014	***6.37***	2/13/2014	***6.10***	3/10/2014	***6.27***	4/28/2014	7.18	5/13/2014	6.80	6/2/2014	6.74	7/28/2014	***6.36***	8/18/2014	7.17	9/3/2014	6.50	10/6/2014	***6.49***	11/4/2014	***6.31***	12/9/2014	***6.36***
	Cadmium (ug/L)	1.5		1.39		1.29		1.29		***1.51***		1.34		1.24		1.30		1.30		1.30		1.41		***1.57***		1.27
	Uranium (ug/L)	6.5		NA		5.83		6.26		***10.6***		***7.43***		6.07		5.9		6.1		6.0		***6.67***		6.04		5.75
MW-26 (Class III)	Nitrate + Nitrite (as N) (mg/L)	0.62	1/8/2014	***2.42***	2/24/2014	***2.12***	3/12/2014	***1.30***	4/30/2014	***1.20***	5/14/2014	***1.64***	6/5/2014	***1.42***	7/29/2014	***2.0***	8/20/2014	***1.00***	9/4/2014	***1.10***	10/7/2014	***0.704***	11/18/2014	***1.09***	12/10/14 12/15/14	<0.100
	Uranium (ug/L)	41.8		***81.7***		***72.2***		***51.8***		***96.0***		***90.6***		***75.0***		***86.5***		***74.4***		***48.4***		***75.4***		***66.0***		***42.5***
	Chloroform (ug/L)	70		***1580***		***2810***		***2800***		***1310***		***1580***		***1450***		***2330***		***2200***		***1580***		***894***		***1520***		***2280***
	Chloride (mg/L)	58.31		***69.7***		***70.4***		***61.0***		***62.1***		***61.0***		***63.2***		***80.0***		***59.0***		***68.0***		57.7		54.2		***65.5***
	Carbon Tetrachloride (ug/L)	5		NA		NA		***6.86***		NA		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0
	Field pH (S.U.)	6.74 - 8.5		6.80		6.78		***6.50***		7.19		7.13		6.78		***6.60***		7.28		***6.67***		6.85		***6.09***		***6.25 (6.44)***
	Dichloromethane (Methylene Chloride) (ug/L)	5		***6.52***		***25.8***		***15.5***		***5.54***		***10.2***		***6.73***		***9.6***		***43.3***		***10.9***		3.78		***7.34***		***28.4***
MW-30 (Class II)	Nitrate + Nitrite (as N) (mg/L)	2.5	1/8/2014	***20.3***	2/25/2014	***18.4***	3/11/2014	***21.3***	4/23/2014	***18.3***	5/14/2014	***17.9***	6/3/2014	***19.4***	7/29/2014	***15.6***	8/20/2014	***13.8***	9/9/2014	***16.8***	10/7/2014	***11.0***	11/10/2014	***16.2***	12/10/2014	***17.1***
	Chloride (mg/L)	128		***131***		***135***		***144***		***154***		128		128		***140***		***139***		***136***		***136***		***154***		***138***
	Uranium (ug/L)	8.32		NA		6.83		7.84		6.84		***9.82***		7.35		7.40		7.60		7.70		7.76		7.65		7.67
	Field pH (S.U.)	6.50		6.74		6.80		6.56		7.06		6.88		6.89		6.76		7.51		6.82		6.92		***6.22***		6.77
	Ammonia (mg/L)	0.14		NA		NA		<0.05		NA		NA		<0.05		NA		NA		<0.05		NA		***0.30***		NA
	Selenium (ug/L)	34		***35.6***		***35.8***		***38.0***		32.8		***37.0***		***35.4***		***42.9***		***48.5***		***53.6***		***38.9***		***36.8***		***37.5***
MW-31 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5	1/7/2014	***24.0***	2/17/2014	***20.6***	3/10/2014	***26.2***	4/28/2014	***19.1***	5/13/2014	***23.3***	6/2/2014	***23.1***	7/28/2014	***19.0***	8/18/2014	***15.2***	9/3/2014	***18.9***	10/6/2014	***15.9***	11/14/2014	***20.9***	12/9/2014	***17.0***
	TDS (mg/L)	1320		***1510***		***1460***		***1490***		***1440***		***1510***		***1520***		***1400***		***1410***		***1460***		***1420***		***1520***		***1450***
	Chloride (mg/L)	143		***194***		***197***		***230***		***230***		***200***		***173***		***200***		***210***		***210***		***205***		***204***		***215***
	Selenium (ug/L)	71		***74.4***		***75.8***		***77.2***		***85.4***		***74.5***		69.4		***77.9***		***82.8***		***81.5***		***78.9***		***73.0***		***71.1***
	Field pH (S.U.)	6.5 - 8.5		7.13		***6.45***		6.53		7.45		6.83		8.23		6.88		7.60		6.94		6.97		6.69		6.73
	Sulfate (mg/L)	532		***558***		480		***681***		527		***639***		***555***		***600***		***620***		***560***		***606***		***639***		***687***
MW-35 (Class II)	Manganese (ug/L)	200	1/8/2014	***252***	2/11/2014	***247***	3/11/14	***204***	4/25/2014	194	5/14/2014	***249***	6/4/2014	***202***	7/29/2014	***212***	8/20/2014	191	9/3/2014	177	10/6/2014	***228***	11/12/2014	***222***	12/9/2014	***232***
	Thallium (ug/l)	0.5		***0.535***		<0.5		<0.5		***0.582***		***0.521***		<0.5		<0.5		<0.5		***0.6***		<0.5		<0.5		<0.5
	Gross Alpha minus Rn & U (pCi/L)	3.75		***4.12***		***3.98***		***4.33***		2.95		3.67		3.36		3.09		***4.70***		***3.93***		***4.14***		***3.92***		***4.54***
	Field pH (S.U.)	6.5 - 8.5		6.54		***6.07***		***6.32***		6.79		7.10		6.83		6.55		7.07		***6.46***		6.54		***6.35***		***6.25***
	Selenium (ug/L)	12.5		8.95		12.3		***14.1***		***18.6***		***17.0***		***13.9***		***13.2***		***28.9***		***31.4***		***15.5***		10.1		7.5
	Uranium (ug/L)	7.5		***20.8***		***20.6***		***21.5***		***30.6***		***26.9***		***21.9***		***26.5***		***20.3***		***23.6***		***23.9***		***19.6***		***20.3***
Required Semi-Annual Sampling Wells																										
MW-01 (Class II)	Manganese (ug/L)	289	NS	NA	NS	NA	2/20/2014	76.8	NS	NA	NS	NA	5/28/2014	82.3	NS	NA	NS	NA	9/10/2014	80.0	NS	NA	11/17/2014	59.2	NS	NA
	Tetrahydrofuran (ug/L)	11.5		NA		NA		3.25		NA		NA		3.39		NA		NA		<1.0		NA		<1.0		NA
	Field pH (S.U.)	6.77 - 8.5		NA		NA		6.61		NA		NA		7.11		NA		NA		***6.75***		NA		6.87		NA
	Sulfate (mg/L)	838		NA		NA		836		NA		NA		***909***		NA		NA		810		NA		***920***		NA
MW-03 (Class III)	Selenium (ug/L)	37	NS	NA	NS	NA	2/26/2014	37.0	NS	NA	NS	NA	5/30/2014	***69.5***	NS	NA	NS	NA	9/16/2014	***94.0***	NS	NA	11/17/2014	***62.4***	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		NA		***6.23***		NA		NA		6.56		NA		NA		***6.13***		NA		***6.37***		NA
	Sulfate (mg/L)	3663		NA		NA		NA		NA		NA		3460		NA		NA		3120		NA		***3800***		NA
	Nitrate + Nitrite (as N) (mg/L)	0.73		NA		NA		NA		NA		NA		0.573		NA		NA		0.6		NA		0.330		NA
	Fluoride (Mg/L)	0.68		NA		NA		***0.771***		NA		NA		***1.02***		NA		NA		***1.0***		NA		***1.08***		NA
MW-03A (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	NS	NA	3/5/2014	6.58	NS	NA	NS	NA	5/30/2014	6.60	NS	NA	NS	NA	9/17/2014	***6.40***	NS	NA	11/12/2014	***6.41***	NS	NA
	Sulfate (mg/L)	3640		NA		NA		3100		NA		NA		***3830***		NA		NA		3350		NA		***3770***		NA
	Nitrate + Nitrite (as N) (mg/L)	1.3		NA		NA		0.849		NA		NA		0.97		NA		NA		1.0		NA		1.11		NA
	TDS (mg/L)	5805		NA		NA		5600		NA		NA		5790		NA		NA		5460		NA		5370		NA
	Selenium (ug/L)	89		NA		NA		***92.1***		NA		NA		***104***		NA		NA		***129***		NA		88.5		NA
MW-05 (Class II)	Uranium (ug/L)	7.5	NS	NA	NS	NA	2/12/2014	***22.0***	NS	NA	NS	NA	6/4/2014	2.42	NS	NA	NS	NA	9/11/2014	0.90	NS	NA	11/12/2014	***36.20***	NS	NA
MW-12 (Class III)	Selenium (ug/L)	25	NS	NA	NS	NA	2/12/2014	23.7	NS	NA	NS	NA	6/4/2014	17.20	NS	NA	NS	NA	9/16/2014	NA	NS	NA	11/11/2014	***33.30***	NS	NA
	Field pH (S.U.)	6.5 - 8.5		NA		NA		***6.13***		NA		NA		7.10		NA		NA		***6.47***		NA		***6.25***		NA
MW-15 (Class III)	Selenium (ug/L)	128.7	NS	NA	NS	NA	2/25/2014	110	NS	NA	NS	NA	6/4/2014	105	NS	NA	NS	NA	9/2/2014	***273***	NS	NA	11/12/2014	106	NS	NA
	Field pH (S.U.)	6.62 - 8.5		NA		NA		***6.51***		NA		NA		6.91		NA		NA		***6.38***		NA		***6.41***		NA

Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in Current GWDP	Q1 2014 Results						Q2 2014 Results						Q3 2014 Results						Q4 2014 Results					
			January 2014 Monthly Sample Date	January 2014 Monthly Result	February 2014 Monthly Sample Date	February 2014 Monthly Result	Q1 2014 Sample Date	Q1 2014 Result	April 2014 Monthly Sample Date	April 2014 Monthly Result	May 2014 Monthly Sample Date	May 2014 Monthly Result	Q2 2014 Sample Date	Q2 2014 Result	April 2014 Monthly Sample Date	April 2014 Monthly Result	May 2014 Monthly Sample Date	May 2014 Monthly Result	Q3 2014 Sample Date	Q3 2014 Result	October 2014 Monthly Sample Date	October 2014 Monthly Result	Q4 2014 Sample Date	Q4 2014 Result	December 2014 Monthly Sample Date	December 2014 Monthly Result
Required Semi-Annual Sampling Wells, continued																										
MW-18 (Class III)	Thallium (ug/l)	1.95	NS	NA	NS	NA	2/19/2014	***2.77***	NS	NA	NS	NA	5/27/2014	***2.42***	NS	NA	NS	NA	9/9/2014	***2.7***	NS	NA	11/10/2014	***2.88***	NS	NA
	Sulfate (mg/L)	1938.9		NA		NA		1650		NA		NA		***2020***		NA		NA		1760		NA		1810		NA
	Field pH (S.U.)	6.25-8.5		NA		NA		***6.16***		NA		NA		7.04		NA		NA		6.40		NA		***6.10***		NA
	TDS (mg/L)	3198.77		NA		NA		3080		NA		NA		***3260***		NA		NA		3180		NA		2960		NA
MW-19 (Class III)	Field pH (S.U.)	6.78-8.5	NS	NA	NS	NA	2/18/2014	***6.29***	NS	NA	NS	NA	5/27/2014	7.38	NS	NA	NS	NA	9/11/2014	***6.46***	NS	NA	11/11/2014	***6.33***	NS	NA
	Gross Alpha minus Rn & U (pCi/L)	2.36		NA		NA		<1.0		NA		NA		2.24		NA		NA		<1.0		NA		<1.0		NA
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		NA		***3.82***		NA		NA		***3.68***		NA		NA		0.4		NA		***2.91***		NA
MW-23 (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	NS	NA	3/5/2014	6.52	NS	NA	NS	NA	6/11/2014	6.67	NS	NA	NS	NA	9/4/2014	6.56	NS	NA	11/19/2014	6.69	NS	NA
MW-24 (Class III)	Cadmium (ug/L)	2.5	NS	NA	NS	NA	3/6/2014	***5.92***	NS	NA	NS	NA	5/30/2014	***2.91***	NS	NA	NS	NA	9/17/2014	1.5	NS	NA	11/19/2014	1.17	NS	NA
	Fluoride (mg/L)	0.36		NA		NA		0.234		NA		NA		0.337		NA		NA		***0.4***		NA		0.109		NA
	Sulfate (mg/L)	2903		NA		NA		NA		NA		NA		2450		NA		NA		NA		NA		***3120***		NA
	Thallium (ug/L)	1		NA		NA		***1.85***		NA		NA		***1.23***		NA		NA		0.6		NA		0.821		NA
	Field pH (S.U.)	6.5 - 8.5		NA		NA		***5.89***		NA		NA		***6.07***		NA		NA		***5.09***		NA		***5.69***		NA
MW-27 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5.6	NS	NA	NS	NA	2/25/2014	***7.98***	NS	NA	NS	NA	5/28/2014	***7.35***	NS	NA	NS	NA	9/8/2014	***6.30***	NS	NA	11/5/2014	***7.70***	NS	NA
	Chloride (mg/L)	38		NA		NA		***47.0***		NA		NA		***45.9***		NA		NA		***46.0***		NA		***42.6***		NA
	Sulfate (mg/L)	462		NA		NA		411		NA		NA		***484***		NA		NA		414		NA		419		NA
	TDS (mg/L)	1075		NA		NA		1040		NA		NA		1040		NA		NA		1020		NA		***1090***		NA
	Gross Alpha minus Rn & U (pCi/L)	2		NA		NA		1.08		NA		NA		***2.33***		NA		NA		1.16		NA		<1.0		NA
MW-28 (Class III)	Chloride (mg/L)	105	NS	NA	NS	NA	2/26/2014	***113***	NS	NA	NS	NA	6/18/2014	***114***	NS	NA	NS	NA	9/16/2014	***112***	NS	NA	11/5/2014	***117***	NS	NA
	Cadmium (ug/L)	5.2		NA		NA		NA		NA		NA		***5.41***		NA		NA		4.7		NA		4.15		NA
	Uranium (ug/L)	4.9		NA		NA		NA		NA		NA		***61.3***		NA		NA		***10.6***		NA		***21.2***		NA
	Vanadium (ug/L)	30		NA		NA		NA		NA		NA		***109***		NA		NA		18.5		NA		29.3		NA
	Field pH (S.U.)	6.1 - 8.5		NA		NA		***6.01***		NA		NA		6.78		NA		NA		***5.79***		NA		***5.72***		NA
MW-29 (Class III)	TDS (mg/L)	4400	NS	NA	NS	NA	2/25/2014	***4500***	NS	NA	NS	NA	6/3/2014	4200	NS	NA	NS	NA	9/10/2014	4280	NS	NA	11/10/2014	4210	NS	NA
	Field pH (S.U.)	6.46 - 8.5		NA		NA		6.78		NA		NA		7.98		NA		NA		***6.10***		NA		***6.11***		NA
MW-32 (Class III)	Gross Alpha minus Rn & U (pCi/L)	3.33	NS	NA	NS	NA	2/11/2014	1.94	NS	NA	NS	NA	5/23/2014	***4.35***	NS	NA	NS	NA	9/2/2014	***3.69***	NS	NA	11/5/2014	2.56	NS	NA
	Chloride (mg/L)	35.39		NA		NA		NA		NA		NA		***35.6***		NA		NA	8/26/2014	[illegible]		NA		33.3		NA
	Field pH (S.U.)	6.4 - 8.5		NA		NA		***6.15***		NA		NA		6.64		NA		NA	41884	***6.17***		NA		***6.08***		NA

Notes:

GWCL values are taken from August 24, 2012 version of GWDP.

NS = Not Required and Not Sampled

NR = Required and Not Reported

NA = Not Applicable

Exceedances are shown in yellow

Values in () parentheses are the field pH measurements for the resampled analyses.

[illegible] reported from the laboratory of duplicate sample

Table 3 – GWCL Exceedances for First Quarter 2015 under the August 24, 2012 GWDP

			Q1 2015 Results						
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	January 2015 Monthly Sample Date	January 2015 Monthly Result	Q1 2015 Sample Date	Q1 2015 Result	March 2015 Monthly Sample Date	March 2015 Monthly Result	Sample Frequency
Required Quarterly Sampling Wells									
MW-11 (Class II)	Manganese (ug/L)	131.29	1/21/2015	***177***	2/3/2015	***138***	3/3/2015	***149***	Quarterly
MW-14 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/21/2015	***6.49***	2/3/2015	***6.44***	3/5/2015	***6.05***	Quarterly
MW-25 (Class III)	Field pH (S.U.)	6.5 - 8.5	1/20/2015	***6.19***	2/4/2015	***6.46***	3/4/2015	***6.32***	Quarterly
	Cadmium (ug/L)	1.5		1.44		1.33		1.37	Quarterly
	Uranium (ug/L)	6.5		***6.54***		***6.81***		6.43	Quarterly
MW-26 (Class III)	Nitrate + Nitrite (as N) (mg/L)	0.62	1/21/2015	0.30	2/11/2015	***2.68***	3/4/2015	***0.965***	Quarterly
	Uranium (ug/L)	41.8		2.96		***78.1***		***72.6***	Quarterly
	Chloroform (ug/L)	70		***3570***		***1190***		***1020***	Quarterly
	Chloride (mg/L)	58.31		***59.9***		***77.2***		***67.2***	Quarterly
	Carbon Tetrachloride (ug/L)	5		<1.0		<1.0		<1.0	Quarterly
	Field pH (S.U.)	6.74 - 8.5		***6.25***		***6.20***		***6.23***	Quarterly
	Dichloromethane (Methylene Chloride) (ug/L)	5		***6.42***		***5.89***		***6.95***	Quarterly
MW-30 (Class II)	Nitrate + Nitrite (as N) (mg/L)	2.5	1/21/2015	***19.5***	2/4/2015	***14.9***	3/3/2015	***17.3***	Quarterly
	Chloride (mg/L)	128		***144***		***136***		***132***	Quarterly
	Uranium (ug/L)	8.32		8.06		8.23		***8.35***	Quarterly
	Field pH (S.U.)	6.50		***6.41***		6.59		***6.32***	Quarterly
	Ammonia (mg/L)	0.14		NS		<0.05		<0.05	Quarterly
	Selenium (ug/L)	34		***37.2***		***40.9***		***38.0***	Quarterly
MW-31 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5	1/20/2015	***20.9***	2/2/2015	***18.7***	3/3/2015	***19.8***	Quarterly
	TDS (mg/L)	1320		***1540***		***1520***		***1530***	Quarterly
	Chloride (mg/L)	143		***226***		***211***		***209***	Quarterly
	Selenium (ug/L)	71		***75.6***		***79.2***		***76.2***	Quarterly
	Field pH (S.U.)	6.5 - 8.5		***6.49***		***6.42***		***6.40***	Quarterly
	Sulfate (mg/L)	532		***669***		***623***		***616***	Quarterly
MW-35 (Class II)	Manganese (ug/L)	200	1/20/2015	***228***	2/5/2015	***223***	3/4/2015	190	Quarterly
	Thallium (ug/l)	0.5		<0.5		<0.5		<0.5	Quarterly
	Gross Alpha minus Rn & U (pCi/L)	3.75		***6.86***		***5.61***		***3.81***	Quarterly
	Field pH (S.U.)	6.5 - 8.5		***6.22***		6.53		***6.26***	
	Selenium (ug/L)	12.5		8.21		***14.2***		***26.6***	Quarterly
	Uranium (ug/L)	7.5		***21.8***		***20.6***		***24.4***	Quarterly
Required Semi-Annual Sampling Wells									
MW-01 (Class II)	Manganese (ug/L)	289	NS	NA	2/10/2015	56.9	NS	NA	Semi-Annually
	Tetrahydrofuran (ug/L)	11.5		NA		1.63		NA	Semi-Annually
	Field pH (S.U.)	6.77 - 8.5		NA		***6.66***		NA	Semi-Annually
	Sulfate (mg/L)	838		NA		813		NA	Semi-Annually
MW-03 (Class III)	Selenium (ug/L)	37	NS	NA	2/11/2015	***61.1***	NS	NA	Semi-Annually
	Field pH (S.U.)	6.5 - 8.5		NA		***6.12***		NA	Semi-Annually
	Sulfate (mg/L)	3663		NA		3260		NA	Semi-Annually
	Nitrate + Nitrite (as N) (mg/L)	0.73		NA		0.638		NA	Semi-Annually
	Fluoride (Mg/L)	0.68		NA		***1.08***		NA	Semi-Annually
MW-03A (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	2/12/2015	***6.15***	NS	NA	Semi-Annually
	Sulfate (mg/L)	3640		NA		3450		NA	Semi-Annually
	Nitrate + Nitrite (as N) (mg/L)	1.3		NA		1.05		NA	Semi-Annually
	TDS (mg/L)	5805		NA		5470		NA	Semi-Annually
	Selenium (ug/L)	89		NA		***94.1***		NA	Semi-Annually
MW-05 (Class II)	Uranium (ug/L)	7.5	NS	NA	2/10/2015	2.94	NS	NA	Semi-Annually
MW-12 (Class III)	Selenium (ug/L)	25	NS	NA	2/9/2015	***30.0***	NS	NA	Semi-Annually
	Field pH (S.U.)	6.5 - 8.5		NA		***6.33***		NA	Semi-Annually
MW-15 (Class III)	Selenium (ug/L)	128.7	NS	NA	2/4/2015	125	NS	NA	Semi-Annually
	Field pH (S.U.)	6.62 - 8.5		NA		***6.50***		NA	Semi-Annually

			Q1 2015 Results						
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	January 2015 Monthly Sample Date	January 2015 Monthly Result	Q1 2015 Sample Date	Q1 2015 Result	March 2015 Monthly Sample Date	March 2015 Monthly Result	Sample Frequency
Required Semi-Annual Sampling Wells, continued									
MW-18 (Class III)	Thallium (ug/l)	1.95	NS	NA	2/3/2015	***2.89***	NS	NA	Semi-Annually
	Sulfate (mg/L)	1938.9		NA		1810		NA	Semi-Annually
	Field pH (S.U.)	6.25-8.5		NA		6.27		NA	Semi-Annually
	TDS (mg/L)	3198.77		NA		***3240***		NA	Semi-Annually
MW-19 (Class III)	Field pH (S.U.)	6.78-8.5	NS	NA	2/2/2015	***6.45***	NS	NA	Semi-Annually
	Gross Alpha minus Rn & U (pCi/L)	2.36		NA		0.312		NA	Semi-Annually
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		***2.91***		NA	Semi-Annually
MW-23 (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	2/10/2015	6.53	NS	NA	Semi-Annually
MW-24 (Class III)	Cadmium (ug/L)	2.5	NS	NA	2/12/2015	***3.31***	NS	NA	Semi-Annually
	Fluoride (mg/L)	0.36		NA		***0.397***		NA	Semi-Annually
	Sulfate (mg/L)	2903		NA		2620		NA	Semi-Annually
	Thallium (ug/L)	1		NA		***1.27***		NA	Semi-Annually
	Field pH (S.U.)	6.5 - 8.5		NA		***6.21***		NA	Semi-Annually
MW-27 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5.6	NS	NA	2/9/2015	3.15	NS	NA	Semi-Annually
	Chloride (mg/L)	38		NA		***44.2***		NA	Semi-Annually
	Sulfate (mg/L)	462		NA		402		NA	Semi-Annually
	TDS (mg/L)	1075		NA		996		NA	Semi-Annually
	Gross Alpha minus Rn & U (pCi/L)	2		NA		<1.0		NA	Semi-Annually
MW-28 (Class III)	Chloride (mg/L)	105	NS	NA	2/9/2015	***130***	NS	NA	Semi-Annually
	Cadmium (ug/L)	5.2		NA		4.83		NA	Semi-Annually
	Uranium (ug/L)	4.9		NA		4.48		NA	Semi-Annually
	Vanadium (ug/L)	30		NA		<15.0		NA	Semi-Annually
	Field pH (S.U.)	6.1 - 8.5		NA		***5.86***		NA	Semi-Annually
MW-29 (Class III)	TDS (mg/L)	4400	NS	NA	2/10/2015	***4430***	NS	NA	Semi-Annually
	Field pH (S.U.)	6.46 - 8.5		NA		***6.42***		NA	Semi-Annually
MW-32 (Class III)	Gross Alpha minus Rn & U (pCi/L)	3.33	NS	NA	2/9/2015	2.19	NS	NA	Semi-Annually
	Chloride (mg/L)	35.39		NA	3/17/2015	36.1		NA	Semi-Annually
	Field pH (S.U.)	6.4 - 8.5		NA	2/9/2015	***6.29***		NA	Semi-Annually

Notes:

GWCL values are taken from August 24, 2012 version of GWDP.

NS = Not Required and Not Sampled

NR = Required and Not Reported

NA = Not Applicable

Exceedances are shown in yellow

Values in () parentheses are the field pH measurements for the resampled analyses.

Resampled from the quarterly sampling event

Pursuant to the DRC letter of March 25, 2015, these constituents will no longer be monitored on an accelerated schedule. These constituents will be dropped from this report after this quarter.

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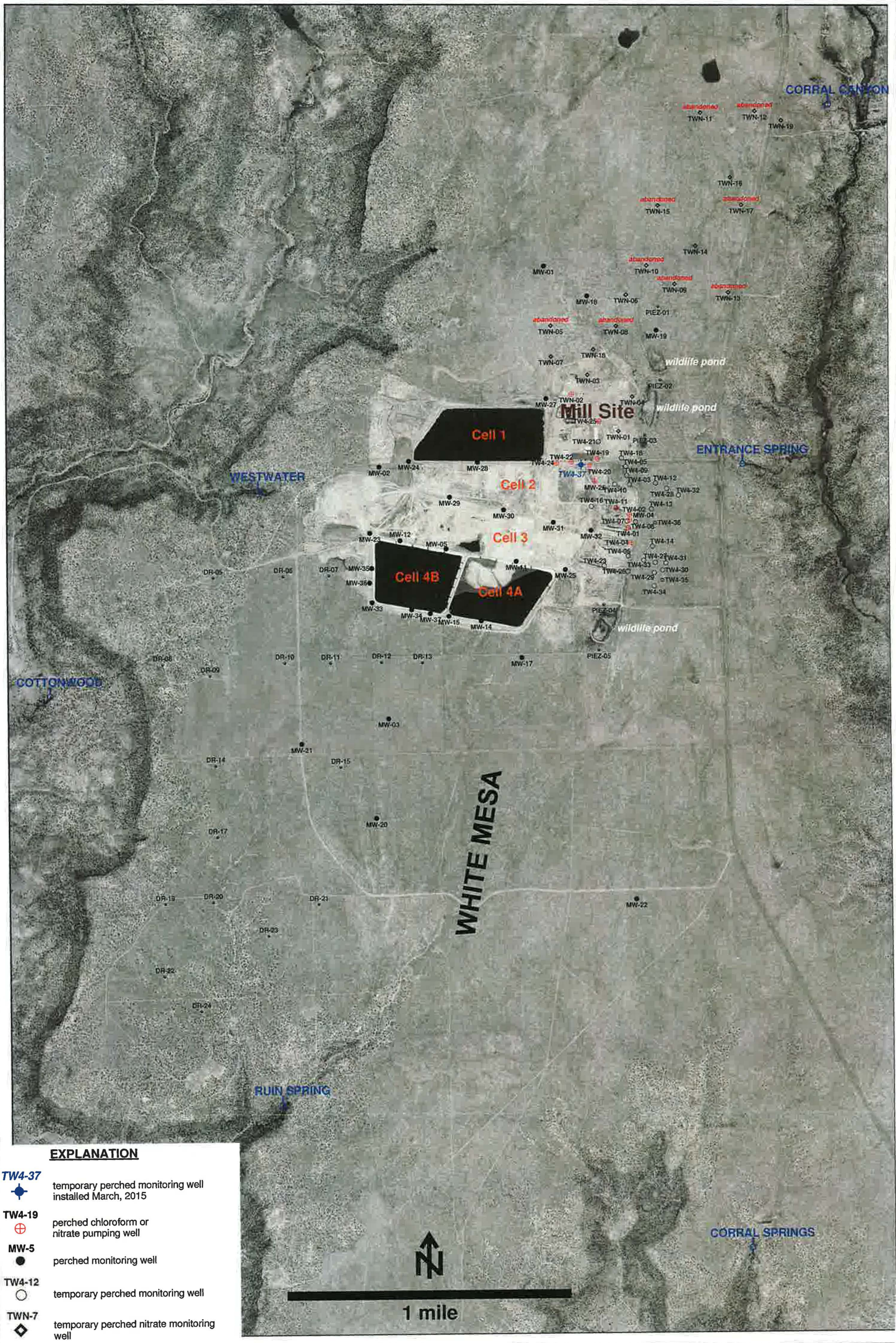
Site Plan and Perched Well Locations White Mesa Site



EXPLANATION

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

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WHITE MESA SITE PLAN SHOWING LOCATIONS O PERCHED WELLS AND PIEZOMETERS

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may15/Uwelloc0315_rev.srf	A-1

Tab B

Field Data Worksheets Quarterly Sampling

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-01

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-01_02102015

Date and Time for Purging: 2/10/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-29

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 118.00

Depth to Water Before Purging: 64.09

Casing Volume (V) 4" Well: 0 (.653h)
3" Well: 19.78 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): ~~6°~~ 11°

Time	1327	Gal. Purged	39.49
Conductance	1939	pH	6.58
Temp. °C	15.20		
Redox Potential Eh (mV)	251		
Turbidity (NTU)	0		

Time	1328	Gal. Purged	39.71
Conductance	1926	pH	6.62
Temp. °C	15.23		
Redox Potential Eh (mV)	241		
Turbidity (NTU)	0		

Time	1329	Gal. Purged	39.92
Conductance	1930	pH	6.63
Temp. °C	15.25		
Redox Potential Eh (mV)	232		
Turbidity (NTU)	~~6~~ 0	0	

Time	1330	Gal. Purged	40.14
Conductance	1928	pH	6.66
Temp. °C	15.19		
Redox Potential Eh (mV)	229		
Turbidity (NTU)	0		

Volume of Water Purged [40.14] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [182.34]

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

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

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

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

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

Final Depth [97.94] Sample Time [1330]

See instruction

Comment

Arrived on site at 1021 Tanner and Garrin present for purge and sampling event.
Purge began at 1025. Purged well for a total of 185 minutes.
Purge ended and samples collected at 1330, water was clear.
Left site at 1335

MW-01 02-10-2013 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Ground Water 2015

Location (well name): MW-03-02112015

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-03

Date and Time for Purging: 2/11/2015 and Sampling (if different): N/A

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

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

Sampling Event: Quarterly GW Prev. Well Sampled in Sampling Event: MW-24

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm Well Depth(0.01ft): 97.00

Depth to Water Before Purging: 82.69 Casing Volume (V) 4" Well: 0 (.653h)
3" Well: ~~0~~ 5.25 (.367h)
5.25

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

Time	1022	Gal. Purged	10.81		
Conductance	5723	pH	6.12		
Temp. °C	14.63				
Redox Potential Eh (mV)	270				
Turbidity (NTU)	0				

Time	1023	Gal. Purged	11.02		
Conductance	5718	pH	6.12		
Temp. °C	14.60				
Redox Potential Eh (mV)	271				
Turbidity (NTU)	0				

Time	1024	Gal. Purged	11.23		
Conductance	5717	pH	6.13		
Temp. °C	14.58				
Redox Potential Eh (mV)	271				
Turbidity (NTU)	0				

Time	1025	Gal. Purged	11.44		
Conductance	5715	pH	6.12		
Temp. °C	14.57				
Redox Potential Eh (mV)	271				
Turbidity (NTU)	0				

Volume of Water Purged: 11.44 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = .208

Time to evacuate two casing volumes (2V)
T = 2V/Q = 50.49

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

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

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

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

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

Final Depth: 87.33 Sample Time: 1025

See instruction

Comment

Arrived on site at 0927. Tanner and Garrin present for purge and sampling event. Purge began at 0930. Purged well for a total of 55 minutes. water was clear. Purge ended and samples collected at 1025. Left site at 1030

MW-03 02-11-2013 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-03A

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: ~~MW-03A_02112015~~ MW-03A_02122015

Date and Time for Purging: 2/11/2015 and Sampling (if different): 2/12/2015

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

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW Prev. Well Sampled in Sampling Event: MW-23

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm Well Depth(0.01ft): 95.00

Depth to Water Before Purging: 84.70 Casing Volume (V) 4" Well: 6.72 (.653h)
3" Well: 0 (.367h)

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

Before		After	
Time: 0925	Gal. Purged: 15.36	Time:	Gal. Purged:
Conductance: 5895	pH: 6.35	Conductance:	pH:
Temp. °C: 14.52		Temp. °C:	
Redox Potential Eh (mV): 289		Redox Potential Eh (mV):	
Turbidity (NTU): 7.1		Turbidity (NTU):	
Time: 0629	Gal. Purged:	Time: 0636	Gal. Purged:
Conductance: 5884	pH: 6.10	Conductance: 5890	pH: 6.15
Temp. °C: 13.25		Temp. °C: 13.35	
Redox Potential Eh (mV):		Redox Potential Eh (mV):	
Turbidity (NTU):		Turbidity (NTU):	

Volume of Water Purged: 15.36 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = .192

Time to evacuate two casing volumes (2V)
T = 2V/Q = 70.06

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

If well evacuated to dryness, number of gallons evacuated: 15.36

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

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

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

Final Depth: 93.15 Sample Time: 0630

See instruction

Comment

Arrived on site at 0801. Tanner and Garrin present for purge.
Purge began at 0805. Purged well for a total of 80 minutes. Purged well dry!
Purge ended at 0925. Water was clear. Left site at 0926
Arrived on site at 0625. Tanner and Garrin present to collect samples, Depth to water was 88.12. Samples collected at 0630. Left site at 0638.

MW-03A 02-11-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-05

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-05_02102015

Date and Time for Purging: 2/10/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-12

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 138.50

Depth to Water Before Purging: 109.23

Casing Volume (V) 4" Well: 19.11 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	0932	Gal. Purged	38.40
Conductance	1335	pH	6.92
Temp. °C	14.57		
Redox Potential Eh (mV)	278		
Turbidity (NTU)	0		

Time	0933	Gal. Purged	38.62
Conductance	1330	pH	6.94
Temp. °C	14.58		
Redox Potential Eh (mV)	275		
Turbidity (NTU)	0		

Time	0934	Gal. Purged	38.84
Conductance	1320	pH	6.97
Temp. °C	14.55		
Redox Potential Eh (mV)	273		
Turbidity (NTU)	0		

Time	0935	Gal. Purged	39.06
Conductance	1315	pH	6.99
Temp. °C	14.56		
Redox Potential Eh (mV)	270		
Turbidity (NTU)	0		

Volume of Water Purged: 39.06 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 176.15

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

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

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

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

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

Final Depth: 123.90 Sample Time: 0935

See instruction

Comment

Arrived on site at 0630. Tanner and Garrin present for purge and sampling event
Purge began at 0635. Purged well for a total of 180 minutes
Purge ended and samples collected at 0935. Left site at 0938
Water was clear

MW-05 02-10-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-11

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-11_02032015

Date and Time for Purging: 2/3/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: ~~MW-31~~ MW-18 MW-18

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 130.00

Depth to Water Before Purging: 86.36

Casing Volume (V) 4" Well: 28.49 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1417	Gal. Purged	57.93
Conductance	2846	pH	7.05
Temp. °C	14.46		
Redox Potential Eh (mV)	202		
Turbidity (NTU)	6.5		

Time	1418	Gal. Purged	58.15
Conductance	2844	pH	7.08
Temp. °C	14.47		
Redox Potential Eh (mV)	195		
Turbidity (NTU)	6.4		

Time	1419	Gal. Purged	58.37
Conductance	2854	pH	7.09
Temp. °C	14.47		
Redox Potential Eh (mV)	190		
Turbidity (NTU)	6.4		

Time	1420	Gal. Purged	58.59
Conductance	2857	pH	7.10
Temp. °C	14.48		
Redox Potential Eh (mV)	185		
Turbidity (NTU)	6.3		

Volume of Water Purged: 58.59 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 262.64

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: AWAL GEL

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth: 86.45 Sample Time: 1420

See instruction

Comment

Arrived on site at 0945. Tanner and Garrin present for purge and sampling event. Purge began at ~~0640~~ 0950. Purged well for a total of 270 minutes Purge ended and samples collected at 1420. water was clear Left site at 1430

MW-11 02-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-12

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-12_02092015

Date and Time for Purging: 2/9/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-28

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 130.40

Depth to Water Before Purging: 108.35

Casing Volume (V) 4" Well: 14.39 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1527	Gal. Purged	29.72
Conductance	4217	pH	6.38
Temp. °C	14.80		
Redox Potential Eh (mV)	256		
Turbidity (NTU)	5.4		

Time	1528	Gal. Purged	29.94
Conductance	4208	pH	6.35
Temp. °C	14.85		
Redox Potential Eh (mV)	255		
Turbidity (NTU)	5.6		

Time	1529	Gal. Purged	30.16
Conductance	4207	pH	6.34
Temp. °C	14.86		
Redox Potential Eh (mV)	252		
Turbidity (NTU)	5.7		

Time	1530	Gal. Purged	30.38
Conductance	4206	pH	6.33
Temp. °C	14.85		
Redox Potential Eh (mV)	250		
Turbidity (NTU)	5.7		

Volume of Water Purged [30.38] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [132.70]

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

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

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

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

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

Final Depth [102.10] Sample Time [1530]

See instruction

Comment

Arrived on site at 1306. Tanner and Garrin present for purge and sampling event
Purge began at 1310. Purged well for a total of 140 minutes. Purge ended and sampl
Collected at 1530. water was a little murky
Left site at 1533.

MW-12 02-09-2015 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 1st Quarter Ground Water 2015

Location (well name): MW-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-14_02032015

Date and Time for Purging: 2/3/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-11

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 128.70

Depth to Water Before Purging: 103.21

Casing Volume (V) 4" Well: 16.64 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1607	Gal. Purged	32.98
Conductance	3860	pH	6.45
Temp. °C	13.94		
Redox Potential Eh (mV)	277		
Turbidity (NTU)	0		

Time	1608	Gal. Purged	33.20
Conductance	3853	pH	6.43
Temp. °C	14.00		
Redox Potential Eh (mV)	278		
Turbidity (NTU)	0		

Time	1609	Gal. Purged	33.41
Conductance	3870	pH	6.44
Temp. °C	14.01		
Redox Potential Eh (mV)	279		
Turbidity (NTU)	0		

Time	1610	Gal. Purged	33.63
Conductance	3875	pH	6.44
Temp. °C	13.98		
Redox Potential Eh (mV)	279		
Turbidity (NTU)	0		

Volume of Water Purged: 33.63 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 153.40

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

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

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth: 103.65 Sample Time: 1610

See instruction

Comment

Arrived on site at 1332. Tanner and Garrin present for purge and sampling event.
Purge began at 1335. Purged well for a total of 155 minutes.
Purge ended and samples collected at 1610. water was clear
Left site at 1620

MW-14 02-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-15

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-15_02042015

Date and Time for Purging: 2/4/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-14

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 137.00

Depth to Water Before Purging: 106.18

Casing Volume (V) 4" Well: 20.12 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1032	Gal. Purged	40.57
Conductance	4243	pH	6.48
Temp. °C	14.47		
Redox Potential Eh (mV)	284		
Turbidity (NTU)	0		

Time	1033	Gal. Purged	40.79
Conductance	4250	pH	6.48
Temp. °C	14.50		
Redox Potential Eh (mV)	284		
Turbidity (NTU)	0		

Time	1034	Gal. Purged	41.01
Conductance	4262	pH	6.48
Temp. °C	14.51		
Redox Potential Eh (mV)	283		
Turbidity (NTU)	0		

Time	1035	Gal. Purged	41.23
Conductance	4252	pH	6.50
Temp. °C	14.50		
Redox Potential Eh (mV)	282		
Turbidity (NTU)	0		

Volume of Water Purged [41.25] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [185.48]

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 [AWAL]

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

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

Final Depth [109.00] Sample Time [1035]

See instruction

Comment

Arrived on site at 0720. Tanner and Garrin present for purge and sampling event.
Purge began at 0725. Purged well for a total of 190 minutes.
Purge ended and samples collected at 1035. Water was clear
Left site at 1038

MW-15 02-04-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-18

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-18_02032015

Date and Time for Purging: 2/3/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-31

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 134.00

Depth to Water Before Purging: 71.40

Casing Volume (V) 4" Well: 40.87 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1317	Gal. Purged	83.97		
Conductance	3462	pH	6.31		
Temp. °C	14.11				
Redox Potential Eh (mV)	~~283~~ 283		283		
Turbidity (NTU)	2.0				

Time	1318	Gal. Purged	84.19		
Conductance	3462	pH	6.29		
Temp. °C	14.10				
Redox Potential Eh (mV)	282				
Turbidity (NTU)	2.0				

Time	1319	Gal. Purged	84.41		
Conductance	3453	pH	6.29		
Temp. °C	14.10				
Redox Potential Eh (mV)	279				
Turbidity (NTU)	2.1				

Time	1320	Gal. Purged	84.63		
Conductance	3461	pH	6.27		
Temp. °C	14.11				
Redox Potential Eh (mV)	275				
Turbidity (NTU)	2.1				

Volume of Water Purged: 84.63 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 376.75

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

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

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

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

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

Final Depth: 72.30 Sample Time: 1320

See instruction

Comment

Arrived on site at 0645. Tanner and Garrin present for purge and sampling event.
Purge began at 0650. Purged well for a total of 390 minutes.
Water was clear. Purge ended and samples collected at 1320.
Left site at 1324

MW-18 02-03-2015 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-19

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-19_02022015

Date and Time for Purging: 2/2/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: N/A

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 149.00

Depth to Water Before Purging: 60.20

Casing Volume (V) 4" Well: 57.98 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1537	Gal. Purged	116.52
Conductance	1523	pH	6.47
Temp. °C	14.73		
Redox Potential Eh (mV)	301		
Turbidity (NTU)	0		

Time	1538	Gal. Purged	116.74
Conductance	1516	pH	6.45
Temp. °C	14.75		
Redox Potential Eh (mV)	302		
Turbidity (NTU)	0		

Time	1539	Gal. Purged	116.96
Conductance	1520	pH	6.45
Temp. °C	14.68		
Redox Potential Eh (mV)	303		
Turbidity (NTU)	0		

Time	1540	Gal. Purged	117.18
Conductance	1518	pH	6.45
Temp. °C	14.66		
Redox Potential Eh (mV)	303		
Turbidity (NTU)	0		

Volume of Water Purged: 117.18 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 534.43

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

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

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

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: 68.29 Sample Time: 1540

See instruction

Comment

Arrived on site at 0635. Tanner and Garrin present for purge and sampling event
Purge began at 0640. Purged well for a total of 540 minutes
Water was clear. Purge ended and samples collected at 1540.
Left site at 1545

MW-19 02-02-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Ground Water 2015

Location (well name): MW-23

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-23_02102015

Date and Time for Purging: 2/10/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly

Prev. Well Sampled in Sampling Event: MW-36

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 132.00

Depth to Water Before Purging: 114.12

Casing Volume (V) 4" Well: 11.67 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	~~1555~~ 1554	Gal. Purged	~~24~~ 23.80
Conductance	3865	pH	6.54
Temp. °C	17.03		
Redox Potential Eh (mV)	254		
Turbidity (NTU)	0		

Time	1555	Gal. Purged	24
Conductance	3870	pH	6.53
Temp. °C	17.05		
Redox Potential Eh (mV)	250		
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)			

Volume of Water Purged: 24 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = ~~.217~~ .192 .192

Time to evacuate two casing volumes (2V)
T = 2V/Q = 121.62

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: N/A

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: 127.12 Sample Time: N/A

See instruction

Comment

Arrived on site at 1346. Tanner and Garrin present for purge
Purge began at 1350. Purged well for a total of 125 minutes.
Flow decreased and purged well dry! Purge ended at 1555, water was mostly clear.
Left site at 1556.

MW-23 02-10-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-24

Sampler Name and initials: Tanner-Holliday/TH

Field Sample ID: MW-24_02122015

Date and Time for Purging: 2/11/2015 and Sampling (if different): 2/12/2015

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-03A

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 120.00

Depth to Water Before Purging: 113.45

Casing Volume (V) 4" Well: 4.27 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Before			
Time	0915	Gal. Purged	11.52
Conductance	4423	pH	5.78
Temp. °C	14.45		
Redox Potential Eh (mV)	332		
Turbidity (NTU)	1.8		

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

Before			
Time	0649	Gal. Purged	0
Conductance	4413	pH	6.27
Temp. °C	13.53		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After			
Time	0655	Gal. Purged	0
Conductance	4419	pH	6.21
Temp. °C	13.65		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Volume of Water Purged: 11.52 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = .192

Time to evacuate two casing volumes (2V)
T = 2V/Q = 44.55

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

If well evacuated to dryness, number of gallons evacuated: 11.52

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

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

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

Final Depth: 118.62 Sample Time: 0650

See instruction

Comment

Arrived on site at 0812. Tanner and Garrin present for purge. Purge began at 0815
Purged well for a total of 60 minutes. Purged well dry! water was mostly clear
Left site at 0917.
Arrived on site at 0645. Tanner and Garrin present to collect samples. Depth to water was 113.70. Samples collected at 0650. Left site at 0657

MW-24 02-11-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-25_02042015

Date and Time for Purging: 2/4/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-30

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 115.00

Depth to Water Before Purging: 75.40

Casing Volume (V) 4" Well: 25.85 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1447	Gal. Purged	52.51		
Conductance	3042	pH	6.44		
Temp. °C	14.36				
Redox Potential Eh (mV)	284				
Turbidity (NTU)	8.1				

Time	1448	Gal. Purged	52.73		
Conductance	3030	pH	6.44		
Temp. °C	14.37				
Redox Potential Eh (mV)	284				
Turbidity (NTU)	8.0				

Time	1449	Gal. Purged	52.94		
Conductance	3020	pH	6.45		
Temp. °C	14.36				
Redox Potential Eh (mV)	283				
Turbidity (NTU)	8.1				

Time	1450	Gal. Purged	53.16		
Conductance	3019	pH	6.46		
Temp. °C	14.35				
Redox Potential Eh (mV)	283				
Turbidity (NTU)	8.2				

Volume of Water Purged: 53.16 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 238.32

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

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

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth: 77.30 Sample Time: 1450

See instruction

Comment

Arrived on site at 1042. Tanner and Garrin present for purge and sampling event. Purge began at 1045. Purged well for a total of 245 minutes. Water was clear during purge. Collected samples at 1450. Left site at 1456.

MW-25 02-04-2015 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday / TH

Field Sample ID: MW-26_02112015

Date and Time for Purging: 2/11/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☐ pump or ☐ bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: ☐ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-03

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 121.33

Depth to Water Before Purging: 74.25

Casing Volume (V) 4" Well: 30.74 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 9°

Time	1229	Gal. Purged	0
Conductance	3453	pH	6.20
Temp. °C	15.65		
Redox Potential Eh (mV)	265		
Turbidity (NTU)	0.5		

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 = [10.50]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [5.85]

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

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

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

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 [110.25] Sample Time [1230]

See instruction

Comment

Arrived on site at 1224. Tanner and Garrin present to collect samples.
Samples collected at 1230. water was clear. Left site at 1236.

Continuous Pumping Well

MW-26 02-11-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-27

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-27_02092015

Date and Time for Purging: 2/9/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-35

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 95.00

Depth to Water Before Purging: 53.80

Casing Volume (V) 4" Well: 26.90 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1057	Gal. Purged	57.93		
Conductance	1483	pH	6.78		
Temp. °C	14.71				
Redox Potential Eh (mV)	291				
Turbidity (NTU)	0				

Time	1058	Gal. Purged	58.15		
Conductance	1481	pH	6.80		
Temp. °C	14.70				
Redox Potential Eh (mV)	291				
Turbidity (NTU)	0				

Time	1059	Gal. Purged	58.37		
Conductance	1483	pH	6.80		
Temp. °C	14.72				
Redox Potential Eh (mV)	291				
Turbidity (NTU)	0				

Time	1100	Gal. Purged	58.59		
Conductance	1481	pH	6.82		
Temp. °C	14.71				
Redox Potential Eh (mV)	291				
Turbidity (NTU)	0				

Volume of Water Purged: 58.59 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 247.95

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

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

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

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	☐	☒		☐	☒
Sulfate								
Chloride								
TDS								

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

Final Depth: 55.27 Sample Time: 1100

See instruction

Comment

Arrived on site at 0625. Tanner and Garrin present for purge and sampling event.
Purge began at 0630. Purged well for a total of 270 minutes.
Purge ended and samples collected at 1100. Water was Clear.
Left site at 1108

MW-27 02-09-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-28

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-28_02092015

Date and Time for Purging: 2/9/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☑ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☑ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-32

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging: 75.50

Casing Volume (V) 4" Well: 22.52 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1612	Gal. Purged	44.91
Conductance	3885	pH	5.90
Temp. °C	14.36		
Redox Potential Eh (mV)	290		
Turbidity (NTU)	3.9		

Time	1613	Gal. Purged	45.13
Conductance	3860	pH	5.88
Temp. °C	14.33		
Redox Potential Eh (mV)	291		
Turbidity (NTU)	4.0		

Time	1614	Gal. Purged	45.35
Conductance	3864	pH	5.88
Temp. °C	14.39		
Redox Potential Eh (mV)	291		
Turbidity (NTU)	4.0		

Time	1615	Gal. Purged	45.57
Conductance	3865	pH	5.86
Temp. °C	14.37		
Redox Potential Eh (mV)	290		
Turbidity (NTU)	4.1		

Volume of Water Purged: 45.57 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 207.63

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

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

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

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

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

Final Depth: 78.47 Sample Time: 1615

See instruction

Comment

Arrived on site at 1242. Tanner and Garrin present for purge and sampling event.
Purge began at 1245. Purged well for a total of 210 minutes.
Purge ended and samples collected at 1615. Water was mostly clear
Left site at 1619.

MW-28 02-09-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Groundwater 2015

Location (well name): MW-29

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-29_02102015

Date and Time for Purging: 2/10/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-05

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 127.00

Depth to Water Before Purging: 101.05

Casing Volume (V) 4" Well: 16.94 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	0952	Gal. Purged	40.57		
Conductance	4627	pH	6.47		
Temp. °C	14.50				
Redox Potential Eh (mV)	229				
Turbidity (NTU)	0				

Time	0953	Gal. Purged	40.79		
Conductance	4632	pH	6.45		
Temp. °C	14.51				
Redox Potential Eh (mV)	221				
Turbidity (NTU)	0				

Time	0954	Gal. Purged	41.01		
Conductance	4631	pH	6.43		
Temp. °C	14.46				
Redox Potential Eh (mV)	214				
Turbidity (NTU)	0				

Time	0955	Gal. Purged	41.23		
Conductance	4634	pH	6.42		
Temp. °C	14.41				
Redox Potential Eh (mV)	210				
Turbidity (NTU)	0				

Volume of Water Purged: 41.23 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 156.17

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

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

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

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

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

Final Depth: 103.65

Sample Time: 0955

See instruction

Comment

Arrived on site at 0641. Tanner and Garrin present for purge and sampling event. Purge began at 0645. Purged well for a total of 190 minutes. Purge ended and samples collected at 0955. Left site at 0958. water was clear

MW-29 02-10-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-30_02042015

Date and Time for Purging: 2/4/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-15

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging: 75.46

Casing Volume (V) 4" Well: 22.55 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1107	Gal. Purged	44.91
Conductance	2048	pH	6.53
Temp. °C	14.31		
Redox Potential Eh (mV)	275		
Turbidity (NTU)	0		

Time	1108	Gal. Purged	45.13
Conductance	2047	pH	6.55
Temp. °C	14.35		
Redox Potential Eh (mV)	273		
Turbidity (NTU)	0		

Time	1109	Gal. Purged	45.35
Conductance	2048	pH	6.57
Temp. °C	14.36		
Redox Potential Eh (mV)	271		
Turbidity (NTU)	0		

Time	1110	Gal. Purged	45.57
Conductance	2048	pH	6.59
Temp. °C	14.35		
Redox Potential Eh (mV)	270		
Turbidity (NTU)	0		

Volume of Water Purged [45.57] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [207.87]

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

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

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth [77.99] Sample Time [1110]

See instruction

Comment

Arrived on site at 0736. Tanner and Garrin present for purge and sampling event.
Purge began at 0740. Purged well for a total of 210 minutes.
Purge ended and samples collected at 1110. water was clear
Left site at 1120

MW-30 02-04-2015 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-31

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: MW-31_02022015

Date and Time for Purging: 2/2/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-19

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 130.00

Depth to Water Before Purging: 68.44

Casing Volume (V) 4" Well: 40.19 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1317	Gal. Purged	80.72
Conductance	2146	pH	6.35
Temp. °C	14.73		
Redox Potential Eh (mV)	307		
Turbidity (NTU)	0		

Time	1318	Gal. Purged	80.94
Conductance	2139	pH	6.36
Temp. °C	14.68		
Redox Potential Eh (mV)	307		
Turbidity (NTU)	0		

Time	1319	Gal. Purged	81.15
Conductance	2140	pH	6.39
Temp. °C	14.85		
Redox Potential Eh (mV)	306		
Turbidity (NTU)	0		

Time	1320	Gal. Purged	81.37
Conductance	2139	pH	6.42
Temp. °C	14.89		
Redox Potential Eh (mV)	305		
Turbidity (NTU)	0		

Volume of Water Purged: 81.37 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 370.49

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

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

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth: 71.80 Sample Time: 1320

See instruction

Comment

Arrived on site at 0659. Tanner and Garrin present for purge and sampling event.
Purge began at 0705. Purged well for a total of 375 minutes.
Purge ended and samples collected at 1320, water was clear.
Left site at 1331

MW-31 02-02-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-32

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-32_02092015

Date and Time for Purging: 2/9/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-27

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 132.50

Depth to Water Before Purging: 76.75

Casing Volume (V) 4" Well: 36.40 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1242	Gal. Purged	77.46
Conductance	3793	pH	6.32
Temp. °C	14.58		
Redox Potential Eh (mV)	90		
Turbidity (NTU)	6.2		

Time	1243	Gal. Purged	77.68
Conductance	3817	pH	6.28
Temp. °C	14.60		
Redox Potential Eh (mV)	89		
Turbidity (NTU)	6.1		

Time	1244	Gal. Purged	77.90
Conductance	3808	pH	6.30
Temp. °C	14.55		
Redox Potential Eh (mV)	88		
Turbidity (NTU)	6.0		

Time	1245	Gal. Purged	78.12
Conductance	3811	pH	6.29
Temp. °C	14.57		
Redox Potential Eh (mV)	90		
Turbidity (NTU)	6.0		

Volume of Water Purged: 78.12 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 335.52

Number of casing volumes evacuated (if other than two): 6

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

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

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

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

Final Depth: 82.80

Sample Time: 1245

See instruction

Comment

Arrived on site at 0641. Tanner and Garrin present for purge and sampling event.
Purge began at 0645. Purged well for a total of 360 minutes.
Purge ended and samples collected at 1245. water was a little murky.
Left site at 1250

MW-32 02-09-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Ground Water 2015

Location (well name): MW-35

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-35_02052015

Date and Time for Purging: 2/5/2015 and Sampling (if different): NA

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-25

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm

Well Depth(0.01ft): 124.50

Depth to Water Before Purging: 112.45

Casing Volume (V) 4" Well: 7.86 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast

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

Time	0722	Gal. Purged	15.67
Conductance	4134	pH	6.51
Temp. °C	13.50		
Redox Potential Eh (mV)	264		
Turbidity (NTU)	0		

Time	0723	Gal. Purged	15.84
Conductance	4130	pH	6.57
Temp. °C	13.55		
Redox Potential Eh (mV)	261		
Turbidity (NTU)	0		

Time	0724	Gal. Purged	16.05
Conductance	4131	pH	6.52
Temp. °C	13.53		
Redox Potential Eh (mV)	258		
Turbidity (NTU)	0		

Time	0725	Gal. Purged	16.27
Conductance	4129	pH	6.53
Temp. °C	13.55		
Redox Potential Eh (mV)	255		
Turbidity (NTU)	0		

Volume of Water Purged [16.27] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [72.44]

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

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

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth [113.25] Sample Time [0725]

See instruction

Comment

Arrived on site at 0605. Garrin present for purge and sampling event. Purge began at 0610. Purged well for a total of 75 minutes. Water was clear during purge. Collected samples at 0725. Left site at 0740.

MW-35 02-05-2015 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-36

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-36_02102015

Date and Time for Purging: 2/10/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-01

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 121.60

Depth to Water Before Purging: 110.35

Casing Volume (V) 4" Well: 7.34 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1357	Gal. Purged	15.62
Conductance	1397, 4870	pH	6.71
Temp. °C	15.97		
Redox Potential Eh (mV)	260		
Turbidity (NTU)	0		

Time	1358	Gal. Purged	15.84
Conductance	4873	pH	6.72
Temp. °C	15.98		
Redox Potential Eh (mV)	259		
Turbidity (NTU)	0		

Time	1359	Gal. Purged	16.05
Conductance	4860	pH	6.72
Temp. °C	15.95		
Redox Potential Eh (mV)	259		
Turbidity (NTU)	0		

Time	1400	Gal. Purged	16.27
Conductance	4862	pH	6.71
Temp. °C	15.90		
Redox Potential Eh (mV)	259		
Turbidity (NTU)	0		

Volume of Water Purged [16.27] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [67.70]

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

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

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth [111.70] Sample Time [1400]

See instruction

Comment

Arrived on site at 1241. Tanner and Garrin present for purge and sampling event. Purge began at 1245. Purged well for 75 minutes. Purge ended at 1400. Water was clear. Left site at 1411.

MW-36 02-10-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-37

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-37_03052015

Date and Time for Purging: 2/11/2015 and Sampling (if different): 3/5/2015

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

Well Pump (if other than Bennet): N/A

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-26

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 121.80

Depth to Water Before Purging: 109.43

Casing Volume (V) 4" Well: 8.07 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

Ext'l Amb. Temp. °C (prior sampling event): 9°

Time	1353	Gal. Purged	5		
Conductance	4410	pH	6.63		
Temp. °C	14.52				
Redox Potential Eh (mV)	103				
Turbidity (NTU)	1.9				

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

Time	~~0644~~ 0759	Gal. Purged	0		
Conductance	4327	pH	6.60		
Temp. °C	14.35				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Time	~~0654~~ 0805	Gal. Purged	0		
Conductance	4340	pH	6.61		
Temp. °C	14.40				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Volume of Water Purged [14] 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) [1.73]

If well evacuated to dryness, number of gallons evacuated [14]

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth [121.49] Sample Time [0800]

See instruction

Comment

Arrived on site at 1342 Tanner and Garrin present for purge. Bailed 5 Gallons into a bucket and took parameters. Bailed a total of 14 Gallons Bailed well dry. Left site at 1400

Arrived on site at 0750. Tanner and Garrin present to collect samples. Depth to water 113.11
Samples bailed at 0800. Left site at 0806

MW-37 02-11-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 1st Quarter Ground Water 2015

Location (well name): MW-35, MW-65 MW-65

Sampler Name and initials: Garrin Palmer | GP

Field Sample ID: MW-~~65~~-02052015

Date and Time for Purging: 2/6/15 and Sampling (if different): NA

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

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW Prev. Well Sampled in Sampling Event: MW-25

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 999 µMHOS/ cm Well Depth(0.01ft): 124.50

Depth to Water Before Purging: 112.45 Casing Volume (V) 4" Well: 7.86 (.653h)
3" Well: 0 (.367h)

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

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: 16.27 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 72.44

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

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

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth: 113.25

Sample Time: 0725

See instruction

Comment

Duplicate of MW-35

MW-65 02-05-2015 Do not touch this cell (SheetName)

ENERGY FUELS

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

See instruction

Description of Sampling Event: 1ST Quarter Ground Water 2015

Location (well name): MW-70

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-70_02102015

Date and Time for Purging: 2/10/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-01

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 121.60

Depth to Water Before Purging: 110.35

Casing Volume (V) 4" Well: 7.34 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

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

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

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

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

Volume of Water Purged: 16.27 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 67.70

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

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

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

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	☐	☒		☐	☒
General Inorganics								

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

Final Depth: 111.70

Sample Time: 1400

See instruction

Comment

Duplicate of MW-36

MW-70 02-10-2015 Do not touch this cell (SheetName)

Tab C

Field Data Worksheets Accelerated Monitoring

Tab C1

Field Data Worksheets Accelerated Monitoring

January 2015

ENERGY FUELS

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

See instruction

Description of Sampling Event: January Monthly Ground Water 2015

Location (well name): MW-11

Sampler Name and initials: Tanner Holliday TH

Field Sample ID: MW-11_01212015

Date and Time for Purging: 1/21/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-35

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 130.00

Depth to Water Before Purging: 86.23

Casing Volume (V) 4" Well: 28.58 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1107	Gal. Purged	57.93
Conductance	2927	pH	6.84
Temp. °C	14.25		
Redox Potential Eh (mV)	329		
Turbidity (NTU)	0		

Time	1108	Gal. Purged	58.15
Conductance	2931	pH	6.86
Temp. °C	14.27		
Redox Potential Eh (mV)	324		
Turbidity (NTU)	0		

Time	1109	Gal. Purged	58.37
Conductance	2931	pH	6.89
Temp. °C	14.24		
Redox Potential Eh (mV)	315		
Turbidity (NTU)	0		

Time	1110	Gal. Purged	58.59
Conductance	2933	pH	6.91
Temp. °C	14.25		
Redox Potential Eh (mV)	309		
Turbidity (NTU)	0		

Volume of Water Purged: 58.59 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 263.42

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

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

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

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

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

Final Depth: 86.48 Sample Time: 1110

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 270 minutes.
Purge ended and samples collected at 1110. water was clear
Left site at 1112

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

See instruction

Description of Sampling Event: January Monthly Ground Water 2015

Location (well name): MW-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: ~~MW-14_01212014~~ MW-14_01212015

Date and Time for Purging: 1/21/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-30

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 128.70

Depth to Water Before Purging: 103.20

Casing Volume (V) 4" Well: 16.65 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1307	Gal. Purged	32.98		
Conductance	3865	pH	6.50		
Temp. °C	14.02				
Redox Potential Eh (mV)	270				
Turbidity (NTU)	0				

Time	1308	Gal. Purged	33.20		
Conductance	3874	pH	6.49		
Temp. °C	14.01				
Redox Potential Eh (mV)	266				
Turbidity (NTU)	0				

Time	1309	Gal. Purged	33.41		
Conductance	3873	pH	6.49		
Temp. °C	14.05				
Redox Potential Eh (mV)	266				
Turbidity (NTU)	0				

Time	1310	Gal. Purged	33.63		
Conductance	3866	pH	6.49		
Temp. °C	14.10				
Redox Potential Eh (mV)	269				
Turbidity (NTU)	0				

Volume of Water Purged [33.63] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [153.47]

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

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

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

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

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

Final Depth [104.11] Sample Time [N/A]

See instruction

Comment

Arrived on site at 1033 Tanner and Garrin present for purge

Purge began at 1035. Purged well for a total of 155 minutes.
Purge ended at 1310. water was clear. Left site at 1311

No Sample Required

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

See instruction

Description of Sampling Event: January Monthly Ground Water 2015

Location (well name): MW-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-25_01202015

Date and Time for Purging: 1/20/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-31

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 115.00

Depth to Water Before Purging: ~~68.35~~ 75.36

Casing Volume (V) 4" Well: 25.88 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1042	Gal. Purged	51.42
Conductance	3183	pH	6.08
Temp. °C	14.70		
Redox Potential Eh (mV)	400		
Turbidity (NTU)	6.4		

Time	1043	Gal. Purged	51.64
Conductance	3179	pH	6.14
Temp. °C	14.69		
Redox Potential Eh (mV)	395		
Turbidity (NTU)	7.0		

Time	1044	Gal. Purged	51.86
Conductance	3179	pH	6.17
Temp. °C	14.68		
Redox Potential Eh (mV)	387		
Turbidity (NTU)	7.0		

Time	1045	Gal. Purged	52.08
Conductance	3172	pH	6.19
Temp. °C	14.65		
Redox Potential Eh (mV)	384		
Turbidity (NTU)	7.1		

Volume of Water Purged: 52.08 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 238.57

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

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

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

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

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

Final Depth: 77.30 Sample Time: 1045

See instruction

Comment

Arrived on site at 0642. Tanner and Garrin present for purge and sampling event.
Purge began at 0645. Purged well for a total of 240 minutes.
Purge ended and samples were collected at 1045. water was clear c
Left site at 1047.

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

See instruction

Description of Sampling Event: January Monthly Ground Water 2015

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-26_01212015

Date and Time for Purging: 1/21/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-14

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 121.33

Depth to Water Before Purging: 74.25

Casing Volume (V) 4" Well: 30.74 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1444	Gal. Purged	11.0
Conductance	3350	pH	6.25
Temp. °C	13.75		
Redox Potential Eh (mV)	357		
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 = 11.50

Time to evacuate two casing volumes (2V)
T = 2V/Q = 5.58

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

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

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

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

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

Final Depth: 98.49 Sample Time: 1445

See instruction

Comment

Arrived on site at 1440. Tanner and Garrin present to collect samples.
Samples collected at 1445. Water was clear
Left site at 1450
Continuous Pumping Well

MW-26 01-21-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: January Monthly Ground Water 2015

Location (well name): MW-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-30_01212015

Date and Time for Purging: 1/21/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-11

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging: 75.29

Casing Volume (V) 4" Well: 22.66 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1017	Gal. Purged	44.91
Conductance	2048	pH	6.34
Temp. °C	14.27		
Redox Potential Eh (mV)	388		
Turbidity (NTU)	0		

Time	1018	Gal. Purged	45.13
Conductance	2044	pH	6.37
Temp. °C	14.22		
Redox Potential Eh (mV)	384		
Turbidity (NTU)	0		

Time	1019	Gal. Purged	45.35
Conductance	2042	pH	6.39
Temp. °C	14.25		
Redox Potential Eh (mV)	381		
Turbidity (NTU)	0		

Time	1020	Gal. Purged	45.57
Conductance	2045	pH	6.41
Temp. °C	14.22		
Redox Potential Eh (mV)	379		
Turbidity (NTU)	0		

Volume of Water Purged: 45.57 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 208.89

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

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

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

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

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

Final Depth: 77.90 Sample Time: 1020

See instruction

Comment

Arrived on site at 0650, Tanner and Garrin present for purge and sampling event
Purge began at 0655. Purged well for a total of 210 minutes.
Purge ended and samples collected at 1020. Water was clear.
Left site at 1032

MW-30 01-21-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: January Monthly Ground Water 2015

Location (well name): MW-31

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-31_01202015

Date and Time for Purging: 1/20/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: N/A

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 130.00

Depth to Water Before Purging: 68.35

Casing Volume (V) 4" Well: 40.25 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1257	Gal. Purged	81.80
Conductance	2131	pH	6.39
Temp. °C	14.17		
Redox Potential Eh (mV)	359		
Turbidity (NTU)	3.5		

Time	1258	Gal. Purged	82.02
Conductance	2131	pH	6.43
Temp. °C	14.20		
Redox Potential Eh (mV)	358		
Turbidity (NTU)	3.6		

Time	1259	Gal. Purged	82.24
Conductance	2131	pH	6.47
Temp. °C	14.23		
Redox Potential Eh (mV)	355		
Turbidity (NTU)	3.6		

Time	1300	Gal. Purged	82.46
Conductance	2130	pH	6.49
Temp. °C	14.23		
Redox Potential Eh (mV)	351		
Turbidity (NTU)	3.7		

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Volume of Water Purged: 82.46 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = ~~130.00~~ 371.03

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

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

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

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

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

Final Depth: 70.79 Sample Time: 1300

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 380 minutes.
Purge ended and samples collected at 1300 water was clear
Left site at 1305

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

See instruction

Description of Sampling Event: January Monthly Ground Water 2015

Location (well name): MW-35

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: MW-35_01202015

Date and Time for Purging: 1/20/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-25

pH Buffer 7.0: 7.0

pH Buffer 4 0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 124.50

Depth to Water Before Purging: 112.19

Casing Volume (V) 4" Well: 8.03 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

Ext'l Amb. Temp. °C (prior sampling event): 11°

Time	1517	Gal. Purged	16.70
Conductance	4138	pH	6.15
Temp. °C	14.02		
Redox Potential Eh (mV)	387		
Turbidity (NTU)	0		

Time	1518	Gal. Purged	16.92
Conductance	4137	pH	6.20
Temp. °C	14.03		
Redox Potential Eh (mV)	379		
Turbidity (NTU)	0		

Time	1519	Gal. Purged	17.14
Conductance	4141	pH	6.21
Temp. °C	14.04		
Redox Potential Eh (mV)	374		
Turbidity (NTU)	0		

Time	1520	Gal. Purged	17.36
Conductance	4142	pH	6.22
Temp. °C	14.03		
Redox Potential Eh (mV)	370		
Turbidity (NTU)	0		

Volume of Water Purged: 17.36 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 74.08

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

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

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

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: 112.79 Sample Time: 1520

See instruction

Comment:

Arrived on site at ~~1255~~ 1355 Tanner and Gurrin present for purge and sampling event. Purge began at 1400 Purged well for a total of 80 minutes Purge ended and samples collected at 1520 water was clear! Left site at 1525

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

See instruction

Description of Sampling Event: January Monthly Ground Water 2015

Location (well name): MW-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-65_01212015

Date and Time for Purging: 1/21/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-11

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 110.00

Depth to Water Before Purging: 75.29

Casing Volume (V) 4" Well: 22.66 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

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

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

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

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

Volume of Water Purged [45.57] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [208.89]

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

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

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

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

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

Final Depth [77.90] Sample Time [1020]

See instruction

Comment

Duplicate of MW-30

MW-65 01-21-2015 Do not touch this cell (SheetName)

Tab C2

Field Data Worksheets Accelerated Monitoring

March 2015

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

See instruction

Description of Sampling Event: March Ground Water 2015

Location (well name): MW-11

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-11-03032015

Date and Time for Purging: 3/3/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-31

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 130.00

Depth to Water Before Purging: 86.04

Casing Volume (V) 4" Well: 28.70 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast

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

Time	1137	Gal. Purged	57.93
Conductance	2895	pH	6.62
Temp. °C	14.44		
Redox Potential Eh (mV)	301		
Turbidity (NTU)	0		

Time	1138	Gal. Purged	58.15
Conductance	2892	pH	6.74
Temp. °C	14.45		
Redox Potential Eh (mV)	297		
Turbidity (NTU)	0		

Time	1139	Gal. Purged	58.37
Conductance	2892	pH	6.75
Temp. °C	14.44		
Redox Potential Eh (mV)	288		
Turbidity (NTU)	0		

Time	1140	Gal. Purged	58.59
Conductance	2895	pH	6.80
Temp. °C	14.43		
Redox Potential Eh (mV)	285		
Turbidity (NTU)	0		

Volume of Water Purged [58.57] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [264.57]

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

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

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

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

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

Final Depth [86.56] Sample Time [1140]

See instruction

Comment

Arrived on site at 0704. Tanner and Garrin present for purge and sampling event
Purge began at 0710. Purged well for a total of 270 minutes,
Purge ended and sample collected at 1140. Water was clear.
Left site at 1144

MW-11 03-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: March Groundwater 2015

Location (well name): MW-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-14_03052015

Date and Time for Purging: 3/5/2015 and Sampling (if different): N/A

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

Well Pump (if other than Bennet): QED

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

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-26

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 128.70

Depth to Water Before Purging: 103.42

Casing Volume (V) 4" Well: 16.50 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	0902	Gal. Purged	32.98
Conductance	3872	pH	6.07
Temp. °C	13.95		
Redox Potential Eh (mV)	258		
Turbidity (NTU)	0		

Time	0903	Gal. Purged	33.20
Conductance	3874	pH	6.06
Temp. °C	13.97		
Redox Potential Eh (mV)	256		
Turbidity (NTU)	0		

Time	0904	Gal. Purged	33.41
Conductance	3878	pH	6.06
Temp. °C	13.98		
Redox Potential Eh (mV)	255		
Turbidity (NTU)	0		

Time	0905	Gal. Purged	33.63
Conductance	3880	pH	6.05
Temp. °C	14.00		
Redox Potential Eh (mV)	253		
Turbidity (NTU)	0		

Volume of Water Purged: 33.63 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 152.14

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: N/A

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: 103.99 Sample Time: N/A

See instruction

Comment

Arrived on site at 0620. Tanner and Garrin present for purge. Purge began at 0630 Purged well for a total of 155 minutes. Water was clear. Purge ended at 0905 Left site at 0907.

No sample Required

MW-14 03-05-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: March Groundwater 2015

Location (well name): MW-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-25_03042015

Date and Time for Purging: 3/4/2015 and Sampling (if different): N/A

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

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

Sampling Event: Monthly GW Prev. Well Sampled in Sampling Event: MW-30

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm Well Depth(0.01ft): 115.00

Depth to Water Before Purging: 75.20 Casing Volume (V) 4" Well: 25.98 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy Ext'l Amb. Temp. °C (prior sampling event): -7°

Time	1047	Gal. Purged	51.42		
Conductance	3179	pH	6.29		
Temp. °C	14.53				
Redox Potential Eh (mV)	317				
Turbidity (NTU)	0				

Time	1048	Gal. Purged	51.64		
Conductance	3170	pH	6.30		
Temp. °C	14.51				
Redox Potential Eh (mV)	316				
Turbidity (NTU)	0				

Time	1049	Gal. Purged	51.86		
Conductance	3168	pH	6.31		
Temp. °C	14.48				
Redox Potential Eh (mV)	315				
Turbidity (NTU)	0				

Time	1050	Gal. Purged	52.08		
Conductance	3169	pH	6.32		
Temp. °C	14.47				
Redox Potential Eh (mV)	315				
Turbidity (NTU)	0				

Volume of Water Purged: 52.08 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 239.53

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: AWAL

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

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

Final Depth: 77.34 Sample Time: 1050

See instruction

Comment

Arrived on site at 0646 Tanner and Gurrin present for purge and sampling event
Purge began at 0650. Purged well for a total of 240 minutes
Purge ended and samples collected at 1050. Water was clear
Left site at 1055

Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: March Groundwater

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-26_03042015

Date and Time for Purging: 3/4/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Continuous

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-35

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 121.33

Depth to Water Before Purging: 67.35

Casing Volume (V) 4" Well: 35.24 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1259	Gal. Purged	0
Conductance	3433	pH	6.23
Temp. °C	15.03		
Redox Potential Eh (mV)	273		
Turbidity (NTU)	0		

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

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

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

Volume of Water Purged [0] gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = [10,0]

Time to evacuate two casing volumes (2V)
T = 2V/Q = [7.04]

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

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

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

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

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

Final Depth [89.96] Sample Time [1300]

See instruction

Comment

Arrived on site at 1256. Tanner and Garrin present to collect samples. Samples collected at 1300. water was clear. Left site at 1304

Continuous Pumping Well

MW-26 03-04-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: March Groundwater 2015 2015

Location (well name): MW-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-30_03032015

Date and Time for Purging: 3/3/2015 and Sampling (if different): N/A

Well Purging Equip Used: [x] pump or [ ] bailer Well Pump (if other than Bennet): QED

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

Sampling Event: Monthly GW Prev. Well Sampled in Sampling Event: MW-11

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm Well Depth(0.01ft): 110.00

Depth to Water Before Purging: 75.11 Casing Volume (V) 4" Well: 22.78 (.653h) 3" Well: 0 (.367h)

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

Time	1547	Gal. Purged	44.91
Conductance	2034	pH	6.22
Temp. °C	13.98		
Redox Potential Eh (mV)	301		
Turbidity (NTU)	0		

Time	1548	Gal. Purged	45.13
Conductance	2025	pH	6.26
Temp. °C	13.85		
Redox Potential Eh (mV)	298		
Turbidity (NTU)	0		

Time	1549	Gal. Purged	45.35
Conductance	2035	pH	6.29
Temp. °C	13.90		
Redox Potential Eh (mV)	297		
Turbidity (NTU)	0		

Time	1550	Gal. Purged	45.57
Conductance	2036	pH	6.32
Temp. °C	13.96		
Redox Potential Eh (mV)	295		
Turbidity (NTU)	6		

Volume of Water Purged [45.57] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [209.98]

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

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

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

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

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

Final Depth [77.45] Sample Time [1550]

See instruction

Comment

Arrived on site at 1216. Tanner and Garrin present for purge and sampling event
Purge began at 1220. Purged well for a total of 210 minutes
Purge ended and samples collected at 1550. Water was clear.
Left site at 1557

MW-30 03-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: March Groundwater 2015

Location (well name): MW-31

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-31_03032015

Date and Time for Purging: 3/3/2015 and Sampling (if different): N/A

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

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

Sampling Event: Monthly GW Prev. Well Sampled in Sampling Event: N/A

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm Well Depth(0.01ft): 130.00

Depth to Water Before Purging: 68.20 Casing Volume (V) 4" Well: 40.35 (.653h)
3" Well: 0 (.367h)

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

Time	1302	Gal. Purged	80.72
Conductance	2136	pH	6.23
Temp. °C	14.03		
Redox Potential Eh (mV)	294		
Turbidity (NTU)	0		

Time	1303	Gal. Purged	80.94
Conductance	2134	pH	6.33
Temp. °C	14.02		
Redox Potential Eh (mV)	290		
Turbidity (NTU)	0		

Time	1304	Gal. Purged	81.15
Conductance	2136	pH	6.35
Temp. °C	14.05		
Redox Potential Eh (mV)	286		
Turbidity (NTU)	0		

Time	1305	Gal. Purged	81.37
Conductance	2136	pH	6.40
Temp. °C	14.04		
Redox Potential Eh (mV)	282		
Turbidity (NTU)	0		

Volume of Water Purged: 81.37 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 371.93

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

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

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

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

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

Final Depth: 70.33 Sample Time: 1305

See instruction

Comment

Arrived on site at 0645. Tanner and Garrin present for purge and sampling event
Purge began at 0650. Purged well for a total of 375 minutes
Purge ended and samples collected at 1305. water was clear
Left site at 1313

MW-31 03-03-2013 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: March GroundWater 2015

Location (well name): MW-35

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-35_03042015

Date and Time for Purging: 3/4/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-25

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 124.50

Depth to Water Before Purging: 112.40

Casing Volume (V) 4" Well: 7.90 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1227	Gal. Purged	15.62
Conductance	4144	pH	6.25
Temp. °C	14.29		
Redox Potential Eh (mV)	304		
Turbidity (NTU)	0		

Time	1228	Gal. Purged	15.84
Conductance	4138	pH	6.26
Temp. °C	14.23		
Redox Potential Eh (mV)	303		
Turbidity (NTU)	0		

Time	1229	Gal. Purged	16.05
Conductance	4129	pH	6.26
Temp. °C	14.24		
Redox Potential Eh (mV)	301		
Turbidity (NTU)	0		

Time	1230	Gal. Purged	16.27
Conductance	4133	pH	6.26
Temp. °C	14.21		
Redox Potential Eh (mV)	300		
Turbidity (NTU)	6		

Volume of Water Purged: 16.27 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 72.82

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

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

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

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: 113.30

Sample Time: 1230

See instruction

Comment

Arrived on site at 1110. Tanner and Garrin present for purge and sampling event.
Purge began at 1115. Purged well for a total of 75 minutes
Purge ended and samples collected at 1230. water was clear.
Left site at 1241

MW-35 03-04-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: March Groundwater 2015

Location (well name): MW-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-65_03042015

Date and Time for Purging: 3/4/2015 and Sampling (if different): N/A

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): QED

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Monthly GW

Prev. Well Sampled in Sampling Event: MW-25

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 124.50

Depth to Water Before Purging: 112.40

Casing Volume (V) 4" Well: 7.90 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

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

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

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

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

Volume of Water Purged [16.27] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [72.82]

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

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

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

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 [113.30] Sample Time [1230]

See instruction

Comment

Duplicate of MW-35

MW-65 03-04-2015 Do not touch this cell (SheetName)

Tab D

Quarterly Depth to Water

NAME: Garrin Palmer, Tanner Holliday

DATE: 3/26/15

TIME	WELL	Depth to Water (ft.)
1300	MW-1	64.10
1327	MW-2	109.74
958	MW-3	82.71
958	MW-3A	84.81
1319	MW-5	106.35
1248	MW-11	86.43
1321	MW-12	108.47
1254	MW-14	103.38
1257	MW-15	106.35
1004	MW-17	72.34
1257	MW-18	71.59
1241	MW-19	60.47
852	MW-20	85.72
847	MW-22	66.90
1313	MW-23	114.40
1314	MW-24	113.44
1243	MW-25	75.73
1209	MW-26	67.90
1310	MW-27	53.78
1318	MW-28	75.46
1324	MW-29	101.10
1321	MW-30	75.49
1229	MW-31	68.26
1228	MW-32	77.00
1303	MW-33	DRY
1302	MW-34	107.96
1312	MW-35	112.50
1310	MW-36	110.64
1259	MW-37	107.49

TIME	WELL	Depth to Water (ft.)
1212	MW-4	71.20
1213	TW4-1	72.08
1211	TW4-2	74.79
1218	TW4-3	55.50
1214	TW4-4	72.00
1220	TW4-5	63.33
1235	TW4-6	70.75
1212	TW4-7	72.50
1216	TW4-8	74.51
1221	TW4-9	61.24
1223	TW4-10	61.12
1210	TW4-11	91.00
1024	TW4-12	44.95
1023	TW4-13	50.44
1019	TW4-14	81.91
1209	TW4-15	67.90
1225	TW4-16	65.00
1228	TW4-17	77.00
1221	TW4-18	64.10
1045	TW4-19	63.40
1206	TW4-20	63.88
1223	TW4-21	61.16
1202	TW4-22	72.00
1230	TW4-23	67.90
1200	TW4-24	65.88
1225	TW4-25	57.51
1237	TW4-26	65.25
1010	TW4-27	80.23
1025	TW4-28	38.89
1018	TW4-29	73.00
1013	TW4-30	76.58
1011	TW4-31	81.25
1027	TW4-32	50.49
1008	TW4-33	71.59
1016	TW4-34	70.97
1014	TW4-35	74.31
1021	TW4-36	56.80
1204	TW4-37	60.17

TIME	WELL	Depth to Water (ft.)
1245	PIEZ-1	64.52
1238	PIEZ-2	37.09
1235	PIEZ-3	47.98
1243	PIEZ-4	56.30
1240	PIEZ-5	55.57
1217	TWN-1	61.00
1214	TWN-2	29.98
1227	TWN-3	38.30
1232	TWN-4	52.70
	TWN-5	ABANDON
1254	TWN-6	77.65
1303	TWN-7	85.93
	TWN-8	ABANDON
	TWN-9	ABANDON
	TWN-10	ABANDON
	TWN-11	ABANDON
	TWN-12	ABANDON
	TWN-13	ABANDON
1248	TWN-14	61.56
	TWN-15	ABANDON
1250	TWN-16	47.66
	TWN-17	ABANDON
1230	TWN-18	59.79
1034	TWN-19	53.40

TIME	WELL	Depth to Water (ft.)
NA	DR-1	ABANDON
NA	DR-2	ABANDON
937	DR-5	83.25
934	DR-6	94.28
1307	DR-7	92.31
929	DR-8	51.22
926	DR-9	86.71
924	DR-10	78.26
952	DR-11	98.40
955	DR-12	90.66
1001	DR-13	69.96
920	DR-14	76.50
947	DR-15	93.11
	DR-16	ABANDON
916	DR-17	65.02
	DR-18	ABANDON
905	DR-19	63.20
903	DR-20	55.52
856	DR-21	101.35
913	DR-22	DRY
859	DR-23	70.72
909	DR-24	44.36
NA	DR-25	ABANDON

Tab E

Laboratory Analytical Reports – Quarterly Sampling

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-001
Client Sample ID: MW-01_02102015
Collection Date: 2/10/2015 1330h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	2/13/2015 1458h	2/24/2015 242h	E200.8	0.0100	**0.0569**	

3440 South 700 West
Salt Lake City, UT 84119

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-001
Client Sample ID: MW-01_02102015
Collection Date: 2/10/2015 1330h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Sulfate	mg/L		2/19/2015 145h	E300.0	100	**813**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-001C
Client Sample ID: MW-01_02102015
Collection Date: 2/10/2015 1330h
Received Date: 2/13/2015 930h

Test Code: 8260-W-DEN100

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

Analyzed: 2/13/2015 1441h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Tetrahydrofuran	109-99-9	1.00	**1.63**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	56.6	50.00	113	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.5	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.4	50.00	107	80-124	
Surr: Toluene-d8	2037-26-5	48.9	50.00	97.8	77-129	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-002
Client Sample ID: MW-03_02112015
Collection Date: 2/11/2015 1025h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	2/13/2015 1458h	2/24/2015 245h	E200.8	0.00500	**0.0611**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-002
Client Sample ID: MW-03_02112015
Collection Date: 2/11/2015 1025h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Fluoride	mg/L		2/19/2015 1151h	E300.0	0.100	**1.08**	
Nitrate/Nitrite (as N)	mg/L		2/19/2015 1247h	E353.2	0.100	**0.638**	[1]
Sulfate	mg/L		2/18/2015 2115h	E300.0	1,000	**3,260**	

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

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-003
Client Sample ID: MW-03A_02122015
Collection Date: 2/12/2015 630h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	2/13/2015 1458h	2/24/2015 248h	E200.8	0.00500	**0.0941**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-003
Client Sample ID: MW-03A_02122015
Collection Date: 2/12/2015 630h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Nitrate/Nitrite (as N)	mg/L		2/19/2015 1251h	E353.2	0.100	**1.05**	
Sulfate	mg/L		2/18/2015 2206h	E300.0	1,000	**3,450**	
Total Dissolved Solids	mg/L		2/13/2015 1435h	SM2540C	20.0	**5,470**	@

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

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-004
Client Sample ID: MW-05_02102015
Collection Date: 2/10/2015 935h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Uranium	mg/L	2/13/2015 1458h	2/24/2015 346h	E200.8	0.000300	**0.00294**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-001
Client Sample ID: MW-11_02032015
Collection Date: 2/3/2015 1420h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/6/2015 1205h	2/13/2015 841h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	2/6/2015 1205h	2/14/2015 1221h	E200.7	50.0	**61.0**	
Chromium	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/6/2015 1205h	2/13/2015 841h	E200.8	0.0300	**0.0643**	
Lead	mg/L	2/6/2015 1205h	2/13/2015 841h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/6/2015 1205h	2/14/2015 1110h	E200.7	1.00	**19.9**	
Manganese	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.0100	**0.138**	
Mercury	mg/L	2/9/2015 1300h	2/10/2015 951h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/6/2015 1205h	2/14/2015 1110h	E200.7	1.00	**6.77**	
Selenium	mg/L	2/6/2015 1205h	2/16/2015 1755h	E200.8	0.00500	< 0.00500	
Silver	mg/L	2/6/2015 1205h	2/6/2015 2153h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/6/2015 1205h	2/14/2015 1221h	E200.7	50.0	**576**	2
Thallium	mg/L	2/6/2015 1205h	2/13/2015 841h	E200.8	0.000500	< 0.000500	
Tin	mg/L	2/6/2015 1205h	2/16/2015 1755h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/6/2015 1205h	2/13/2015 916h	E200.8	0.000300	**0.000564**	
Vanadium	mg/L	2/6/2015 1205h	2/14/2015 1110h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/6/2015 1205h	2/16/2015 1755h	E200.8	0.0100	< 0.0100	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.
The sample was filtered in the field prior to analysis.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-001
Client Sample ID: MW-11_02032015
Collection Date: 2/3/2015 1420h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/19/2015 815h	2/20/2015 1532h	E350.1	0.0500	**0.840**	[1]
Bicarbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	**306**	
Carbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/11/2015 2026h	E300.0	10.0	**31.0**	
Fluoride	mg/L		2/11/2015 2224h	E300.0	0.100	**0.461**	
Ion Balance	%		2/14/2015	Calc.	-100	**-0.443**	
Nitrate/Nitrite (as N)	mg/L		2/10/2015 1208h	E353.2	0.100	< 0.100	[1]
Sulfate	mg/L		2/11/2015 1449h	E300.0	1,000	**1,110**	
Total Anions, Measured	meq/L		2/14/2015	Calc.		**30.2**	
Total Cations, Measured	meq/L		2/14/2015	Calc.		**29.9**	
Total Dissolved Solids	mg/L		2/6/2015 1300h	SM2540C	20.0	**1,880**	
Total Dissolved Solids Ratio, Measured/Calculated			2/14/2015	Calc.		**0.947**	
Total Dissolved Solids, Calculated	mg/L		2/14/2015	Calc.		**1,990**	

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

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-001A
Client Sample ID: MW-11_02032015
Collection Date: 2/3/2015 1420h
Received Date: 2/6/2015 940h

Test Code: 8260-W

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

Analyzed: 2/6/2015 1230h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	55.1	50.00	110	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.3	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.4	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	48.4	50.00	96.8	77-129	

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GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	GW Monitoring Project

Client Sample ID:	MW-11_02032015	Project:	DNMI00106
Sample ID:	366895002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	03-FEB-15 14:20		
Receive Date:	11-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	0.338	+/-0.252	0.859	1.00	pCi/L		AXM6	03/04/15	0922	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			96.8	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-005
Client Sample ID: MW-12_02092015
Collection Date: 2/9/2015 1530h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	2/13/2015 1458h	2/24/2015 251h	E200.8	0.00500	**0.0300**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-002
Client Sample ID: MW-14_02032015
Collection Date: 2/3/2015 1610h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/6/2015 1205h	2/6/2015 2209h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/6/2015 1205h	2/13/2015 844h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/6/2015 1205h	2/6/2015 2209h	E200.8	0.000500	**0.00140**	
Calcium	mg/L	2/6/2015 1205h	2/14/2015 1227h	E200.7	50.0	**481**	
Chromium	mg/L	2/6/2015 1205h	2/6/2015 2209h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/6/2015 1205h	2/6/2015 2209h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/6/2015 1205h	2/6/2015 2209h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/6/2015 1205h	2/13/2015 844h	E200.8	0.0300	< 0.0300	
Lead	mg/L	2/6/2015 1205h	2/13/2015 844h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/6/2015 1205h	2/14/2015 1227h	E200.7	50.0	**154**	
Manganese	mg/L	2/6/2015 1205h	2/16/2015 1817h	E200.8	0.0250	**1.95**	
Mercury	mg/L	2/9/2015 1300h	2/10/2015 956h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/6/2015 1205h	2/6/2015 2209h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/6/2015 1205h	2/6/2015 2209h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/6/2015 1205h	2/14/2015 1120h	E200.7	1.00	**12.3**	
Selenium	mg/L	2/6/2015 1205h	2/16/2015 1814h	E200.8	0.00500	< 0.00500	
Silver	mg/L	2/6/2015 1205h	2/6/2015 2209h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/6/2015 1205h	2/14/2015 1227h	E200.7	50.0	**328**	
Thallium	mg/L	2/6/2015 1205h	2/13/2015 844h	E200.8	0.000500	< 0.000500	
Tin	mg/L	2/6/2015 1205h	2/16/2015 1814h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/6/2015 1205h	2/13/2015 919h	E200.8	0.000300	**0.0610**	
Vanadium	mg/L	2/6/2015 1205h	2/14/2015 1120h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/6/2015 1205h	2/16/2015 1814h	E200.8	0.0100	**0.0135**	

The sample was filtered in the field prior to analysis.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-002
Client Sample ID: MW-14_02032015
Collection Date: 2/3/2015 1610h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/6/2015 1007h	2/6/2015 1515h	E350.1	0.0500	**0.0817**	
Bicarbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	**379**	
Carbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/11/2015 2043h	E300.0	10.0	**19.8**	
Fluoride	mg/L		2/11/2015 2240h	E300.0	0.100	< 0.100	
Ion Balance	%		2/14/2015	Calc.	-100	**-1.03**	
Nitrate/Nitrite (as N)	mg/L		2/10/2015 1219h	E353.2	0.100	< 0.100	
Sulfate	mg/L		2/11/2015 1539h	E300.0	1,000	**2,120**	
Total Anions, Measured	meq/L		2/14/2015	Calc.		**52.4**	
Total Cations, Measured	meq/L		2/14/2015	Calc.		**51.3**	
Total Dissolved Solids	mg/L		2/6/2015 1300h	SM2540C	20.0	**3,590**	
Total Dissolved Solids Ratio, Measured/Calculated			2/14/2015	Calc.		**1.07**	
Total Dissolved Solids, Calculated	mg/L		2/14/2015	Calc.		**3,350**	

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QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-002A
Client Sample ID: MW-14_02032015
Collection Date: 2/3/2015 1610h
Received Date: 2/6/2015 940h

Test Code: 8260-W

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

Analyzed: 2/6/2015 1249h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	55.7	50.00	111	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.2	50.00	100	80-128	
Surr: Dibromofluoromethane	1868-53-7	51.7	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	48.0	50.00	96.0	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	GW Monitoring Project

Client Sample ID:	MW-14_02032015	Project:	DNMI00106
Sample ID:	366895003	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	03-FEB-15 16:10		
Receive Date:	11-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	-0.0491	+/-0.209	0.917	1.00	pCi/L		AXM6	03/04/15	0922	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			102	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502109-001
Client Sample ID: MW-15_02042015
Collection Date: 2/4/2015 1035h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	2/6/2015 1205h	2/16/2015 1846h	E200.8	0.00500	**0.125**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502109-002
Client Sample ID: MW-18_02032015
Collection Date: 2/3/2015 1320h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Thallium	mg/L	2/6/2015 1205h	2/16/2015 1855h	E200.8	0.000500	**0.00289**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502109-002
Client Sample ID: MW-18_02032015
Collection Date: 2/3/2015 1320h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Sulfate	mg/L		2/11/2015 1720h	E300.0	1,000	**1,810**	
Total Dissolved Solids	mg/L		2/6/2015 1300h	SM2540C	20.0	**3,240**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502109-003
Client Sample ID: MW-19_02022015
Collection Date: 2/2/2015 1540h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Nitrate/Nitrite (as N)	mg/L		2/10/2015 1243h	E353.2	1.00	**2.91**	1

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

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Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	GW Monitoring Project

Client Sample ID:	MW-19_02022015	Project:	DNMI00106
Sample ID:	366895001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	02-FEB-15 15:40		
Receive Date:	11-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	0.312	+/-0.272	0.970	1.00	pCi/L		AXM6	03/04/15	0921	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			98.9	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-006
Client Sample ID: MW-24_02122015
Collection Date: 2/12/2015 650h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Cadmium	mg/L	2/13/2015 1458h	2/24/2015 255h	E200.8	0.000500	**0.00331**	
Thallium	mg/L	2/13/2015 1458h	2/24/2015 320h	E200.8	0.000500	**0.00127**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-006
Client Sample ID: MW-24_02122015
Collection Date: 2/12/2015 650h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Fluoride	mg/L		2/19/2015 1208h	E300.0	0.100	**0.397**	
Sulfate	mg/L		2/18/2015 2222h	E300.0	1,000	**2,620**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-003
Client Sample ID: MW-25_02042015
Collection Date: 2/4/2015 1450h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/6/2015 1205h	2/13/2015 847h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.000500	**0.00133**	
Calcium	mg/L	2/6/2015 1205h	2/14/2015 1229h	E200.7	50.0	**339**	
Chromium	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/6/2015 1205h	2/13/2015 847h	E200.8	0.0300	< 0.0300	
Lead	mg/L	2/6/2015 1205h	2/13/2015 847h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/6/2015 1205h	2/14/2015 1229h	E200.7	50.0	**120**	
Manganese	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.0100	**1.40**	
Mercury	mg/L	2/9/2015 1300h	2/10/2015 958h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.0100	**0.0113**	
Nickel	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/6/2015 1205h	2/14/2015 1128h	E200.7	1.00	**10.0**	
Selenium	mg/L	2/6/2015 1205h	2/16/2015 1820h	E200.8	0.00500	< 0.00500	
Silver	mg/L	2/6/2015 1205h	2/6/2015 2212h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/6/2015 1205h	2/14/2015 1229h	E200.7	50.0	**291**	
Thallium	mg/L	2/6/2015 1205h	2/13/2015 847h	E200.8	0.000500	**0.000785**	
Tin	mg/L	2/6/2015 1205h	2/16/2015 1820h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/6/2015 1205h	2/13/2015 923h	E200.8	0.000300	**0.00681**	
Vanadium	mg/L	2/6/2015 1205h	2/14/2015 1128h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/6/2015 1205h	2/16/2015 1820h	E200.8	0.0100	< 0.0100	

The sample was filtered in the field prior to analysis.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-003
Client Sample ID: MW-25_02042015
Collection Date: 2/4/2015 1450h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/6/2015 1007h	2/6/2015 1516h	E350.1	0.0500	**0.507**	
Bicarbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	**323**	
Carbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/11/2015 2059h	E300.0	10.0	**30.5**	
Fluoride	mg/L		2/11/2015 2257h	E300.0	0.100	**0.282**	
Ion Balance	%		2/14/2015	Calc.	-100	**-1.67**	
Nitrate/Nitrite (as N)	mg/L		2/10/2015 1220h	E353.2	0.100	< 0.100	
Sulfate	mg/L		2/11/2015 1556h	E300.0	1,000	**1,620**	
Total Anions, Measured	meq/L		2/14/2015	Calc.		**41.0**	
Total Cations, Measured	meq/L		2/14/2015	Calc.		**39.7**	
Total Dissolved Solids	mg/L		2/6/2015 1300h	SM2540C	20.0	**2,760**	
Total Dissolved Solids Ratio, Measured/Calculated			2/14/2015	Calc.		**1.06**	
Total Dissolved Solids, Calculated	mg/L		2/14/2015	Calc.		**2,600**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-003A
Client Sample ID: MW-25_02042015
Collection Date: 2/4/2015 1450h
Received Date: 2/6/2015 940h

Test Code: 8260-W

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

Analyzed: 2/6/2015 1309h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	56.1	50.00	112	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.6	50.00	101	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.1	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	48.5	50.00	97.0	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	GW Monitoring Project

Client Sample ID:	MW-25_02042015	Project:	DNMI00106
Sample ID:	366895004	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	04-FEB-15 14:50		
Receive Date:	11-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	0.594	+/-0.315	0.978	1.00	pCi/L		AXM6	03/04/15	0919	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			101	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-001
Client Sample ID: MW-26_02112015
Collection Date: 2/11/2015 1230h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/13/2015 1458h	2/24/2015 310h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	2/13/2015 1458h	2/19/2015 1328h	E200.7	20.0	**518**	2
Chromium	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/13/2015 1458h	2/24/2015 1224h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/13/2015 1458h	2/24/2015 310h	E200.8	0.0300	**0.445**	
Lead	mg/L	2/13/2015 1458h	2/24/2015 310h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/13/2015 1458h	2/19/2015 1328h	E200.7	20.0	**176**	2
Manganese	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.0100	**1.17**	
Mercury	mg/L	2/16/2015 1330h	2/17/2015 908h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/13/2015 1458h	2/19/2015 1353h	E200.7	1.00	**11.5**	
Selenium	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.00500	**0.00553**	
Silver	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/13/2015 1458h	2/19/2015 1328h	E200.7	20.0	**179**	2
Thallium	mg/L	2/13/2015 1458h	2/24/2015 310h	E200.8	0.000500	< 0.000500	
Tin	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/13/2015 1458h	2/24/2015 336h	E200.8	0.000300	**0.0781**	
Vanadium	mg/L	2/13/2015 1458h	2/19/2015 1605h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/13/2015 1458h	2/24/2015 200h	E200.8	0.0100	< 0.0100	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-001
Client Sample ID: MW-26_02112015
Collection Date: 2/11/2015 1230h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/19/2015 815h	2/20/2015 1557h	E350.1	0.0500	**0.206**	
Bicarbonate (as CaCO3)	mg/L		2/16/2015 922h	SM2320B	1.00	**335**	
Carbonate (as CaCO3)	mg/L		2/16/2015 922h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/19/2015 452h	E300.0	10.0	**77.2**	
Fluoride	mg/L		2/19/2015 1101h	E300.0	0.100	**0.245**	
Ion Balance	%		2/19/2015	Calc.	-100	**0.0692**	
Nitrate/Nitrite (as N)	mg/L		2/19/2015 1227h	E353.2	1.00	**2.68**	
Sulfate	mg/L		2/18/2015 1951h	E300.0	1,000	**1,890**	
Total Anions, Measured	meq/L		2/19/2015	Calc.		**48.4**	
Total Cations, Measured	meq/L		2/19/2015	Calc.		**48.4**	
Total Dissolved Solids	mg/L		2/13/2015 1220h	SM2540C	20.0	**3,220**	
Total Dissolved Solids Ratio, Measured/Calculated			2/19/2015	Calc.		**1.05**	
Total Dissolved Solids, Calculated	mg/L		2/19/2015	Calc.		**3,060**	

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

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Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-001A
Client Sample ID: MW-26_02112015
Collection Date: 2/11/2015 1230h
Received Date: 2/13/2015 930h
Test Code: 8260-W-DEN100

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

Analyzed: 2/16/2015 1546h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**1,190**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,210	1,000	121	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	1,020	1,000	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	1,100	1,000	110	80-124	
Surr: Toluene-d8	2037-26-5	955	1,000	95.5	77-129	

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

Analyzed: 2/13/2015 1520h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	**5.89**	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	57.6	50.00	115	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.5	50.00	107	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.6	50.00	109	80-124	
Surr: Toluene-d8	2037-26-5	48.3	50.00	96.5	77-129	

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Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-26_02112015	Project:	DNMI00100
Sample ID:	367230002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	11-FEB-15 12:30		
Receive Date:	16-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha		2.20	+/-0.486	1.00	1.00	pCi/L		AXM6	03/04/15	0920	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			103	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-007
Client Sample ID: MW-27_02092015
Collection Date: 2/9/2015 1100h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/19/2015 936h	E300.0	10.0	**44.2**	
Nitrate/Nitrite (as N)	mg/L		2/19/2015 1252h	E353.2	0.100	**3.15**	
Sulfate	mg/L		2/19/2015 202h	E300.0	100	**402**	
Total Dissolved Solids	mg/L		2/13/2015 1435h	SM2540C	20.0	**996**	

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Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-27_02092015	Project:	DNMI00100
Sample ID:	367230005	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	09-FEB-15 11:00		
Receive Date:	16-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	1.00	+/-0.307	0.885	1.00	pCi/L		AXM6	03/04/15	0922	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			97.5	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-008
Client Sample ID: MW-28_02092015
Collection Date: 2/9/2015 1615h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Cadmium	mg/L	2/13/2015 1458h	2/24/2015 232h	E200.8	0.000500	**0.00483**	
Uranium	mg/L	2/13/2015 1458h	2/24/2015 349h	E200.8	0.000300	**0.00448**	
Vanadium	mg/L	2/13/2015 1458h	2/19/2015 1615h	E200.7	0.0150	< 0.0150	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-008
Client Sample ID: MW-28_02092015
Collection Date: 2/9/2015 1615h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		2/19/2015 252h	E300.0	100	**130**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502236-009
Client Sample ID: MW-29_02102015
Collection Date: 2/10/2015 955h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Total Dissolved Solids	mg/L		2/13/2015 1435h	SM2540C	20.0	**4,430**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-004
Client Sample ID: MW-30_02042015
Collection Date: 2/4/2015 1110h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/6/2015 1205h	2/13/2015 851h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	2/6/2015 1205h	2/14/2015 1230h	E200.7	50.0	**247**	
Chromium	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/6/2015 1205h	2/13/2015 851h	E200.8	0.0300	< 0.0300	
Lead	mg/L	2/6/2015 1205h	2/13/2015 851h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/6/2015 1205h	2/14/2015 1230h	E200.7	50.0	**68.3**	
Manganese	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.0100	**0.0166**	
Mercury	mg/L	2/9/2015 1300h	2/10/2015 1003h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/6/2015 1205h	2/14/2015 1130h	E200.7	1.00	**6.70**	
Selenium	mg/L	2/6/2015 1205h	2/16/2015 1823h	E200.8	0.00500	**0.0409**	
Silver	mg/L	2/6/2015 1205h	2/6/2015 2216h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/6/2015 1205h	2/14/2015 1230h	E200.7	50.0	**95.9**	
Thallium	mg/L	2/6/2015 1205h	2/13/2015 851h	E200.8	0.000500	< 0.000500	
Tin	mg/L	2/6/2015 1205h	2/16/2015 1823h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/6/2015 1205h	2/13/2015 926h	E200.8	0.000300	**0.00823**	
Vanadium	mg/L	2/6/2015 1205h	2/14/2015 1130h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/6/2015 1205h	2/16/2015 1823h	E200.8	0.0100	< 0.0100	

The sample was filtered in the field prior to analysis.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-004
Client Sample ID: MW-30_02042015
Collection Date: 2/4/2015 1110h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/6/2015 1007h	2/6/2015 1517h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	**150**	
Carbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/11/2015 1845h	E300.0	100	**136**	
Fluoride	mg/L		2/11/2015 2314h	E300.0	0.100	**0.324**	
Ion Balance	%		2/14/2015	Calc.	-100	**-0.859**	
Nitrate/Nitrite (as N)	mg/L		2/10/2015 1240h	E353.2	1.00	**14.9**	
Sulfate	mg/L		2/11/2015 1845h	E300.0	100	**750**	
Total Anions, Measured	meq/L		2/14/2015	Calc.		**22.7**	
Total Cations, Measured	meq/L		2/14/2015	Calc.		**22.3**	
Total Dissolved Solids	mg/L		2/6/2015 1300h	SM2540C	20.0	**1,480**	
Total Dissolved Solids Ratio, Measured/Calculated			2/14/2015	Calc.		**1.05**	
Total Dissolved Solids, Calculated	mg/L		2/14/2015	Calc.		**1,410**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-004A
Client Sample ID: MW-30_02042015
Collection Date: 2/4/2015 1110h
Received Date: 2/6/2015 940h

Test Code: 8260-W

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

Analyzed: 2/6/2015 1328h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	56.9	50.00	114	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.3	50.00	98.6	80-128	
Surr: Dibromofluoromethane	1868-53-7	52.8	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	47.8	50.00	95.6	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	GW Monitoring Project

Client Sample ID:	MW-30_02042015	Project:	DNMI00106
Sample ID:	366895005	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	04-FEB-15 11:10		
Receive Date:	11-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	0.521	+/-0.320	0.958	1.00	pCi/L		AXM6	03/04/15	0919	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			102	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

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Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-005
Client Sample ID: MW-31_02022015
Collection Date: 2/2/2015 1320h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/6/2015 1205h	2/13/2015 854h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	2/6/2015 1205h	2/14/2015 1232h	E200.7	50.0	**194**	
Chromium	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/6/2015 1205h	2/13/2015 854h	E200.8	0.0300	< 0.0300	
Lead	mg/L	2/6/2015 1205h	2/13/2015 854h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/6/2015 1205h	2/14/2015 1232h	E200.7	50.0	**95.4**	
Manganese	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	2/9/2015 1300h	2/10/2015 1005h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/6/2015 1205h	2/14/2015 1132h	E200.7	1.00	**6.37**	
Selenium	mg/L	2/6/2015 1205h	2/16/2015 1827h	E200.8	0.00500	**0.0792**	
Silver	mg/L	2/6/2015 1205h	2/6/2015 2228h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/6/2015 1205h	2/14/2015 1232h	E200.7	50.0	**95.0**	
Thallium	mg/L	2/6/2015 1205h	2/13/2015 854h	E200.8	0.000500	< 0.000500	
Tin	mg/L	2/6/2015 1205h	2/16/2015 1827h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/6/2015 1205h	2/13/2015 929h	E200.8	0.000300	**0.00800**	
Vanadium	mg/L	2/6/2015 1205h	2/14/2015 1132h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/6/2015 1205h	2/16/2015 1827h	E200.8	0.0100	< 0.0100	

The sample was filtered in the field prior to analysis.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-005
Client Sample ID: MW-31_02022015
Collection Date: 2/2/2015 1320h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/6/2015 1007h	2/6/2015 1518h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	**176**	
Carbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/11/2015 1935h	E300.0	100	**211**	
Fluoride	mg/L		2/11/2015 2331h	E300.0	0.100	**0.760**	
Ion Balance	%		2/14/2015	Calc.	-100	**-1.99**	
Nitrate/Nitrite (as N)	mg/L		2/10/2015 1242h	E353.2	1.00	**18.7**	
Sulfate	mg/L		2/11/2015 1935h	E300.0	100	**623**	
Total Anions, Measured	meq/L		2/14/2015	Calc.		**22.7**	
Total Cations, Measured	meq/L		2/14/2015	Calc.		**21.8**	
Total Dissolved Solids	mg/L		2/6/2015 1300h	SM2540C	20.0	**1,520**	
Total Dissolved Solids Ratio, Measured/Calculated			2/14/2015	Calc.		**1.12**	
Total Dissolved Solids, Calculated	mg/L		2/14/2015	Calc.		**1,350**	

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Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-005A
Client Sample ID: MW-31_02022015
Collection Date: 2/2/2015 1320h
Received Date: 2/6/2015 940h
Test Code: 8260-W

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

Analyzed: 2/6/2015 1348h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	57.6	50.00	115	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.0	50.00	104	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.6	50.00	107	80-124	
Surr: Toluene-d8	2037-26-5	49.3	50.00	98.6	77-129	

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Certificate of Analysis

Report Date: March 5, 2015

Company : Energy Fuels Resources (USA), Inc.
Address : 225 Union Boulevard
Suite 600
Lakewood, Colorado 80228
Contact: Ms. Kathy Weinel
Project: GW Monitoring Project

Client Sample ID: MW-31_02022015
Sample ID: 366895006
Matrix: Ground Water
Collect Date: 02-FEB-15 13:20
Receive Date: 11-FEB-15
Collector: Client

Project: DNMI00106
Client ID: DNMI001

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	0.409	+/-0.285	0.952	1.00	pCi/L		AXM6	03/04/15	0922	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			99.3	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

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Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-32_02092015	Project:	DNMI00100
Sample ID:	367230003	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	09-FEB-15 12:45		
Receive Date:	16-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha		2.19	+/-0.484	0.934	1.00	pCi/L		AXM6	03/04/15	0920	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			100	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-006
Client Sample ID: MW-35_02052015
Collection Date: 2/5/2015 725h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/6/2015 1205h	2/13/2015 857h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	2/6/2015 1205h	2/14/2015 1234h	E200.7	50.0	**492**	
Chromium	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/6/2015 1205h	2/13/2015 857h	E200.8	0.0300	**0.0969**	
Lead	mg/L	2/6/2015 1205h	2/13/2015 857h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/6/2015 1205h	2/14/2015 1234h	E200.7	50.0	**157**	
Manganese	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.0100	**0.223**	
Mercury	mg/L	2/9/2015 1300h	2/10/2015 1007h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/6/2015 1205h	2/14/2015 1134h	E200.7	1.00	**11.8**	
Selenium	mg/L	2/6/2015 1205h	2/16/2015 1830h	E200.8	0.00500	**0.0142**	
Silver	mg/L	2/6/2015 1205h	2/6/2015 2232h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/6/2015 1205h	2/14/2015 1234h	E200.7	50.0	**370**	
Thallium	mg/L	2/6/2015 1205h	2/13/2015 857h	E200.8	0.000500	< 0.000500	
Tin	mg/L	2/6/2015 1205h	2/16/2015 1830h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/6/2015 1205h	2/13/2015 932h	E200.8	0.000300	**0.0206**	
Vanadium	mg/L	2/6/2015 1205h	2/14/2015 1134h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/6/2015 1205h	2/16/2015 1830h	E200.8	0.0100	< 0.0100	

The sample was filtered in the field prior to analysis.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-006
Client Sample ID: MW-35_02052015
Collection Date: 2/5/2015 725h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/6/2015 1007h	2/6/2015 1520h	E350.1	0.0500	**0.240**	
Bicarbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	**326**	
Carbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/11/2015 2116h	E300.0	10.0	**62.6**	
Fluoride	mg/L		2/11/2015 2348h	E300.0	0.100	**0.309**	
Ion Balance	%		2/14/2015	Calc.	-100	**-0.645**	
Nitrate/Nitrite (as N)	mg/L		2/10/2015 1224h	E353.2	0.100	< 0.100	
Sulfate	mg/L		2/11/2015 1613h	E300.0	1,000	**2,220**	
Total Anions, Measured	meq/L		2/14/2015	Calc.		**54.6**	
Total Cations, Measured	meq/L		2/14/2015	Calc.		**53.9**	
Total Dissolved Solids	mg/L		2/6/2015 1300h	SM2540C	20.0	**3,680**	
Total Dissolved Solids Ratio, Measured/Calculated			2/14/2015	Calc.		**1.05**	
Total Dissolved Solids, Calculated	mg/L		2/14/2015	Calc.		**3,510**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-006A
Client Sample ID: MW-35_02052015
Collection Date: 2/5/2015 725h
Received Date: 2/6/2015 940h

Test Code: 8260-W

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

Analyzed: 2/6/2015 1407h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	57.9	50.00	116	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.8	50.00	104	80-128	
Surr: Dibromofluoromethane	1868-53-7	54.2	50.00	108	80-124	
Surr: Toluene-d8	2037-26-5	48.7	50.00	97.3	77-129	

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Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	GW Monitoring Project

Client Sample ID:	MW-35_02052015	Project:	DNMI00106
Sample ID:	366895007	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	05-FEB-15 07:25		
Receive Date:	11-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha		5.61	+/-0.674	0.926	1.00	pCi/L		AXM6	03/04/15	0919	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			99.6	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-002
Client Sample ID: MW-36_02102015
Collection Date: 2/10/2015 1400h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/13/2015 1458h	2/24/2015 314h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	2/13/2015 1458h	2/19/2015 1337h	E200.7	20.0	**446**	
Chromium	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/13/2015 1458h	2/24/2015 1234h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/13/2015 1458h	2/24/2015 314h	E200.8	0.0300	< 0.0300	
Lead	mg/L	2/13/2015 1458h	2/24/2015 314h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/13/2015 1458h	2/19/2015 1337h	E200.7	20.0	**144**	
Manganese	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	2/16/2015 1330h	2/17/2015 914h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/13/2015 1458h	2/19/2015 1611h	E200.7	1.00	**9.75**	
Selenium	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.00500	**0.234**	
Silver	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/13/2015 1458h	2/19/2015 1534h	E200.7	100	**690**	
Thallium	mg/L	2/13/2015 1458h	2/24/2015 314h	E200.8	0.000500	**0.000714**	
Tin	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/13/2015 1458h	2/24/2015 339h	E200.8	0.000300	**0.0225**	
Vanadium	mg/L	2/13/2015 1458h	2/19/2015 1611h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/13/2015 1458h	2/24/2015 216h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-002
Client Sample ID: MW-36_02102015
Collection Date: 2/10/2015 1400h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/19/2015 815h	2/20/2015 1611h	E350.1	0.0500	**0.0826**	
Bicarbonate (as CaCO3)	mg/L		2/16/2015 922h	SM2320B	1.00	**292**	
Carbonate (as CaCO3)	mg/L		2/16/2015 922h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/19/2015 509h	E300.0	10.0	**61.2**	
Fluoride	mg/L		2/19/2015 1118h	E300.0	0.100	**0.279**	
Ion Balance	%		2/19/2015	Calc.	-100	**0.983**	
Nitrate/Nitrite (as N)	mg/L		2/19/2015 1234h	E353.2	0.100	**0.237**	
Sulfate	mg/L		2/18/2015 2041h	E300.0	1,000	**2,670**	
Total Anions, Measured	meq/L		2/19/2015	Calc.		**63.1**	
Total Cations, Measured	meq/L		2/19/2015	Calc.		**64.3**	
Total Dissolved Solids	mg/L		2/13/2015 1220h	SM2540C	20.0	**4,320**	
Total Dissolved Solids Ratio, Measured/Calculated			2/19/2015	Calc.		**1.03**	
Total Dissolved Solids, Calculated	mg/L		2/19/2015	Calc.		**4,190**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-002A
Client Sample ID: MW-36_02102015
Collection Date: 2/10/2015 1400h
Received Date: 2/13/2015 930h
Test Code: 8260-W-DEN100

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

Analyzed: 2/13/2015 1539h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	58.4	50.00	117	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.6	50.00	103	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.0	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	47.7	50.00	95.3	77-129	

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Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-36_02102015	Project:	DNMI00100
Sample ID:	367230001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	10-FEB-15 14:00		
Receive Date:	16-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha		1.01	+/-0.349	0.957	1.00	pCi/L		AXM6	03/04/15	0923	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			103	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1503121-001
Client Sample ID: MW-37_03052015
Collection Date: 3/5/2015 800h
Received Date: 3/9/2015 1125h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	3/10/2015 1534h	3/16/2015 1741h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	3/10/2015 1534h	3/26/2015 1559h	E200.7	20.0	**469**	2
Chromium	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.0100	< 0.0100	
Copper	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.0100	< 0.0100	
Iron	mg/L	3/10/2015 1534h	3/13/2015 2114h	E200.8	0.0300	< 0.0300	
Lead	mg/L	3/10/2015 1534h	3/13/2015 2114h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	3/10/2015 1534h	3/26/2015 1559h	E200.7	20.0	**124**	2
Manganese	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.0100	**0.111**	
Mercury	mg/L	3/10/2015 1600h	3/11/2015 1136h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	3/10/2015 1534h	3/13/2015 1721h	E200.7	1.00	**16.6**	
Selenium	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.00500	**0.00665**	
Silver	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	3/10/2015 1534h	3/26/2015 1559h	E200.7	20.0	**502**	2
Thallium	mg/L	3/10/2015 1534h	3/13/2015 2114h	E200.8	0.000500	**0.00103**	
Tin	mg/L	3/10/2015 1534h	3/11/2015 1720h	E200.8	0.100	< 0.100	
Uranium	mg/L	3/10/2015 1534h	3/13/2015 2152h	E200.8	0.000300	**0.0139**	
Vanadium	mg/L	3/10/2015 1534h	3/13/2015 1721h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	3/10/2015 1534h	3/13/2015 1721h	E200.7	0.0100	**0.0557**	

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Jose Rocha
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1503121-001
Client Sample ID: MW-37_03052015
Collection Date: 3/5/2015 800h
Received Date: 3/9/2015 1125h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	3/10/2015 922h	3/11/2015 1229h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		3/10/2015 742h	SM2320B	1.00	**134**	
Carbonate (as CaCO3)	mg/L		3/10/2015 742h	SM2320B	1.00	< 1.00	
Chloride	mg/L		3/10/2015 2057h	E300.0	10.0	**46.9**	
Fluoride	mg/L		3/10/2015 2114h	E300.0	0.100	**0.314**	
Ion Balance	%		3/26/2015 1657h	Calc.	-100	**-2.90**	
Nitrate/Nitrite (as N)	mg/L		3/10/2015 1320h	E353.2	0.100	< 0.100	
Sulfate	mg/L		3/10/2015 2007h	E300.0	1,000	**2,650**	
Total Anions, Measured	meq/L		3/26/2015 1657h	Calc.		**59.2**	
Total Cations, Measured	meq/L		3/26/2015 1657h	Calc.		**55.9**	
Total Dissolved Solids	mg/L		3/9/2015 1440h	SM2540C	20.0	**3,870**	
Total Dissolved Solids Ratio, Measured/Calculated			3/26/2015 1657h	Calc.		**0.994**	
Total Dissolved Solids, Calculated	mg/L		3/26/2015 1657h	Calc.		**3,890**	

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Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1503121-001A
Client Sample ID: MW-37_03052015
Collection Date: 3/5/2015 800h
Received Date: 3/9/2015 1125h

Test Code: 8260-W-DEN100

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

Analyzed: 3/9/2015 1431h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.8	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.8	50.00	104	80-128	
Surr: Dibromofluoromethane	1868-53-7	48.4	50.00	96.9	80-124	
Surr: Toluene-d8	2037-26-5	51.1	50.00	102	77-129	

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Certificate of Analysis

Report Date: March 28, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-37_03052015	Project:	DNMI00100
Sample ID:	368302001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	05-MAR-15 08:00		
Receive Date:	09-MAR-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	1.00	+/-0.341	0.874	1.00	pCi/L		AXM6	03/20/15	1104	1464191	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			96.4	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-007
Client Sample ID: MW-65-02052015
Collection Date: 2/5/2015 725h
Received Date: 2/6/2015 940h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/6/2015 1205h	2/13/2015 900h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	2/6/2015 1205h	2/14/2015 1242h	E200.7	50.0	**489**	
Chromium	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/6/2015 1205h	2/13/2015 900h	E200.8	0.0300	**0.0955**	
Lead	mg/L	2/6/2015 1205h	2/13/2015 900h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/6/2015 1205h	2/14/2015 1242h	E200.7	50.0	**157**	
Manganese	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.0100	**0.218**	
Mercury	mg/L	2/9/2015 1300h	2/10/2015 1009h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/6/2015 1205h	2/14/2015 1136h	E200.7	1.00	**12.1**	
Selenium	mg/L	2/6/2015 1205h	2/16/2015 1833h	E200.8	0.00500	**0.0146**	
Silver	mg/L	2/6/2015 1205h	2/6/2015 2235h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/6/2015 1205h	2/14/2015 1242h	E200.7	50.0	**369**	
Thallium	mg/L	2/6/2015 1205h	2/13/2015 900h	E200.8	0.000500	< 0.000500	
Tin	mg/L	2/6/2015 1205h	2/16/2015 1833h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/6/2015 1205h	2/13/2015 936h	E200.8	0.000300	**0.0215**	
Vanadium	mg/L	2/6/2015 1205h	2/14/2015 1136h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/6/2015 1205h	2/16/2015 1833h	E200.8	0.0100	< 0.0100	

The sample was filtered in the field prior to analysis.

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-007
Client Sample ID: MW-65-02052015
Collection Date: 2/5/2015 725h
Received Date: 2/6/2015 940h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/6/2015 1007h	2/6/2015 1521h	E350.1	0.0500	**0.235**	
Bicarbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	**326**	
Carbonate (as CaCO3)	mg/L		2/10/2015 907h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/11/2015 2133h	E300.0	10.0	**62.8**	
Fluoride	mg/L		2/12/2015 005h	E300.0	0.100	**0.308**	
Ion Balance	%		2/14/2015	Calc.	-100	**-2.85**	
Nitrate/Nitrite (as N)	mg/L		2/10/2015 1226h	E353.2	0.100	< 0.100	
Sulfate	mg/L		2/11/2015 1703h	E300.0	1,000	**2,330**	
Total Anions, Measured	meq/L		2/14/2015	Calc.		**56.9**	
Total Cations, Measured	meq/L		2/14/2015	Calc.		**53.7**	
Total Dissolved Solids	mg/L		2/6/2015 1300h	SM2540C	20.0	**3,750**	
Total Dissolved Solids Ratio, Measured/Calculated			2/14/2015	Calc.		**1.04**	
Total Dissolved Solids, Calculated	mg/L		2/14/2015	Calc.		**3,620**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-007A
Client Sample ID: MW-65-02052015
Collection Date: 2/5/2015 725h
Received Date: 2/6/2015 940h

Test Code: 8260-W

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

Analyzed: 2/6/2015 1427h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	57.6	50.00	115	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.5	50.00	99.0	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.0	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	47.7	50.00	95.4	77-129	

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Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	GW Monitoring Project

Client Sample ID:	MW-65_02052015	Project:	DNMI00106
Sample ID:	366895008	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	05-FEB-15 07:25		
Receive Date:	11-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha		4.16	+/-0.599	0.939	1.00	pCi/L		AXM6	03/04/15	0922	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			99.3	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-003
Client Sample ID: MW-70_02102015
Collection Date: 2/10/2015 1400h
Received Date: 2/13/2015 930h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	2/13/2015 1458h	2/24/2015 317h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	2/13/2015 1458h	2/19/2015 1339h	E200.7	20.0	**443**	
Chromium	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.0100	< 0.0100	
Copper	mg/L	2/13/2015 1458h	2/24/2015 1237h	E200.8	0.0100	< 0.0100	
Iron	mg/L	2/13/2015 1458h	2/24/2015 317h	E200.8	0.0300	< 0.0300	
Lead	mg/L	2/13/2015 1458h	2/24/2015 317h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	2/13/2015 1458h	2/19/2015 1339h	E200.7	20.0	**140**	
Manganese	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	2/16/2015 1330h	2/17/2015 916h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	2/13/2015 1458h	2/19/2015 1613h	E200.7	1.00	**9.55**	
Selenium	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.00500	**0.234**	
Silver	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	2/13/2015 1458h	2/19/2015 1535h	E200.7	100	**716**	
Thallium	mg/L	2/13/2015 1458h	2/24/2015 317h	E200.8	0.000500	**0.000682**	
Tin	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.100	< 0.100	
Uranium	mg/L	2/13/2015 1458h	2/24/2015 343h	E200.8	0.000300	**0.0219**	
Vanadium	mg/L	2/13/2015 1458h	2/19/2015 1613h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	2/13/2015 1458h	2/24/2015 219h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-003
Client Sample ID: MW-70_02102015
Collection Date: 2/10/2015 1400h
Received Date: 2/13/2015 930h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	2/19/2015 815h	2/20/2015 1612h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		2/16/2015 922h	SM2320B	1.00	**291**	
Carbonate (as CaCO3)	mg/L		2/16/2015 922h	SM2320B	1.00	< 1.00	
Chloride	mg/L		2/19/2015 920h	E300.0	10.0	**58.4**	
Fluoride	mg/L		2/19/2015 1134h	E300.0	0.100	**0.282**	
Ion Balance	%		2/19/2015	Calc.	-100	**1.34**	
Nitrate/Nitrite (as N)	mg/L		2/19/2015 1235h	E353.2	0.100	**0.221**	
Sulfate	mg/L		2/18/2015 2058h	E300.0	1,000	**2,680**	
Total Anions, Measured	meq/L		2/19/2015	Calc.		**63.4**	
Total Cations, Measured	meq/L		2/19/2015	Calc.		**65.1**	
Total Dissolved Solids	mg/L		2/13/2015 1220h	SM2540C	20.0	**4,090**	
Total Dissolved Solids Ratio, Measured/Calculated			2/19/2015	Calc.		**0.968**	
Total Dissolved Solids, Calculated	mg/L		2/19/2015	Calc.		**4,230**	

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Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-003A
Client Sample ID: MW-70_02102015
Collection Date: 2/10/2015 1400h
Received Date: 2/13/2015 930h

Test Code: 8260-W-DEN100

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

Analyzed: 2/13/2015 1559h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	58.6	50.00	117	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.8	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.3	50.00	107	80-124	
Surr: Toluene-d8	2037-26-5	47.0	50.00	94.1	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 5, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-70_02102015	Project:	DNMI00100
Sample ID:	367230004	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	10-FEB-15 14:00		
Receive Date:	16-FEB-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	1.00	+/-0.340	0.928	1.00	pCi/L		AXM6	03/04/15	0922	1459800	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			103	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502108-008A
Client Sample ID: Trip Blank
Collection Date: 2/3/2015
Received Date: 2/6/2015 940h

Test Code: 8260-W

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

Analyzed: 2/6/2015 1446h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	57.6	50.00	115	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.1	50.00	102	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.0	50.00	106	80-124	
Surr: Toluene-d8	2037-26-5	47.7	50.00	95.4	77-129	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1502235-004A
Client Sample ID: Trip Blank
Collection Date: 2/10/2015
Received Date: 2/13/2015 930h

Test Code: 8260-W-DEN100

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

Analyzed: 2/13/2015 1618h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	59.1	50.00	118	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.1	50.00	104	80-128	
Surr: Dibromofluoromethane	1868-53-7	53.6	50.00	107	80-124	
Surr: Toluene-d8	2037-26-5	47.8	50.00	95.5	77-129	

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Sample ID: 1503121-002A
Client Sample ID: Trip Blank
Collection Date: 3/5/2015
Received Date: 3/9/2015 1125h

Test Code: 8260-W-DEN100

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

Analyzed: 3/9/2015 1332h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
2-Butanone	78-93-3	20.0	< 20.0	
Acetone	67-64-1	20.0	< 20.0	
Benzene	71-43-2	1.00	< 1.00	
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Chloroform	67-66-3	1.00	< 1.00	
Chloromethane	74-87-3	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	< 1.00	
Naphthalene	91-20-3	1.00	< 1.00	
Tetrahydrofuran	109-99-9	1.00	< 1.00	
Toluene	108-88-3	1.00	< 1.00	
Xylenes, Total	1330-20-7	1.00	< 1.00	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.4	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	56.0	50.00	112	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.3	50.00	98.6	80-124	
Surr: Toluene-d8	2037-26-5	51.6	50.00	103	77-129	

Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of the previously issued reports.

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Jose Rocha
QA Officer

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 1st Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1502108

American West Analytical Laboratories received 8 sample(s) on 2/6/2015 for the analyses presented in the following report.

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: Jose G. Rocha
Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou, email=jose@awal-labs.com, c=US
Date: 2015.02.23 12:29:01 -07'00'

Laboratory Director or designee

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SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502108
Date Received: 2/6/2015 940h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1502108-001A	MW-11_02032015	2/3/2015	1420h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502108-001B	MW-11_02032015	2/3/2015	1420h	Aqueous	Anions, E300.0
1502108-001B	MW-11_02032015	2/3/2015	1420h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502108-001C	MW-11_02032015	2/3/2015	1420h	Aqueous	Total Dissolved Solids, A2540C
1502108-001D	MW-11_02032015	2/3/2015	1420h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502108-001D	MW-11_02032015	2/3/2015	1420h	Aqueous	Ammonia, Aqueous
1502108-001E	MW-11_02032015	2/3/2015	1420h	Aqueous	ICPMS Metals, Dissolved
1502108-001E	MW-11_02032015	2/3/2015	1420h	Aqueous	Mercury, Drinking Water Dissolved
1502108-001E	MW-11_02032015	2/3/2015	1420h	Aqueous	ICP Metals, Dissolved
1502108-001E	MW-11_02032015	2/3/2015	1420h	Aqueous	Ion Balance
1502108-002A	MW-14_02032015	2/3/2015	1610h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502108-002B	MW-14_02032015	2/3/2015	1610h	Aqueous	Anions, E300.0
1502108-002B	MW-14_02032015	2/3/2015	1610h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502108-002C	MW-14_02032015	2/3/2015	1610h	Aqueous	Total Dissolved Solids, A2540C
1502108-002D	MW-14_02032015	2/3/2015	1610h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502108-002D	MW-14_02032015	2/3/2015	1610h	Aqueous	Ammonia, Aqueous
1502108-002E	MW-14_02032015	2/3/2015	1610h	Aqueous	Ion Balance
1502108-002E	MW-14_02032015	2/3/2015	1610h	Aqueous	Mercury, Drinking Water Dissolved
1502108-002E	MW-14_02032015	2/3/2015	1610h	Aqueous	ICP Metals, Dissolved
1502108-002E	MW-14_02032015	2/3/2015	1610h	Aqueous	ICPMS Metals, Dissolved
1502108-003A	MW-25_02042015	2/4/2015	1450h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502108-003B	MW-25_02042015	2/4/2015	1450h	Aqueous	Anions, E300.0
1502108-003B	MW-25_02042015	2/4/2015	1450h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502108-003C	MW-25_02042015	2/4/2015	1450h	Aqueous	Total Dissolved Solids, A2540C
1502108-003D	MW-25_02042015	2/4/2015	1450h	Aqueous	Ammonia, Aqueous
1502108-003D	MW-25_02042015	2/4/2015	1450h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502108-003E	MW-25_02042015	2/4/2015	1450h	Aqueous	Mercury, Drinking Water Dissolved
1502108-003E	MW-25_02042015	2/4/2015	1450h	Aqueous	ICPMS Metals, Dissolved
1502108-003E	MW-25_02042015	2/4/2015	1450h	Aqueous	Ion Balance

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502108
Date Received: 2/6/2015 940h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1502108-003E	MW-25_02042015	2/4/2015	1450h	Aqueous	ICP Metals, Dissolved
1502108-004A	MW-30_02042015	2/4/2015	1110h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502108-004B	MW-30_02042015	2/4/2015	1110h	Aqueous	Anions, E300.0
1502108-004B	MW-30_02042015	2/4/2015	1110h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502108-004C	MW-30_02042015	2/4/2015	1110h	Aqueous	Total Dissolved Solids, A2540C
1502108-004D	MW-30_02042015	2/4/2015	1110h	Aqueous	Ammonia, Aqueous
1502108-004D	MW-30_02042015	2/4/2015	1110h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502108-004E	MW-30_02042015	2/4/2015	1110h	Aqueous	Ion Balance
1502108-004E	MW-30_02042015	2/4/2015	1110h	Aqueous	ICP Metals, Dissolved
1502108-004E	MW-30_02042015	2/4/2015	1110h	Aqueous	ICPMS Metals, Dissolved
1502108-004E	MW-30_02042015	2/4/2015	1110h	Aqueous	Mercury, Drinking Water Dissolved
1502108-005A	MW-31_02022015	2/2/2015	1320h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502108-005B	MW-31_02022015	2/2/2015	1320h	Aqueous	Anions, E300.0
1502108-005B	MW-31_02022015	2/2/2015	1320h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502108-005C	MW-31_02022015	2/2/2015	1320h	Aqueous	Total Dissolved Solids, A2540C
1502108-005D	MW-31_02022015	2/2/2015	1320h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502108-005D	MW-31_02022015	2/2/2015	1320h	Aqueous	Ammonia, Aqueous
1502108-005E	MW-31_02022015	2/2/2015	1320h	Aqueous	Ion Balance
1502108-005E	MW-31_02022015	2/2/2015	1320h	Aqueous	ICP Metals, Dissolved
1502108-005E	MW-31_02022015	2/2/2015	1320h	Aqueous	ICPMS Metals, Dissolved
1502108-005E	MW-31_02022015	2/2/2015	1320h	Aqueous	Mercury, Drinking Water Dissolved
1502108-006A	MW-35_02052015	2/5/2015	725h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502108-006B	MW-35_02052015	2/5/2015	725h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502108-006B	MW-35_02052015	2/5/2015	725h	Aqueous	Anions, E300.0
1502108-006C	MW-35_02052015	2/5/2015	725h	Aqueous	Total Dissolved Solids, A2540C
1502108-006D	MW-35_02052015	2/5/2015	725h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502108-006D	MW-35_02052015	2/5/2015	725h	Aqueous	Ammonia, Aqueous
1502108-006E	MW-35_02052015	2/5/2015	725h	Aqueous	Ion Balance
1502108-006E	MW-35_02052015	2/5/2015	725h	Aqueous	ICP Metals, Dissolved
1502108-006E	MW-35_02052015	2/5/2015	725h	Aqueous	ICPMS Metals, Dissolved
1502108-006E	MW-35_02052015	2/5/2015	725h	Aqueous	Mercury, Drinking Water Dissolved

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502108
Date Received: 2/6/2015 940h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1502108-007A	MW-65-02052015	2/5/2015	725h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502108-007B	MW-65-02052015	2/5/2015	725h	Aqueous	Anions, E300.0
1502108-007B	MW-65-02052015	2/5/2015	725h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502108-007C	MW-65-02052015	2/5/2015	725h	Aqueous	Total Dissolved Solids, A2540C
1502108-007D	MW-65-02052015	2/5/2015	725h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502108-007D	MW-65-02052015	2/5/2015	725h	Aqueous	Ammonia, Aqueous
1502108-007E	MW-65-02052015	2/5/2015	725h	Aqueous	Ion Balance
1502108-007E	MW-65-02052015	2/5/2015	725h	Aqueous	ICP Metals, Dissolved
1502108-007E	MW-65-02052015	2/5/2015	725h	Aqueous	ICPMS Metals, Dissolved
1502108-007E	MW-65-02052015	2/5/2015	725h	Aqueous	Mercury, Drinking Water Dissolved
1502108-008A	Trip Blank	2/3/2015		Aqueous	VOA by GC/MS Method 8260C/5030C

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Jose Rocha
QA Officer

Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502108

Sample Receipt Information:

Date of Receipt: 2/6/2015
Dates of Collection: 2/2/2015-2/5/2015
Sample Condition: Intact
C-O-C Discrepancies: None

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, DUP:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1502108-001E	Sodium	MS/MSD	High analyte concentration
1502108-001D	Nitrate-Nitrite (as N)	MSD	Sample matrix interference
1502109-003A	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix interference
1502108-001D	Ammonia (as N)	MS/MSD	Sample matrix interference
1502235-001D	Ammonia (as N)	MS/MSD	Sample matrix interference

Duplicate (DUP): The parameters that required a duplicate analysis had RPDs within the control limits.

Corrective Action: None required.

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Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Groundwater 2015
Lab Set ID:	1502108

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Jose Rocha
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Sample Receipt Information:

Date of Receipt:	2/6/2015
Dates of Collection:	2/2/2015-2/5/2015
Sample Condition:	Intact
C-O-C Discrepancies:	None
Method:	SW-846 8260C/5030C
Analysis:	Volatile Organic Compounds

General Set Comments: Multiple target analytes were observed above reporting limits.

Holding Time and Preservation Requirements: All samples were received in appropriate containers and properly preserved.. The analysis and preparation of all samples were performed within the method holding times following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, and Surrogates:

Method Blanks (MBs): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Sample (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**LCS-35428**	Date Analyzed:	02/14/2015 1108h											
Test Code:	200.7-DIS	Date Prepared:	02/06/2015 1205h											
Calcium		9.69	mg/L	E200.7	0.0401	1.00	10.00	0	96.9	85 - 115				
Magnesium		10.5	mg/L	E200.7	0.0294	1.00	10.00	0	105	85 - 115				
Potassium		9.92	mg/L	E200.7	0.247	1.00	10.00	0	99.2	85 - 115				
Vanadium		0.196	mg/L	E200.7	0.00116	0.00500	0.2000	0	97.8	85 - 115				
Lab Sample ID:	**LCS-35428**	Date Analyzed:	02/14/2015 1219h											
Test Code:	200.7-DIS	Date Prepared:	02/06/2015 1205h											
Sodium		10.2	mg/L	E200.7	0.0330	1.00	10.00	0	102	85 - 115				
Lab Sample ID:	**LCS-35429**	Date Analyzed:	02/06/2015 2150h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Arsenic		0.198	mg/L	E200.8	0.0000920	0.00200	0.2000	0	99.0	85 - 115				
Beryllium		0.190	mg/L	E200.8	0.0000288	0.00200	0.2000	0	94.8	85 - 115				
Cadmium		0.186	mg/L	E200.8	0.000193	0.000500	0.2000	0	92.9	85 - 115				
Chromium		0.183	mg/L	E200.8	0.00154	0.00200	0.2000	0	91.7	85 - 115				
Cobalt		0.182	mg/L	E200.8	0.0000434	0.00400	0.2000	0	91.1	85 - 115				
Copper		0.185	mg/L	E200.8	0.000692	0.00200	0.2000	0	92.7	85 - 115				
Iron		0.897	mg/L	E200.8	0.0118	0.100	1.000	0	89.7	85 - 115				
Lead		0.186	mg/L	E200.8	0.000264	0.00200	0.2000	0	92.8	85 - 115				
Manganese		0.182	mg/L	E200.8	0.00153	0.00200	0.2000	0	90.8	85 - 115				
Molybdenum		0.192	mg/L	E200.8	0.000206	0.00200	0.2000	0	96.0	85 - 115				
Nickel		0.183	mg/L	E200.8	0.000754	0.00200	0.2000	0	91.3	85 - 115				
Silver		0.187	mg/L	E200.8	0.0000244	0.00200	0.2000	0	93.5	85 - 115				
Thallium		0.178	mg/L	E200.8	0.0000242	0.00200	0.2000	0	89.1	85 - 115				
Uranium		0.194	mg/L	E200.8	0.0000112	0.00200	0.2000	0	96.9	85 - 115				
Lab Sample ID:	**LCS-35429**	Date Analyzed:	02/16/2015 1752h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.200	mg/L	E200.8	0.0000634	0.00200	0.2000	0	99.8	85 - 115				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**LCS-35429**	Date Analyzed:	02/16/2015 1752h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Tin		0.921	mg/L	E200.8	0.000348	0.00200	1.000	0	92.1	85 - 115				
Zinc		0.966	mg/L	E200.8	0.00476	0.00500	1.000	0	96.6	85 - 115				
Lab Sample ID:	**LCS-35464**	Date Analyzed:	02/10/2015 945h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	02/09/2015 1300h											
Mercury		0.00310	mg/L	E245.1	0.00000892	0.000150	0.003330	0	93.2	85 - 115				

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-35428	Date Analyzed:	02/14/2015 1106h											
Test Code: 200.7-DIS	Date Prepared:	02/06/2015 1205h											
Calcium	< 1.00	mg/L	E200.7	0.0401	1.00								
Magnesium	< 1.00	mg/L	E200.7	0.0294	1.00								
Potassium	< 1.00	mg/L	E200.7	0.247	1.00								
Vanadium	< 0.00500	mg/L	E200.7	0.00116	0.00500								
Lab Sample ID: MB-35428	Date Analyzed:	02/14/2015 1217h											
Test Code: 200.7-DIS	Date Prepared:	02/06/2015 1205h											
Sodium	< 1.00	mg/L	E200.7	0.0330	1.00								
Lab Sample ID: MB-35429	Date Analyzed:	02/06/2015 2147h											
Test Code: 200.8-DIS	Date Prepared:	02/06/2015 1205h											
Arsenic	< 0.00200	mg/L	E200.8	0.0000920	0.00200								
Cadmium	< 0.000500	mg/L	E200.8	0.000193	0.000500								
Chromium	< 0.00200	mg/L	E200.8	0.00154	0.00200								
Cobalt	< 0.00400	mg/L	E200.8	0.0000434	0.00400								
Copper	< 0.00200	mg/L	E200.8	0.000692	0.00200								
Manganese	< 0.00200	mg/L	E200.8	0.00153	0.00200								
Molybdenum	< 0.00200	mg/L	E200.8	0.000206	0.00200								
Nickel	< 0.00200	mg/L	E200.8	0.000754	0.00200								
Silver	< 0.00200	mg/L	E200.8	0.0000244	0.00200								
Lab Sample ID: MB-35429	Date Analyzed:	02/13/2015 838h											
Test Code: 200.8-DIS	Date Prepared:	02/06/2015 1205h											
Beryllium	< 0.000500	mg/L	E200.8	0.00000720	0.000500								
Iron	< 0.0250	mg/L	E200.8	0.00296	0.0250								
Lead	< 0.000500	mg/L	E200.8	0.0000660	0.000500								
Thallium	< 0.000500	mg/L	E200.8	0.00000605	0.000500								

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**MB-35429**	Date Analyzed:	02/13/2015 913h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID:	**MB-35429**	Date Analyzed:	02/16/2015 1748h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		< 0.00200	mg/L	E200.8	0.0000634	0.00200								
Tin		< 0.00200	mg/L	E200.8	0.000348	0.00200								
Zinc		< 0.00500	mg/L	E200.8	0.00476	0.00500								
Lab Sample ID:	**MB-35464**	Date Analyzed:	02/10/2015 944h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	02/09/2015 1300h											
Mercury		< 0.000150	mg/L	E245.1	0.00000892	0.000150								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502108-001EMS**	Date Analyzed:	02/14/2015 1116h											
Test Code:	200.7-DIS	Date Prepared:	02/06/2015 1205h											
Magnesium		29.3	mg/L	E200.7	0.0294	1.00	10.00	19.9	94.3	70 - 130				
Potassium		16.8	mg/L	E200.7	0.247	1.00	10.00	6.77	101	70 - 130				
Vanadium		0.191	mg/L	E200.7	0.00116	0.00500	0.2000	0	95.4	70 - 130				
Lab Sample ID:	**1502108-001EMS**	Date Analyzed:	02/14/2015 1223h											
Test Code:	200.7-DIS	Date Prepared:	02/06/2015 1205h											
Calcium		68.0	mg/L	E200.7	2.00	50.0	10.00	61	70.3	70 - 130				
Sodium		570	mg/L	E200.7	1.65	50.0	10.00	576	-53.0	70 - 130				S
Lab Sample ID:	**1502108-001EMS**	Date Analyzed:	02/06/2015 2203h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Arsenic		0.229	mg/L	E200.8	0.0000920	0.00200	0.2000	0	115	75 - 125				
Beryllium		0.195	mg/L	E200.8	0.0000288	0.00200	0.2000	0	97.6	75 - 125				
Cadmium		0.203	mg/L	E200.8	0.000193	0.000500	0.2000	0	101	75 - 125				
Chromium		0.205	mg/L	E200.8	0.00154	0.00200	0.2000	0	102	75 - 125				
Cobalt		0.205	mg/L	E200.8	0.0000434	0.00400	0.2000	0.000382	102	75 - 125				
Copper		0.203	mg/L	E200.8	0.000692	0.00200	0.2000	0	102	75 - 125				
Iron		1.06	mg/L	E200.8	0.0118	0.100	1.000	0.0643	100	75 - 125				
Lead		0.198	mg/L	E200.8	0.000264	0.00200	0.2000	0	98.9	75 - 125				
Manganese		0.343	mg/L	E200.8	0.00153	0.00200	0.2000	0.138	102	75 - 125				
Molybdenum		0.220	mg/L	E200.8	0.000206	0.00200	0.2000	0.00249	109	75 - 125				
Nickel		0.202	mg/L	E200.8	0.000754	0.00200	0.2000	0	101	75 - 125				
Silver		0.201	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000607	101	75 - 125				
Thallium		0.190	mg/L	E200.8	0.0000242	0.00200	0.2000	0.0000775	94.8	75 - 125				
Uranium		0.211	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000564	105	75 - 125				
Lab Sample ID:	**1502108-001EMS**	Date Analyzed:	02/16/2015 1758h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.228	mg/L	E200.8	0.0000634	0.00200	0.2000	0.000167	114	75 - 125				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502108-001EMS**	Date Analyzed:	02/16/2015 1758h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Tin		1.06	mg/L	E200.8	0.000348	0.00200	1.000	0	106	75 - 125				
Zinc		1.11	mg/L	E200.8	0.00476	0.00500	1.000	0	111	75 - 125				
Lab Sample ID:	**1502109-001AMS**	Date Analyzed:	02/16/2015 1849h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.350	mg/L	E200.8	0.0000634	0.00200	0.2000	0.125	113	75 - 125				
Thallium		0.204	mg/L	E200.8	0.0000242	0.00200	0.2000	0.0000311	102	75 - 125				
Lab Sample ID:	**1502108-001EMS**	Date Analyzed:	02/10/2015 952h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	02/09/2015 1300h											
Mercury		0.00367	mg/L	E245.1	0.00000892	0.000150	0.003330	0	110	85 - 115				

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502108-001EMSD	Date Analyzed:	02/14/2015 1118h											
Test Code: 200.7-DIS	Date Prepared:	02/06/2015 1205h											
Magnesium	28.7	mg/L	E200.7	0.0294	1.00	10.00	19.9	88.6	70 - 130	29.3	1.95	20	
Potassium	16.6	mg/L	E200.7	0.247	1.00	10.00	6.77	98.2	70 - 130	16.8	1.41	20	
Vanadium	0.189	mg/L	E200.7	0.00116	0.00500	0.2000	0	94.6	70 - 130	0.191	0.862	20	
Lab Sample ID: 1502108-001EMSD	Date Analyzed:	02/14/2015 1225h											
Test Code: 200.7-DIS	Date Prepared:	02/06/2015 1205h											
Calcium	68.5	mg/L	E200.7	2.00	50.0	10.00	61	75.4	70 - 130	68	0.750	20	
Sodium	576	mg/L	E200.7	1.65	50.0	10.00	576	2.75	70 - 130	570	0.973	20	2
Lab Sample ID: 1502108-001EMSD	Date Analyzed:	02/06/2015 2206h											
Test Code: 200.8-DIS	Date Prepared:	02/06/2015 1205h											
Arsenic	0.221	mg/L	E200.8	0.0000920	0.00200	0.2000	0	111	75 - 125	0.229	3.38	20	
Beryllium	0.188	mg/L	E200.8	0.0000288	0.00200	0.2000	0	94.2	75 - 125	0.195	3.47	20	
Cadmium	0.193	mg/L	E200.8	0.000193	0.000500	0.2000	0	96.6	75 - 125	0.203	4.72	20	
Chromium	0.193	mg/L	E200.8	0.00154	0.00200	0.2000	0	96.6	75 - 125	0.205	5.79	20	
Cobalt	0.193	mg/L	E200.8	0.0000434	0.00400	0.2000	0.000382	96.3	75 - 125	0.205	5.95	20	
Copper	0.194	mg/L	E200.8	0.000692	0.00200	0.2000	0	96.9	75 - 125	0.203	4.88	20	
Iron	1.01	mg/L	E200.8	0.0118	0.100	1.000	0.0643	94.5	75 - 125	1.06	5.32	20	
Lead	0.189	mg/L	E200.8	0.000264	0.00200	0.2000	0	94.6	75 - 125	0.198	4.40	20	
Manganese	0.323	mg/L	E200.8	0.00153	0.00200	0.2000	0.138	92.6	75 - 125	0.343	5.84	20	
Molybdenum	0.208	mg/L	E200.8	0.000206	0.00200	0.2000	0.00249	103	75 - 125	0.22	5.47	20	
Nickel	0.193	mg/L	E200.8	0.000754	0.00200	0.2000	0	96.4	75 - 125	0.202	4.83	20	
Silver	0.192	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000607	96.1	75 - 125	0.201	4.70	20	
Thallium	0.181	mg/L	E200.8	0.0000242	0.00200	0.2000	0.0000775	90.6	75 - 125	0.19	4.62	20	
Uranium	0.201	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000564	100	75 - 125	0.211	4.80	20	
Lab Sample ID: 1502108-001EMSD	Date Analyzed:	02/16/2015 1811h											
Test Code: 200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium	0.210	mg/L	E200.8	0.0000634	0.00200	0.2000	0.000167	105	75 - 125	0.228	8.12	20	

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502108-001EMSD**	Date Analyzed:	02/16/2015 1811h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Tin		0.964	mg/L	E200.8	0.000348	0.00200	1.000	0	96.4	75 - 125	1.06	9.20	20	
Zinc		1.01	mg/L	E200.8	0.00476	0.00500	1.000	0	101	75 - 125	1.11	8.78	20	
Lab Sample ID:	**1502109-001AMSD**	Date Analyzed:	02/16/2015 1852h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.315	mg/L	E200.8	0.0000634	0.00200	0.2000	0.125	94.7	75 - 125	0.35	10.7	20	
Thallium		0.181	mg/L	E200.8	0.0000242	0.00200	0.2000	0.0000311	90.3	75 - 125	0.204	12.4	20	
Lab Sample ID:	**1502108-001EMSD**	Date Analyzed:	02/10/2015 954h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	02/09/2015 1300h											
Mercury		0.00312	mg/L	E245.1	0.00000892	0.000150	0.003330	0	93.6	85 - 115	0.00367	16.2	20	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502108-001CDUP Date Analyzed: 02/06/2015 1300h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	1,940	mg/L	SM2540C	12.3	20.0					1880	2.93	5	
Lab Sample ID: 1502109-002BDUP Date Analyzed: 02/06/2015 1300h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	3,300	mg/L	SM2540C	12.3	20.0					3240	1.83	5	

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R75612	Date Analyzed:	02/11/2015 1432h											
Test Code: 300.0-W													
Chloride	5.05	mg/L	E300.0	0.00751	0.100	5.000	0	101	90 - 110				
Fluoride	5.19	mg/L	E300.0	0.00681	0.100	5.000	0	104	90 - 110				
Sulfate	4.91	mg/L	E300.0	0.0211	0.750	5.000	0	98.1	90 - 110				
Lab Sample ID: LCS-R75513	Date Analyzed:	02/10/2015 907h											
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	50,700	mg/L	SM2320B	0.504	1.00	50,000	0	101	90 - 110				
Lab Sample ID: LCS-35421	Date Analyzed:	02/06/2015 1456h											
Test Code: NH3-W-350.1	Date Prepared:	02/06/2015 907h											
Ammonia (as N)	9.76	mg/L	E350.1	0.0226	0.0500	10.00	0	97.6	90 - 110				
Lab Sample ID: LCS-35646	Date Analyzed:	02/20/2015 1525h											
Test Code: NH3-W-350.1	Date Prepared:	02/19/2015 815h											
Ammonia (as N)	10.7	mg/L	E350.1	0.0226	0.0500	10.00	0	107	90 - 110				
Lab Sample ID: LCS-R75533	Date Analyzed:	02/10/2015 1200h											
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.917	mg/L	E353.2	0.00833	0.0100	1.000	0	91.7	90 - 110				
Lab Sample ID: LCS-R75486	Date Analyzed:	02/06/2015 1300h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	214	mg/L	SM2540C	6.13	10.0	205.0	0	104	80 - 120				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-R75612	Date Analyzed:	02/11/2015 1415h											
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Fluoride	< 0.100	mg/L	E300.0	0.00681	0.100								
Sulfate	< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID: MB-R75513	Date Analyzed:	02/10/2015 907h											
Test Code: ALK-W-2320B-LL													
Bicarbonate (as CaCO3)	< 1.00	mg/L	SM2320B	0.504	1.00								
Carbonate (as CaCO3)	< 1.00	mg/L	SM2320B	0.504	1.00								
Lab Sample ID: MB-35421	Date Analyzed:	02/06/2015 1455h											
Test Code: NH3-W-350.1	Date Prepared:	02/06/2015 907h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-35646	Date Analyzed:	02/20/2015 1524h											
Test Code: NH3-W-350.1	Date Prepared:	02/19/2015 815h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R75533	Date Analyzed:	02/10/2015 1157h											
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								
Lab Sample ID: MB-R75486	Date Analyzed:	02/06/2015 1300h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502108-001BMS**	Date Analyzed:	02/11/2015 1505h											
Test Code:	300.0-W													
Chloride		4,560	mg/L	E300.0	7.51	100	5,000	31	90.7	90 - 110				
Fluoride		4,980	mg/L	E300.0	6.81	100	5,000	0	99.5	90 - 110				
Sulfate		5,770	mg/L	E300.0	21.1	750	5,000	1110	93.2	90 - 110				
Lab Sample ID:	**1502109-002CMS**	Date Analyzed:	02/11/2015 1737h											
Test Code:	300.0-W													
Sulfate		7,010	mg/L	E300.0	21.1	750	5,000	1810	104	90 - 110				
Lab Sample ID:	**1502108-004BMS**	Date Analyzed:	02/11/2015 1901h											
Test Code:	300.0-W													
Chloride		637	mg/L	E300.0	0.751	10.0	500.0	136	100	90 - 110				
Fluoride		504	mg/L	E300.0	0.681	10.0	500.0	0	101	90 - 110				
Sulfate		1,270	mg/L	E300.0	2.11	75.0	500.0	750	104	90 - 110				
Lab Sample ID:	**1502108-001BMS**	Date Analyzed:	02/10/2015 907h											
Test Code:	ALK-W-2320B-LL													
Alkalinity (as CaCO3)		355	mg/L	SM2320B	0.504	1.00	50.00	306	98.0	80 - 120				
Lab Sample ID:	**1502108-001DMS**	Date Analyzed:	02/06/2015 1513h											
Test Code:	NH3-W-350.1	Date Prepared:	02/06/2015 1007h											
Ammonia (as N)		13.3	mg/L	E350.1	0.0226	0.0500	10.00	0.84	125	90 - 110				!
Lab Sample ID:	**1502235-001DMS**	Date Analyzed:	02/20/2015 1608h											
Test Code:	NH3-W-350.1	Date Prepared:	02/19/2015 815h											
Ammonia (as N)		12.2	mg/L	E350.1	0.0226	0.0500	10.00	0.207	120	90 - 110				!
Lab Sample ID:	**1502108-001DMS NO3**	Date Analyzed:	02/10/2015 1209h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		0.958	mg/L	E353.2	0.00833	0.0100	1.000	0	95.8	90 - 110				

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502109-003AMS NO3 Date Analyzed: 02/10/2015 1244h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	4.24	mg/L	E353.2	0.0833	0.100	1.000	2.91	134	90 - 110				1

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

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502108-001BMSD Date Analyzed: 02/11/2015 1522h Test Code: 300.0-W													
Chloride	4,960	mg/L	E300.0	7.51	100	5,000	31	98.5	90 - 110	4560	8.21	20	
Fluoride	5,110	mg/L	E300.0	6.81	100	5,000	0	102	90 - 110	4980	2.55	20	
Sulfate	6,330	mg/L	E300.0	21.1	750	5,000	1110	104	90 - 110	5770	9.13	20	
Lab Sample ID: 1502109-002CMSD Date Analyzed: 02/11/2015 1754h Test Code: 300.0-W													
Sulfate	6,810	mg/L	E300.0	21.1	750	5,000	1810	99.8	90 - 110	7010	2.97	20	
Lab Sample ID: 1502108-004BMSD Date Analyzed: 02/11/2015 1918h Test Code: 300.0-W													
Chloride	634	mg/L	E300.0	0.751	10.0	500.0	136	99.6	90 - 110	637	0.481	20	
Fluoride	505	mg/L	E300.0	0.681	10.0	500.0	0	101	90 - 110	504	0.0908	20	
Sulfate	1,270	mg/L	E300.0	2.11	75.0	500.0	750	104	90 - 110	1270	0.0535	20	
Lab Sample ID: 1502108-001BMSD Date Analyzed: 02/10/2015 907h Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	357	mg/L	SM2320B	0.504	1.00	50.00	306	101	80 - 120	355	0.478	10	
Lab Sample ID: 1502108-001DMSD Date Analyzed: 02/06/2015 1514h Test Code: NH3-W-350.1 Date Prepared: 02/06/2015 1007h													
Ammonia (as N)	13.0	mg/L	E350.1	0.0226	0.0500	10.00	0.84	121	90 - 110	13.3	2.66	10	'
Lab Sample ID: 1502235-001DMSD Date Analyzed: 02/20/2015 1609h Test Code: NH3-W-350.1 Date Prepared: 02/19/2015 815h													
Ammonia (as N)	12.4	mg/L	E350.1	0.0226	0.0500	10.00	0.207	122	90 - 110	12.3	0.975	10	'
Lab Sample ID: 1502108-001DMSD NO3 Date Analyzed: 02/10/2015 1217h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.876	mg/L	E353.2	0.00833	0.0100	1.000	0	87.6	90 - 110	0.958	8.89	10	'

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502109-003AMSD NO3 Date Analyzed: 02/10/2015 1246h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	4.23	mg/L	E353.2	0.0833	0.100	1.000	2.91	132	90 - 110	4.25	0.307	10	'

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

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-1 020615A Date Analyzed: 02/06/2015 652h													
Test Code: 8260-W													
Benzene	20.7	µg/L	SW8260C	0.270	1.00	20.00	0	103	62 - 127				
Chloroform	21.5	µg/L	SW8260C	0.153	1.00	20.00	0	108	67 - 132				
Methylene chloride	17.6	µg/L	SW8260C	0.172	1.00	20.00	0	87.8	32 - 185				
Naphthalene	14.9	µg/L	SW8260C	0.587	1.00	20.00	0	74.5	28 - 136				
Tetrahydrofuran	17.5	µg/L	SW8260C	0.516	1.00	20.00	0	87.4	43 - 146				
Toluene	20.7	µg/L	SW8260C	0.183	1.00	20.00	0	103	64 - 129				
Xylenes, Total	64.7	µg/L	SW8260C	0.857	1.00	60.00	0	108	52 - 134				
Surr: 1,2-Dichloroethane-d4	54.2	µg/L	SW8260C			50.00		108	76 - 138				
Surr: 4-Bromofluorobenzene	48.1	µg/L	SW8260C			50.00		96.1	77 - 121				
Surr: Dibromofluoromethane	52.3	µg/L	SW8260C			50.00		105	67 - 128				
Surr: Toluene-d8	49.9	µg/L	SW8260C			50.00		99.7	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-1 020615A Date Analyzed: 02/06/2015 731h													
Test Code: 8260-W													
2-Butanone	< 20.0	µg/L	SW8260C	4.11	20.0								
Acetone	< 20.0	µg/L	SW8260C	1.70	20.0								
Benzene	< 1.00	µg/L	SW8260C	0.270	1.00								
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.163	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Naphthalene	< 1.00	µg/L	SW8260C	0.587	1.00								
Tetrahydrofuran	< 1.00	µg/L	SW8260C	0.516	1.00								
Toluene	< 1.00	µg/L	SW8260C	0.183	1.00								
Xylenes, Total	< 1.00	µg/L	SW8260C	0.857	1.00								
Surr: 1,2-Dichloroethane-d4	57.4	µg/L	SW8260C			50.00		115	76 - 138				
Surr: 4-Bromofluorobenzene	48.8	µg/L	SW8260C			50.00		97.5	77 - 121				
Surr: Dibromofluoromethane	53.8	µg/L	SW8260C			50.00		108	67 - 128				
Surr: Toluene-d8	48.6	µg/L	SW8260C			50.00		97.1	81 - 135				

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Contact: Garrin Palmer
Dept: MSVOA
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502108-001AMS Date Analyzed: 02/06/2015 1505h													
Test Code: 8260-W													
Benzene	20.3	µg/L	SW8260C	0.270	2.00	20.00	0	102	66 - 145				
Chloroform	21.4	µg/L	SW8260C	0.153	2.00	20.00	0	107	50 - 146				
Methylene chloride	17.6	µg/L	SW8260C	0.172	2.00	20.00	0	88.1	30 - 192				
Naphthalene	14.0	µg/L	SW8260C	0.587	2.00	20.00	0	69.8	41 - 131				
Tetrahydrofuran	22.1	µg/L	SW8260C	0.516	2.00	20.00	0	111	43 - 146				
Toluene	19.8	µg/L	SW8260C	0.183	2.00	20.00	0	99.0	18 - 192				
Xylenes, Total	60.5	µg/L	SW8260C	0.857	2.00	60.00	0	101	42 - 167				
Surr: 1,2-Dichloroethane-d4	55.0	µg/L	SW8260C			50.00		110	72 - 151				
Surr: 4-Bromofluorobenzene	48.8	µg/L	SW8260C			50.00		97.5	80 - 128				
Surr: Dibromofluoromethane	51.3	µg/L	SW8260C			50.00		103	80 - 124				
Surr: Toluene-d8	46.5	µg/L	SW8260C			50.00		93.0	77 - 129				

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502108
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502108-001AMSD Date Analyzed: 02/06/2015 1525h													
Test Code: 8260-W													
Benzene	20.8	µg/L	SW8260C	0.270	2.00	20.00	0	104	66 - 145	20.3	2.14	25	
Chloroform	21.8	µg/L	SW8260C	0.153	2.00	20.00	0	109	50 - 146	21.4	1.94	25	
Methylene chloride	17.5	µg/L	SW8260C	0.172	2.00	20.00	0	87.7	30 - 192	17.6	0.455	25	
Naphthalene	14.5	µg/L	SW8260C	0.587	2.00	20.00	0	72.7	41 - 131	14	3.93	25	
Tetrahydrofuran	20.9	µg/L	SW8260C	0.516	2.00	20.00	0	104	43 - 146	22.1	5.81	25	
Toluene	20.3	µg/L	SW8260C	0.183	2.00	20.00	0	101	18 - 192	19.8	2.45	25	
Xylenes, Total	62.3	µg/L	SW8260C	0.857	2.00	60.00	0	104	42 - 167	60.5	2.91	25	
Surr: 1,2-Dichloroethane-d4	55.1	µg/L	SW8260C			50.00		110	72 - 151				
Surr: 4-Bromofluorobenzene	50.0	µg/L	SW8260C			50.00		100	80 - 128				
Surr: Dibromofluoromethane	51.2	µg/L	SW8260C			50.00		102	80 - 124				
Surr: Toluene-d8	47.3	µg/L	SW8260C			50.00		94.5	77 - 129				

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1502108**

Client: Energy Fuels Resources, Inc. Due Date: 2/17/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **1st Quarter Groundwater 2015** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). Alkalinity must be run at full volume, use ALK-W-2320B-LL test code. Groundwater project specific DL's: Assumes dilution of 2 for U, 5 for Be, Fe, Pb, and Tl, and 20X for others for required 200.8 PQLs. Run 200.8 on the Agilent. EDD-Denison and EIM-Locus. Email Group. Sample for dissolved metals were field filtered.; DB

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502108-001A	**MW-11_02032015**	2/3/2015 1420h	2/6/2015 0940h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 11 / # of Surr: 4				
1502108-001B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1502108-001C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				
1502108-001D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502108-001E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	
				HG-DW-DIS-245.1		☑	df-met	
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502108-002A	**MW-14_02032015**	2/3/2015 1610h	2/6/2015 0940h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 11 / # of Surr: 4				
1502108-002B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				

Printed: 2/10/2015 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed_____

WORK ORDER Summary

Work Order: **1502108**

Client: Energy Fuels Resources, Inc. Due Date: 2/17/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502108-002C	**MW-14_02032015**	2/3/2015 1610h	2/6/2015 0940h	**TDS-W-2540C**	Aqueous	☑	ww - tds	1
				1 SEL Analytes: TDS				
1502108-002D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502108-002E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	
				HG-DW-DIS-245.1		☑	df-met	
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502108-003A	**MW-25_02042015**	2/4/2015 1450h	2/6/2015 0940h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 11 / # of Surr: 4				
1502108-003B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1502108-003C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				
1502108-003D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502108-003E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	

WORK ORDER Summary

Work Order: **1502108**

Client: Energy Fuels Resources, Inc. Due Date: 2/17/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502108-003E	**MW-25_02042015**	2/4/2015 1450h	2/6/2015 0940h	**HG-DW-DIS-245.1**	Aqueous	☑	df-met	1
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502108-004A	**MW-30_02042015**	2/4/2015 1110h	2/6/2015 0940h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 11 / # of Surr: 4				
1502108-004B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1502108-004C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				
1502108-004D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502108-004E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	
				HG-DW-DIS-245.1		☑	df-met	
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502108-005A	**MW-31_02022015**	2/2/2015 1320h	2/6/2015 0940h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 11 / # of Surr: 4				
1502108-005B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1502108-005C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				

WORK ORDER Summary

Work Order: **1502108**

Client: Energy Fuels Resources, Inc. Due Date: 2/17/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502108-005D	**MW-31_02022015**	2/2/2015 1320h	2/6/2015 0940h	**NH3-W-350.1**	Aqueous	☑	df - no2/no3 & nh3	1
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502108-005E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	
				HG-DW-DIS-245.1		☑	df-met	
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502108-006A	**MW-35_02052015**	2/5/2015 0725h	2/6/2015 0940h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 11 / # of Surr: 4				
1502108-006B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1502108-006C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				
1502108-006D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502108-006E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	
				HG-DW-DIS-245.1		☑	df-met	
				1 SEL Analytes: HG				

WORK ORDER Summary

Work Order: **1502108**

Client: Energy Fuels Resources, Inc. Due Date: 2/17/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502108-006E	**MW-35_02052015**	2/5/2015 0725h	2/6/2015 0940h	**HG-DW-DIS-PR**	Aqueous	☑	df-met	1
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502108-007A	**MW-65-02052015**	2/5/2015 0725h	2/6/2015 0940h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 11 / # of Surr: 4				
1502108-007B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1502108-007C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				
1502108-007D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502108-007E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	
				HG-DW-DIS-245.1		☑	df-met	
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502108-008A	**Trip Blank**	2/3/2015	2/6/2015 0940h	**8260-W**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-Custom; # of Analytes: 11 / # of Surr: 4				

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www.awal-labs.com

CHAIN OF CUSTODY

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

1502108
AWAL Lab Sample Set #
Page 1 of 1

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **1st Quarter Groundwater 2015**
Project #:
PO #:
Sampler Name: **Tanner Holliday, Garrin Palmer**

X Include EDD:
LOCUS UPLOAD
EXCEL
X Field Filtered For:
Dissolved Metals

For Compliance With:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ Non-Compliance
☐ Other:

Known Hazards & Sample Comments

	Sample ID:	Date Sampled	Time Sampled	# of Containers	Sample Matrix	NO2/NO3 (353.2)	NH3 (4500G or 350.1)	Fl, Cl, SO4 (4500 or 300.0)	TDS (2540C)	Carb/Bicarb (2320B)	Dissolved Metals (200.7/200.8/245.1)	As, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Mo,	Ni, Se, Ag, Tl, Sn, U, V, Zn, Na, K, Mg, Ca	Ion Balance	VOCs (8260C)	Known Hazards & Sample Comments
1	MW-11_02032015	2/3/15	1420	7	W	x	x	x	x	x	x	x	x	x	x	
2	MW-14_02032015	2/3/2015	1610	7	W	x	x	x	x	x	x	x	x	x	x	
3	MW-25_02042015	2/4/2015	1450	7	W	x	x	x	x	x	x	x	x	x	x	
4	MW-30_02042015	2/4/2015	1110	7	W	x	x	x	x	x	x	x	x	x	x	
5	MW-31_02022015	2/2/2015	1320	7	W	x	x	x	x	x	x	x	x	x	x	
6	MW-35_02052015	2/5/2015	725	7	W	x	x	x	x	x	x	x	x	x	x	
7	MW-65_02052015	2/5/2015	725	7	W	x	x	x	x	x	x	x	x	x	x	
8	Trip Blank	2/3/15		3	W										X	
9	Temp Blank			1	W											
10																
11																
12																

Laboratory Use Only

Samples Were: Fed Ex
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 3.5 °C
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
Checked at bench Y N
6 Received Within Holding Times Y N

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y N

Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Garrin Palmer	2/5/15	1200			
Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Relinquished by: Signature	Date:	Time:	Received by: Signature Denise Brown	Date: 2/10/15	Time: 9:40

Special Instructions:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Table 3 – AWAL Analyte List, Reporting Limits and Analytical Method Requirements

Contaminant	Analytical Methods to be Used	Reporting Limit	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
Nutrients					
Ammonia (as N)	A4500-NH3 G or E350.1	0.05 mg/L	28 days	H_2SO_4 to pH<2	≤ 6°C
Nitrate & Nitrite (as N)	E353.1 or E353.2	0.1 mg/L	28 days	H_2SO_4 to pH<2	≤ 6°C
Volatile Organic Compounds – Groundwater, Seeps and Springs and Tailings Impoundment					
Acetone	SW8260B or SW8260C	20 µg/L	14 days	HCl to pH<2	≤ 6°C
Benzene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
2-Butanone (MEK)	SW8260B or SW8260C	20 µg/L	14 days	HCl to pH<2	≤ 6°C
Carbon Tetrachloride	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloroform	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloromethane	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Dichloromethane (Methylene Chloride)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Naphthalene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Tetrahydrofuran	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Toluene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Xylenes (total)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Others					
Fluoride	A4500-F C or E300.0	0.1 mg/L	28 days	None	≤ 6°C
TDS	A2540 C	10 mg/L	7 days	None	≤ 6°C

Contaminant	Analytical Methods to be Used	Reporting Limit	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
General Inorganics					
Chloride	A4500-Cl B or A4500-Cl E or E300.0	1 mg/L	28 days	None	≤ 6°C
Sulfate	A4500-SO4 E or E300.0	1 mg/L	28 days	None	≤ 6°C
Carbonate as CO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Bicarbonate as HCO3	A2320 B	1 mg/L	14 days	None	
Volatile Organic Compounds –Chloroform Program					
Carbon Tetrachloride	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloroform	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Dichloromethane (Methylene Chloride)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloromethane	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
SVOCs – Tailings Impoundment Samples Only					
1,2,4-Trichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,2-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,3-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1,4-Dichlorobenzene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
1-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,5-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4,6-Trichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dichlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dimethylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrophenol	SW8270D	<20 ug/L	7/40 days	None	≤ 6°C
2,4-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2,6-Dinitrotoluene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chloronaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Chlorophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylnaphthalene	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
2-Nitrophenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3&4-Methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
3,3'-Dichlorobenzidine	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C
4,6-Dinitro-2-methylphenol	SW8270D	<10 ug/L	7/40 days	None	≤ 6°C

-RW 6/5/13

Table 3 – GEL Groundwater, Tailings Impoundment, and Seeps and Springs Sampling

Contaminant	Analytical Methods to be Used	Reporting Limit	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
Heavy Metals					
Arsenic	E200.7 or E200.8	5 µg/L	6 months	HNO_3 to pH<2	None
Beryllium	E200.7 or E200.8	0.50 µg/L	6 months	HNO_3 to pH<2	None
Cadmium	E200.7 or E200.8	0.50 µg/L	6 months	HNO_3 to pH<2	None
Chromium	E200.7 or E200.8	25 µg/L	6 months	HNO_3 to pH<2	None
Cobalt	E200.7 or E200.8	10 µg/L	6 months	HNO_3 to pH<2	None
Copper	E200.7 or E200.8	10 µg/L	6 months	HNO_3 to pH<2	None
Iron	E200.7 or E200.8	30 µg/L	6 months	HNO_3 to pH<2	None
Lead	E200.7 or E200.8 **-RW 3/27/13	1.0 µg/L	6 months	HNO_3 to pH<2	None
Manganese	E200.7 or E200.8	10 µg/L	6 months	HNO_3 to pH<2	None
Mercury	E 245.1 or E200.7 or E200.8	0.50 µg/L	28 days	HNO_3 to pH<2	None
Molybdenum	E200.7 or E200.8	10 µg/L	6 months	HNO_3 to pH<2	None
Nickel	E200.7 or E200.8	20 µg/L	6 months	HNO_3 to pH<2	None
Selenium	E200.7 or E200.8	5 µg/L	6 months	HNO_3 to pH<2	None
Silver	E200.7 or E200.8	10 µg/L	6 months	HNO_3 to pH<2	None
Thallium	E200.7 or E200.8	0.50 µg/L	6 months	HNO_3 to pH<2	None
Tin	E200.7 or E200.8	100 µg/L	6 months	HNO_3 to pH<2	None
Uranium	E200.7 or E200.8	0.30 µg/L	6 months	HNO_3 to pH<2	None
Vanadium	E200.7 or E200.8	15 µg/L	6 months	HNO_3 to pH<2	None
Zinc	E200.7 or E200.8	10 µg/L	6 months	HNO_3 to pH<2	None
Sodium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Potassium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Magnesium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Calcium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Radiologics					
~~Gross Alpha~~	~~E 900.0 or E900.1~~	~~1.0 pCi/L~~	~~6 months~~	~~HNO_3 to pH<2~~	~~None~~ -RW 2/27/2013

Table 4 Fee Schedule

Analyte/ Group	Cost per Sample
Full Suite Metals	
Partial Suite Metals (cost per individual metal)	
Gross alpha	

** - per email from Kathy Weinel 3/27/13 -RW

Run ION BALANCE when the full metals suite has been requested, per email from Kathy Weinel 3/27/13

Ion Balance to include:
- Total Anions, Measured
- Total Cations, Measured
- TDS Ratio, Measured/Calculated
- TDS, Calculated

-RW 3/27/13

Lab Set ID: 1502108

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	-001	-002	-003	-004	-005	-006	-007										
Ammonia	pH <2 H_2SO_4	yes	yes	yes	yes	yes	yes	yes										
COD	pH <2 H_2SO_4																	
Cyanide	pH >12 NaOH																	
Metals	pH <2 HNO_3	yes	yes	yes	yes	yes	yes	yes										
NO_2 & NO_3	pH <2 H_2SO_4	yes	yes	yes	yes	yes	yes	yes										
O & G	pH <2 HCL																	
Phenols	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN	pH <2 H_2SO_4																	
T PO_4	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved

▲ The Sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference

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Laboratory Director

Jose Rocha
QA Officer

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 1st Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1502109

American West Analytical Laboratories received 3 sample(s) on 2/6/2015 for the analyses presented in the following report.

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: Jose G. Rocha

Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou, email=jose@awal-labs.com, c=US
Date: 2015.02.17 13:50:40 -07'00'

Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502109
Date Received: 2/6/2015 940h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1502109-001A	MW-15_02042015	2/4/2015	1035h	Aqueous	ICPMS Metals, Dissolved
1502109-002A	MW-18_02032015	2/3/2015	1320h	Aqueous	ICPMS Metals, Dissolved
1502109-002B	MW-18_02032015	2/3/2015	1320h	Aqueous	Total Dissolved Solids, A2540C
1502109-002C	MW-18_02032015	2/3/2015	1320h	Aqueous	Anions, E300.0
1502109-003A	MW-19_02022015	2/2/2015	1540h	Aqueous	Nitrite/Nitrate (as N), E353.2

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502109

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt: 2/6/2015
Dates of Collection: 2/2 – 2/4/2015
Sample Condition: Intact
C-O-C Discrepancies: None

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, DUP:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1502108-001D	Nitrate-Nitrite (as N)	MSD	Sample matrix interference
1502109-003A	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix itnerference

Duplicate (DUP): The parameters that required a duplicate analysis had RPDs within the control limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**LCS-35429**	Date Analyzed:	02/06/2015 2150h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Thallium		0.178	mg/L	E200.8	0.0000242	0.00200	0.2000	0	89.1	85 - 115				
Lab Sample ID:	**LCS-35429**	Date Analyzed:	02/16/2015 1752h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.200	mg/L	E200.8	0.0000634	0.00200	0.2000	0	99.8	85 - 115				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**MB-35429**	Date Analyzed:	02/13/2015 838h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Thallium		< 0.000500	mg/L	E200.8	0.00000605	0.000500								
Lab Sample ID:	**MB-35429**	Date Analyzed:	02/16/2015 1748h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		< 0.00200	mg/L	E200.8	0.0000634	0.00200								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502108-001EMS**	Date Analyzed:	02/06/2015 2203h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Thallium		0.190	mg/L	E200.8	0.0000242	0.00200	0.2000	0.0000775	94.8	75 - 125				
Lab Sample ID:	**1502108-001EMS**	Date Analyzed:	02/16/2015 1758h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.228	mg/L	E200.8	0.0000634	0.00200	0.2000	0.000167	114	75 - 125				
Lab Sample ID:	**1502109-001AMS**	Date Analyzed:	02/16/2015 1849h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.350	mg/L	E200.8	0.0000634	0.00200	0.2000	0.125	113	75 - 125				
Thallium		0.204	mg/L	E200.8	0.0000242	0.00200	0.2000	0.0000311	102	75 - 125				

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502108-001EMSD**	Date Analyzed:	02/06/2015 2206h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Thallium		0.181	mg/L	E200.8	0.0000242	0.00200	0.2000	0.0000775	90.6	75 - 125	0.19	4.62	20	
Lab Sample ID:	**1502108-001EMSD**	Date Analyzed:	02/16/2015 1811h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.210	mg/L	E200.8	0.0000634	0.00200	0.2000	0.000167	105	75 - 125	0.228	8.12	20	
Lab Sample ID:	**1502109-001AMSD**	Date Analyzed:	02/16/2015 1852h											
Test Code:	200.8-DIS	Date Prepared:	02/06/2015 1205h											
Selenium		0.315	mg/L	E200.8	0.0000634	0.00200	0.2000	0.125	94.7	75 - 125	0.35	10.7	20	
Thallium		0.181	mg/L	E200.8	0.0000242	0.00200	0.2000	0.0000311	90.3	75 - 125	0.204	12.4	20	

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502108-001CDUP Date Analyzed: 02/06/2015 1300h Test Code: TDS-W-2540C													
Total Dissolved Solids	1,940	mg/L	SM2540C	12.3	20.0					1880	2.93	5	
Lab Sample ID: 1502109-002BDUP Date Analyzed: 02/06/2015 1300h Test Code: TDS-W-2540C													
Total Dissolved Solids	3,300	mg/L	SM2540C	12.3	20.0					3240	1.83	5	

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R75612 Date Analyzed: 02/11/2015 1432h Test Code: 300.0-W													
Sulfate	4.91	mg/L	E300.0	0.0211	0.750	5.000	0	98.1	90 - 110				
Lab Sample ID: LCS-R75533 Date Analyzed: 02/10/2015 1200h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.917	mg/L	E353.2	0.00833	0.0100	1.000	0	91.7	90 - 110				
Lab Sample ID: LCS-R75486 Date Analyzed: 02/06/2015 1300h Test Code: TDS-W-2540C													
Total Dissolved Solids	214	mg/L	SM2540C	6.13	10.0	205.0	0	104	80 - 120				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-R75612 Date Analyzed: 02/11/2015 1415h													
Test Code: 300.0-W													
Sulfate	< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID: MB-R75533 Date Analyzed: 02/10/2015 1157h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								
Lab Sample ID: MB-R75486 Date Analyzed: 02/06/2015 1300h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502108-001BMS Date Analyzed: 02/11/2015 1505h Test Code: 300.0-W													
Sulfate	5,770	mg/L	E300.0	21.1	750	5,000	1110	93.2	90 - 110				
Lab Sample ID: 1502109-002CMS Date Analyzed: 02/11/2015 1737h Test Code: 300.0-W													
Sulfate	7,010	mg/L	E300.0	21.1	750	5,000	1810	104	90 - 110				
Lab Sample ID: 1502108-004BMS Date Analyzed: 02/11/2015 1901h Test Code: 300.0-W													
Sulfate	1,270	mg/L	E300.0	2.11	75.0	500.0	750	104	90 - 110				
Lab Sample ID: 1502108-001DMS NO3 Date Analyzed: 02/10/2015 1209h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.958	mg/L	E353.2	0.00833	0.0100	1.000	0	95.8	90 - 110				
Lab Sample ID: 1502109-003AMS NO3 Date Analyzed: 02/10/2015 1244h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	4.24	mg/L	E353.2	0.0833	0.100	1.000	2.91	134	90 - 110				1

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

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502109
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502108-001BMSD Date Analyzed: 02/11/2015 1522h													
Test Code: 300.0-W													
Sulfate	6,330	mg/L	E300.0	21.1	750	5,000	1110	104	90 - 110	5770	9.13	20	
Lab Sample ID: 1502109-002CMSD Date Analyzed: 02/11/2015 1754h													
Test Code: 300.0-W													
Sulfate	6,810	mg/L	E300.0	21.1	750	5,000	1810	99.8	90 - 110	7010	2.97	20	
Lab Sample ID: 1502108-004BMSD Date Analyzed: 02/11/2015 1918h													
Test Code: 300.0-W													
Sulfate	1,270	mg/L	E300.0	2.11	75.0	500.0	750	104	90 - 110	1270	0.0535	20	
Lab Sample ID: 1502108-001DMSD NO3 Date Analyzed: 02/10/2015 1217h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.876	mg/L	E353.2	0.00833	0.0100	1.000	0	87.6	90 - 110	0.958	8.89	10	1
Lab Sample ID: 1502109-003AMSD NO3 Date Analyzed: 02/10/2015 1246h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	4.23	mg/L	E353.2	0.0833	0.100	1.000	2.91	132	90 - 110	4.25	0.307	10	1

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

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1502109**

Client: Energy Fuels Resources, Inc. Due Date: 2/17/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **1st Quarter Groundwater 2015** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). Groundwater project specific DL's: Assumes dilution of 2 for U, 5 for Be, Fe, Pb, and Tl, and 20X for others for required 200.8 PQLs. Run 200.8 on the Agilent. EDD-Denison and EIM-Locus. Email Group. Sample for dissolved metals was field filtered.; DB

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502109-001A	**MW-15_02042015**	2/4/2015 1035h	2/6/2015 0940h	**200.8-DIS**	Aqueous		df - dis met	1
				1 SEL Analytes: SE				
				200.8-DIS-PR			df - dis met	
1502109-002A	**MW-18_02032015**	2/3/2015 1320h	2/6/2015 0940h	**200.8-DIS**	Aqueous		df - dis met	1
				1 SEL Analytes: TL				
				200.8-DIS-PR			df - dis met	
1502109-002B				**TDS-W-2540C**			df - tds	
				1 SEL Analytes: TDS				
1502109-002C				**300.0-W**			df - so4	
				1 SEL Analytes: SO4				
1502109-003A	**MW-19_02022015**	2/2/2015 1540h	2/6/2015 0940h	**NO2/NO3-W-353.2**	Aqueous		df - no2/no3	1
				1 SEL Analytes: NO3NO2N				

Printed: 2/16/2015 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☑ RT ☑ CN ☑ TAT ☑ QC ☑ HOK_____ HOK_____ HOK_____ COC Emailed_____

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CHAIN OF CUSTODY

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

1502109
AWAL Lab Sample Set #
Page 1 of 1

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **1st Quarter Groundwater 2015**
Project #:
PO #:
Sampler Name: **Tanner Holliday, Garrin Palmer**

X Include EDD:
LOCUS UPLOAD
EXCEL
X Field Filtered For:
Dissolved Metals

For Compliance With:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ Non-Compliance
☐ Other:

	Sample ID:	Date Sampled	Time Sampled	# of Containers	Sample Matrix	NO2/NO3 (353.2)	Dissolved Manganese (200.7/200.8)	Cl (4500 or 300.0)	TDS (2540C)	Dissolved Uranium (200.7/200.8)	Dissolved Cadmium (200.7/200.8)	Dissolved Selenium (200.7/200.8)	Dissolved Thallium (200.7/200.8)	SO_4 (4500 or 300.0)	Fl (4500 or 300.0)	Dissolved Iron (200.7/200.8)	Dissolved Vanadium (200.7/200.8)	VOCs THF (8260C)	Known Hazards & Sample Comments
1																			
2																			
3																			
4																			
5	MW-15_02042015	2/4/2015	1035									X							
6	MW-18_02032015	2/3/2015	1320						X				X	X					
7	MW-19_02022015	2/2/2015	1540			X													
8																			
9																			
10																			
11																			

Laboratory Use Only

Samples Were: Fed Ex
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 3.5 °C
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
Checked at bench Y N
6 Received Within Holding Times Y N

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y N

Relinquished by: Signature	Date:	Received by: Signature	Date:
Print Name: Garrin Palmer	Time: 1200	Print Name: Denise Brown	Time: 2/5/15 DB 2/6/15
Relinquished by: Signature	Date:	Received by: Signature	Date:
Print Name:	Time:	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature	Date:
Print Name:	Time:	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature	Date: 2/6/15
Print Name:	Time:	Print Name:	Time: 9:40

Special Instructions:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Lab Set ID: 1502109

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	-001	-002	-003															
Ammonia	pH <2 H_2SO_4																		
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3	yes	yes																
NO_2 & NO_3	pH <2 H_2SO_4			yes															
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_4																		

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved

▲ The Sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference

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Jose Rocha
QA Officer

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 1st Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1502235

American West Analytical Laboratories received 4 sample(s) on 2/13/2015 for the analyses presented in the following report.

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: Jose G. Rocha
Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou, email=jose@awal-labs.com, c=US
Date: 2015.02.26 14:56:29 -07'00'

Laboratory Director or designee

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SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502235
Date Received: 2/13/2015 930h

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Salt Lake City, UT 84119

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1502235-001A	MW-26_02112015	2/11/2015 1230h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502235-001B	MW-26_02112015	2/11/2015 1230h	Aqueous	Anions, E300.0
1502235-001B	MW-26_02112015	2/11/2015 1230h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502235-001C	MW-26_02112015	2/11/2015 1230h	Aqueous	Total Dissolved Solids, A2540C
1502235-001D	MW-26_02112015	2/11/2015 1230h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502235-001D	MW-26_02112015	2/11/2015 1230h	Aqueous	Ammonia, Aqueous
1502235-001E	MW-26_02112015	2/11/2015 1230h	Aqueous	Ion Balance
1502235-001E	MW-26_02112015	2/11/2015 1230h	Aqueous	ICP Metals, Dissolved
1502235-001E	MW-26_02112015	2/11/2015 1230h	Aqueous	ICPMS Metals, Dissolved
1502235-001E	MW-26_02112015	2/11/2015 1230h	Aqueous	Mercury, Drinking Water Dissolved
1502235-002A	MW-36_02102015	2/10/2015 1400h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502235-002B	MW-36_02102015	2/10/2015 1400h	Aqueous	Anions, E300.0
1502235-002B	MW-36_02102015	2/10/2015 1400h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502235-002C	MW-36_02102015	2/10/2015 1400h	Aqueous	Total Dissolved Solids, A2540C
1502235-002D	MW-36_02102015	2/10/2015 1400h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502235-002D	MW-36_02102015	2/10/2015 1400h	Aqueous	Ammonia, Aqueous
1502235-002E	MW-36_02102015	2/10/2015 1400h	Aqueous	ICP Metals, Dissolved
1502235-002E	MW-36_02102015	2/10/2015 1400h	Aqueous	ICPMS Metals, Dissolved
1502235-002E	MW-36_02102015	2/10/2015 1400h	Aqueous	Mercury, Drinking Water Dissolved
1502235-002E	MW-36_02102015	2/10/2015 1400h	Aqueous	Ion Balance
1502235-003A	MW-70_02102015	2/10/2015 1400h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502235-003B	MW-70_02102015	2/10/2015 1400h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1502235-003B	MW-70_02102015	2/10/2015 1400h	Aqueous	Anions, E300.0
1502235-003C	MW-70_02102015	2/10/2015 1400h	Aqueous	Total Dissolved Solids, A2540C
1502235-003D	MW-70_02102015	2/10/2015 1400h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502235-003D	MW-70_02102015	2/10/2015 1400h	Aqueous	Ammonia, Aqueous
1502235-003E	MW-70_02102015	2/10/2015 1400h	Aqueous	ICP Metals, Dissolved
1502235-003E	MW-70_02102015	2/10/2015 1400h	Aqueous	ICPMS Metals, Dissolved
1502235-003E	MW-70_02102015	2/10/2015 1400h	Aqueous	Mercury, Drinking Water Dissolved

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502235
Date Received: 2/13/2015 930h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1502235-003E	MW-70_02102015	2/10/2015 1400h	Aqueous	Ion Balance
1502235-004A	Trip Blank	2/10/2015	Aqueous	VOA by GC/MS Method 8260C/5030C

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502235

Sample Receipt Information:

Date of Receipt: 2/13/2015
Date(s) of Collection: 2/10 and 2/11/2015
Sample Condition: Intact
C-O-C Discrepancies: None

Holding Time and Preservation Requirements: The analysis and preparation of all samples were performed within the method holding times. All samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, DUP:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1502235-001E	Calcium	MS/MSD	High analyte concentrations
1502235-001E	Magnesium	MSD	High analyte concentrations
1502235-001E	Sodium	MS/MSD	High analyte concentrations
1502236-008B	Manganese	MSD	High analyte concentrations
1502235-001D	Ammonia	MS/MSD	Sample matrix interference
1502236-002C	Nitrate/Nitrite	MS	Sample matrix interference

Duplicate (DUP): The parameters that required a duplicate analysis had RPDs within the control limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Groundwater 2015
Lab Set ID:	1502235

Sample Receipt Information:

Date of Receipt:	2/13/2015
Date(s) of Collection:	2/10 and 2/11/2015
Sample Condition:	Intact
C-O-C Discrepancies:	None
Method:	SW-846 8260C/5030C
Analysis:	Volatile Organic Compounds

General Set Comments: Multiple target analytes were observed above reporting limits.

Holding Time and Preservation Requirements: All samples were received in appropriate containers and properly preserved. The analysis and preparation of all samples were performed within the method holding times following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, and Surrogates:

Method Blanks (MBs): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Sample (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**LCS-35576**	Date Analyzed:	02/19/2015 1326h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Calcium		9.97	mg/L	E200.7	0.0401	1.00	10.00	0	99.7	85 - 115				
Magnesium		10.6	mg/L	E200.7	0.0294	1.00	10.00	0	106	85 - 115				
Potassium		10.1	mg/L	E200.7	0.247	1.00	10.00	0	101	85 - 115				
Sodium		10.5	mg/L	E200.7	0.0330	1.00	10.00	0	105	85 - 115				
Lab Sample ID:	**LCS-35576**	Date Analyzed:	02/19/2015 1532h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.191	mg/L	E200.7	0.00116	0.00500	0.2000	0	95.4	85 - 115				
Lab Sample ID:	**LCS-35577**	Date Analyzed:	02/24/2015 157h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Arsenic		0.206	mg/L	E200.8	0.0000920	0.00200	0.2000	0	103	85 - 115				
Beryllium		0.209	mg/L	E200.8	0.0000288	0.00200	0.2000	0	104	85 - 115				
Cadmium		0.202	mg/L	E200.8	0.000193	0.000500	0.2000	0	101	85 - 115				
Chromium		0.196	mg/L	E200.8	0.00154	0.00200	0.2000	0	97.8	85 - 115				
Cobalt		0.193	mg/L	E200.8	0.0000434	0.00400	0.2000	0	96.7	85 - 115				
Iron		0.978	mg/L	E200.8	0.0118	0.100	1.000	0	97.8	85 - 115				
Lead		0.202	mg/L	E200.8	0.000264	0.00200	0.2000	0	101	85 - 115				
Manganese		0.201	mg/L	E200.8	0.00153	0.00200	0.2000	0	101	85 - 115				
Molybdenum		0.205	mg/L	E200.8	0.000206	0.00200	0.2000	0	102	85 - 115				
Nickel		0.192	mg/L	E200.8	0.000754	0.00200	0.2000	0	95.9	85 - 115				
Silver		0.191	mg/L	E200.8	0.0000244	0.00200	0.2000	0	95.6	85 - 115				
Thallium		0.198	mg/L	E200.8	0.0000242	0.00200	0.2000	0	98.8	85 - 115				
Tin		1.04	mg/L	E200.8	0.000348	0.00200	1.000	0	104	85 - 115				
Uranium		0.207	mg/L	E200.8	0.0000112	0.00200	0.2000	0	103	85 - 115				
Zinc		0.965	mg/L	E200.8	0.00476	0.00500	1.000	0	96.5	85 - 115				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**LCS-35577**	Date Analyzed:	02/24/2015 1221h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Copper		0.201	mg/L	E200.8	0.000692	0.00200	0.2000	0	101	85 - 115				
Selenium		0.198	mg/L	E200.8	0.0000634	0.00200	0.2000	0	99.0	85 - 115				
Lab Sample ID:	**LCS-35601**	Date Analyzed:	02/17/2015 902h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	02/16/2015 1330h											
Mercury		0.00342	mg/L	E245.1	0.00000892	0.000150	0.003330	0	103	85 - 115				

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**MB-35576**	Date Analyzed:	02/19/2015 1324h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Calcium		< 1.00	mg/L	E200.7	0.0401	1.00								
Magnesium		< 1.00	mg/L	E200.7	0.0294	1.00								
Potassium		< 1.00	mg/L	E200.7	0.247	1.00								
Sodium		< 1.00	mg/L	E200.7	0.0330	1.00								
Lab Sample ID:	**MB-35576**	Date Analyzed:	02/19/2015 1530h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		< 0.00500	mg/L	E200.7	0.00116	0.00500								
Lab Sample ID:	**MB-35577**	Date Analyzed:	02/24/2015 154h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Arsenic		< 0.00200	mg/L	E200.8	0.0000920	0.00200								
Cadmium		< 0.000500	mg/L	E200.8	0.000193	0.000500								
Chromium		< 0.00200	mg/L	E200.8	0.00154	0.00200								
Cobalt		< 0.00400	mg/L	E200.8	0.0000434	0.00400								
Manganese		< 0.00200	mg/L	E200.8	0.00153	0.00200								
Molybdenum		< 0.00200	mg/L	E200.8	0.000206	0.00200								
Nickel		< 0.00200	mg/L	E200.8	0.000754	0.00200								
Selenium		< 0.00200	mg/L	E200.8	0.0000634	0.00200								
Silver		< 0.00200	mg/L	E200.8	0.0000244	0.00200								
Tin		< 0.00200	mg/L	E200.8	0.000348	0.00200								
Zinc		< 0.00500	mg/L	E200.8	0.00476	0.00500								
Lab Sample ID:	**MB-35577**	Date Analyzed:	02/24/2015 307h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Beryllium		< 0.000500	mg/L	E200.8	0.00000720	0.000500								
Iron		< 0.0250	mg/L	E200.8	0.00296	0.0250								
Lead		< 0.000500	mg/L	E200.8	0.0000660	0.000500								
Thallium		< 0.000500	mg/L	E200.8	0.00000605	0.000500								

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**MB-35577**	Date Analyzed:	02/24/2015 333h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID:	**MB-35577**	Date Analyzed:	02/24/2015 1218h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Copper		< 0.00200	mg/L	E200.8	0.000692	0.00200								
Lab Sample ID:	**MB-35601**	Date Analyzed:	02/17/2015 900h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	02/16/2015 1330h											
Mercury		< 0.000150	mg/L	E245.1	0.00000892	0.000150								

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/19/2015 1333h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Calcium		541	mg/L	E200.7	0.802	20.0	10.00	518	230	70 - 130				#
Magnesium		185	mg/L	E200.7	0.588	20.0	10.00	176	95.2	70 - 130				
Sodium		193	mg/L	E200.7	0.660	20.0	10.00	179	139	70 - 130				#
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/19/2015 1355h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Potassium		21.4	mg/L	E200.7	0.247	1.00	10.00	11.2	101	70 - 130				
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/19/2015 1607h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.187	mg/L	E200.7	0.00116	0.00500	0.2000	0	93.4	70 - 130				
Lab Sample ID:	**1502236-008BMS**	Date Analyzed:	02/19/2015 1617h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.195	mg/L	E200.7	0.00116	0.00500	0.2000	0.00564	94.5	70 - 130				
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/24/2015 210h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Arsenic		0.209	mg/L	E200.8	0.0000920	0.00200	0.2000	0	105	75 - 125				
Beryllium		0.190	mg/L	E200.8	0.0000288	0.00200	0.2000	0	95.0	75 - 125				
Cadmium		0.185	mg/L	E200.8	0.000193	0.000500	0.2000	0.000429	92.4	75 - 125				
Chromium		0.188	mg/L	E200.8	0.00154	0.00200	0.2000	0	93.9	75 - 125				
Cobalt		0.185	mg/L	E200.8	0.0000434	0.00400	0.2000	0.00167	91.5	75 - 125				
Iron		1.38	mg/L	E200.8	0.0118	0.100	1.000	0.444	93.5	75 - 125				
Lead		0.185	mg/L	E200.8	0.000264	0.00200	0.2000	0	92.7	75 - 125				
Manganese		1.37	mg/L	E200.8	0.00153	0.00200	0.2000	1.17	101	75 - 125				
Molybdenum		0.202	mg/L	E200.8	0.000206	0.00200	0.2000	0.00368	99.1	75 - 125				
Nickel		0.192	mg/L	E200.8	0.000754	0.00200	0.2000	0.00624	92.6	75 - 125				
Selenium		0.191	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00553	92.9	75 - 125				
Silver		0.161	mg/L	E200.8	0.0000244	0.00200	0.2000	0.000142	80.3	75 - 125				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/24/2015 210h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Thallium		0.182	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00026	90.9	75 - 125				
Tin		1.01	mg/L	E200.8	0.000348	0.00200	1.000	0	101	75 - 125				
Uranium		0.273	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0786	97.1	75 - 125				
Zinc		0.927	mg/L	E200.8	0.00476	0.00500	1.000	0	92.7	75 - 125				
Lab Sample ID:	**1502236-008BMS**	Date Analyzed:	02/24/2015 235h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Cadmium		0.188	mg/L	E200.8	0.000193	0.000500	0.2000	0.00483	91.6	75 - 125				
Manganese		1.88	mg/L	E200.8	0.00153	0.00200	0.2000	1.71	86.1	75 - 125				
Selenium		0.187	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00393	91.6	75 - 125				
Thallium		0.181	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000835	90.3	75 - 125				
Uranium		0.197	mg/L	E200.8	0.0000112	0.00200	0.2000	0.00448	96.4	75 - 125				
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/24/2015 1228h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Copper		0.185	mg/L	E200.8	0.000692	0.00200	0.2000	0	92.4	75 - 125				
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/17/2015 910h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	02/16/2015 1330h											
Mercury		0.00349	mg/L	E245.1	0.00000892	0.000150	0.003330	0	105	85 - 115				

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/19/2015 1335h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Calcium		504	mg/L	E200.7	0.802	20.0	10.00	518	-148	70 - 130	541	7.23	20	2
Magnesium		179	mg/L	E200.7	0.588	20.0	10.00	176	31.5	70 - 130	185	3.49	20	2
Sodium		186	mg/L	E200.7	0.660	20.0	10.00	179	66.8	70 - 130	193	3.79	20	2
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/19/2015 1357h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Potassium		21.3	mg/L	E200.7	0.247	1.00	10.00	11.2	101	70 - 130	21.9	2.98	20	
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/19/2015 1609h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.190	mg/L	E200.7	0.00116	0.00500	0.2000	0	94.9	70 - 130	0.187	1.61	20	
Lab Sample ID:	**1502236-008BMSD**	Date Analyzed:	02/19/2015 1619h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.198	mg/L	E200.7	0.00116	0.00500	0.2000	0.00564	96.2	70 - 130	0.195	1.77	20	
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/24/2015 213h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Arsenic		0.210	mg/L	E200.8	0.0000920	0.00200	0.2000	0	105	75 - 125	0.209	0.544	20	
Beryllium		0.196	mg/L	E200.8	0.0000288	0.00200	0.2000	0	97.9	75 - 125	0.19	3.02	20	
Cadmium		0.189	mg/L	E200.8	0.000193	0.000500	0.2000	0.000429	94.5	75 - 125	0.185	2.21	20	
Chromium		0.190	mg/L	E200.8	0.00154	0.00200	0.2000	0	95.1	75 - 125	0.188	1.25	20	
Cobalt		0.189	mg/L	E200.8	0.0000434	0.00400	0.2000	0.00167	93.4	75 - 125	0.185	2.08	20	
Iron		1.39	mg/L	E200.8	0.0118	0.100	1.000	0.444	94.9	75 - 125	1.38	1.04	20	
Lead		0.189	mg/L	E200.8	0.000264	0.00200	0.2000	0	94.5	75 - 125	0.185	1.94	20	
Manganese		1.36	mg/L	E200.8	0.00153	0.00200	0.2000	1.17	97.0	75 - 125	1.37	0.636	20	
Molybdenum		0.203	mg/L	E200.8	0.000206	0.00200	0.2000	0.00368	99.8	75 - 125	0.202	0.639	20	
Nickel		0.192	mg/L	E200.8	0.000754	0.00200	0.2000	0.00624	93.0	75 - 125	0.192	0.367	20	
Selenium		0.194	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00553	94.1	75 - 125	0.191	1.21	20	
Silver		0.161	mg/L	E200.8	0.0000244	0.00200	0.2000	0.000142	80.6	75 - 125	0.161	0.441	20	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/24/2015 213h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Thallium		0.187	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00026	93.4	75 - 125	0.182	2.76	20	
Tin		1.01	mg/L	E200.8	0.000348	0.00200	1.000	0	101	75 - 125	1.01	0.220	20	
Uranium		0.277	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0786	99.1	75 - 125	0.273	1.47	20	
Zinc		0.945	mg/L	E200.8	0.00476	0.00500	1.000	0	94.5	75 - 125	0.927	2.00	20	
Lab Sample ID:	**1502236-008BMSD**	Date Analyzed:	02/24/2015 239h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Cadmium		0.190	mg/L	E200.8	0.000193	0.000500	0.2000	0.00483	92.7	75 - 125	0.188	1.11	20	
Manganese		1.85	mg/L	E200.8	0.00153	0.00200	0.2000	1.71	69.8	75 - 125	1.88	1.75	20	2
Selenium		0.191	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00393	93.5	75 - 125	0.187	2.04	20	
Thallium		0.181	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000835	90.3	75 - 125	0.181	0.0481	20	
Uranium		0.198	mg/L	E200.8	0.0000112	0.00200	0.2000	0.00448	96.6	75 - 125	0.197	0.175	20	
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/24/2015 1231h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Copper		0.197	mg/L	E200.8	0.000692	0.00200	0.2000	0	98.3	75 - 125	0.185	6.16	20	
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/17/2015 912h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	02/16/2015 1330h											
Mercury		0.00359	mg/L	E245.1	0.00000892	0.000150	0.003330	0	108	85 - 115	0.00349	2.83	20	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502235-003CDUP Date Analyzed: 02/13/2015 1220h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	4,300	mg/L	SM2540C	12.3	20.0					4090	4.86	5	

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R75863 Date Analyzed: 02/18/2015 1555h													
Test Code: 300.0-W													
Chloride	5.30	mg/L	E300.0	0.00751	0.100	5.000	0	106	90 - 110				
Fluoride	5.46	mg/L	E300.0	0.00681	0.100	5.000	0	109	90 - 110				
Sulfate	5.23	mg/L	E300.0	0.0211	0.750	5.000	0	105	90 - 110				
Lab Sample ID: LCS-R75726 Date Analyzed: 02/16/2015 922h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	50,700	mg/L	SM2320B	0.504	1.00	50,000	0	101	90 - 110				
Lab Sample ID: LCS-35646 Date Analyzed: 02/20/2015 1525h													
Test Code: NH3-W-350.1 Date Prepared: 02/19/2015 815h													
Ammonia (as N)	10.7	mg/L	E350.1	0.0226	0.0500	10.00	0	107	90 - 110				
Lab Sample ID: LCS-R75867 Date Analyzed: 02/19/2015 1226h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.945	mg/L	E353.2	0.00833	0.0100	1.000	0	94.5	90 - 110				
Lab Sample ID: LCS-R75751 Date Analyzed: 02/13/2015 1220h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	208	mg/L	SM2540C	6.13	10.0	205.0	0	101	80 - 120				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-R75863	Date Analyzed:	02/18/2015 1538h											
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Fluoride	< 0.100	mg/L	E300.0	0.00681	0.100								
Sulfate	< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID: MB-R75726	Date Analyzed:	02/16/2015 922h											
Test Code: ALK-W-2320B-LL													
Bicarbonate (as CaCO3)	< 1.00	mg/L	SM2320B	0.504	1.00								
Carbonate (as CaCO3)	< 1.00	mg/L	SM2320B	0.504	1.00								
Lab Sample ID: MB-35646	Date Analyzed:	02/20/2015 1524h											
Test Code: NH3-W-350.1	Date Prepared:	02/19/2015 815h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R75867	Date Analyzed:	02/19/2015 1223h											
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								
Lab Sample ID: MB-R75751	Date Analyzed:	02/13/2015 1220h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502235-001BMS Date Analyzed: 02/18/2015 2008h													
Test Code: 300.0-W													
Chloride	5,030	mg/L	E300.0	7.51	100	5,000	77.2	99.1	90 - 110				
Fluoride	5,130	mg/L	E300.0	6.81	100	5,000	0	103	90 - 110				
Sulfate	6,870	mg/L	E300.0	21.1	750	5,000	1890	99.5	90 - 110				
Lab Sample ID: 1502236-002AMS Date Analyzed: 02/18/2015 2132h													
Test Code: 300.0-W													
Chloride	4,950	mg/L	E300.0	7.51	100	5,000	107	97.0	90 - 110				
Fluoride	5,090	mg/L	E300.0	6.81	100	5,000	0	102	90 - 110				
Sulfate	8,260	mg/L	E300.0	21.1	750	5,000	3260	100	90 - 110				
Lab Sample ID: 1502236-007AMS Date Analyzed: 02/19/2015 218h													
Test Code: 300.0-W													
Chloride	533	mg/L	E300.0	0.751	10.0	500.0	44.2	97.8	90 - 110				
Fluoride	510	mg/L	E300.0	0.681	10.0	500.0	0	102	90 - 110				
Sulfate	887	mg/L	E300.0	2.11	75.0	500.0	402	97.2	90 - 110				
Lab Sample ID: 1502235-002BMS Date Analyzed: 02/19/2015 846h													
Test Code: 300.0-W													
Chloride	114	mg/L	E300.0	0.0751	1.00	50.00	61.2	107	90 - 110				
Fluoride	55.4	mg/L	E300.0	0.0681	1.00	50.00	0.279	110	90 - 110				
Lab Sample ID: 1502235-001BMS Date Analyzed: 02/16/2015 922h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	428	mg/L	SM2320B	0.504	1.00	100.0	335	93.0	80 - 120				
Lab Sample ID: 1502235-001DMS Date Analyzed: 02/20/2015 1608h													
Test Code: NH3-W-350.1 Date Prepared: 02/19/2015 815h													
Ammonia (as N)	12.2	mg/L	E350.1	0.0226	0.0500	10.00	0.207	120	90 - 110				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502235-001DMS NO3 Date Analyzed: 02/19/2015 1231h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	13.5	mg/L	E353.2	0.0833	0.100	10.00	2.68	109	90 - 110				
Lab Sample ID: 1502236-002CMS NO3 Date Analyzed: 02/19/2015 1248h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.52	mg/L	E353.2	0.00833	0.0100	1.000	0.638	88.7	90 - 110				1

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

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502235-001BMSD Date Analyzed: 02/18/2015 2025h													
Test Code: 300.0-W													
Chloride	5,010	mg/L	E300.0	7.51	100	5,000	77.2	98.7	90 - 110	5030	0.376	20	
Fluoride	5,100	mg/L	E300.0	6.81	100	5,000	0	102	90 - 110	5130	0.652	20	
Sulfate	6,760	mg/L	E300.0	21.1	750	5,000	1890	97.3	90 - 110	6870	1.57	20	
Lab Sample ID: 1502236-002AMSD Date Analyzed: 02/18/2015 2149h													
Test Code: 300.0-W													
Chloride	5,030	mg/L	E300.0	7.51	100	5,000	107	98.4	90 - 110	4950	1.42	20	
Fluoride	5,060	mg/L	E300.0	6.81	100	5,000	0	101	90 - 110	5090	0.595	20	
Sulfate	8,240	mg/L	E300.0	21.1	750	5,000	3260	99.5	90 - 110	8260	0.261	20	
Lab Sample ID: 1502236-007AMSD Date Analyzed: 02/19/2015 235h													
Test Code: 300.0-W													
Chloride	531	mg/L	E300.0	0.751	10.0	500.0	44.2	97.4	90 - 110	533	0.386	20	
Fluoride	506	mg/L	E300.0	0.681	10.0	500.0	0	101	90 - 110	510	0.778	20	
Sulfate	892	mg/L	E300.0	2.11	75.0	500.0	402	98.1	90 - 110	887	0.511	20	
Lab Sample ID: 1502235-002BMSD Date Analyzed: 02/19/2015 903h													
Test Code: 300.0-W													
Chloride	109	mg/L	E300.0	0.0751	1.00	50.00	61.2	95.8	90 - 110	114	4.85	20	
Fluoride	51.3	mg/L	E300.0	0.0681	1.00	50.00	0.279	102	90 - 110	55.4	7.67	20	
Lab Sample ID: 1502235-001BMSD Date Analyzed: 02/16/2015 922h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	431	mg/L	SM2320B	0.504	1.00	100.0	335	96.4	80 - 120	428	0.792	10	
Lab Sample ID: 1502235-001DMSD Date Analyzed: 02/20/2015 1609h													
Test Code: NH3-W-350.1 Date Prepared: 02/19/2015 815h													
Ammonia (as N)	12.4	mg/L	E350.1	0.0226	0.0500	10.00	0.207	122	90 - 110	12.3	0.975	10	

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502235-001DMSD NO3 Date Analyzed: 02/19/2015 1233h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	13.0	mg/L	E353.2	0.0833	0.100	10.00	2.68	103	90 - 110	13.5	4.00	10	
Lab Sample ID: 1502236-002CMSD NO3 Date Analyzed: 02/19/2015 1250h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.61	mg/L	E353.2	0.00833	0.0100	1.000	0.638	97.3	90 - 110	1.53	5.48	10	

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

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-1 021315A Date Analyzed: 02/13/2015 729h													
Test Code: 8260-W-DEN100													
Benzene	18.7	µg/L	SW8260C	0.270	1.00	20.00	0	93.5	62 - 127				
Chloroform	20.3	µg/L	SW8260C	0.153	1.00	20.00	0	102	67 - 132				
Methylene chloride	15.3	µg/L	SW8260C	0.172	1.00	20.00	0	76.4	32 - 185				
Naphthalene	13.7	µg/L	SW8260C	0.587	1.00	20.00	0	68.7	28 - 136				
Tetrahydrofuran	14.5	µg/L	SW8260C	0.516	1.00	20.00	0	72.4	43 - 146				
Toluene	19.0	µg/L	SW8260C	0.183	1.00	20.00	0	95.2	64 - 129				
Xylenes, Total	61.2	µg/L	SW8260C	0.857	1.00	60.00	0	102	52 - 134				
Surr: 1,2-Dichloroethane-d4	54.3	µg/L	SW8260C			50.00		109	76 - 138				
Surr: 4-Bromofluorobenzene	46.5	µg/L	SW8260C			50.00		93.1	77 - 121				
Surr: Dibromofluoromethane	51.2	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	48.6	µg/L	SW8260C			50.00		97.2	81 - 135				
Lab Sample ID: LCS VOC-1 021615A Date Analyzed: 02/16/2015 752h													
Test Code: 8260-W-DEN100													
Chloroform	19.8	µg/L	SW8260C	0.153	1.00	20.00	0	99.1	67 - 132				
Surr: 1,2-Dichloroethane-d4	56.2	µg/L	SW8260C			50.00		112	76 - 138				
Surr: 4-Bromofluorobenzene	49.1	µg/L	SW8260C			50.00		98.2	77 - 121				
Surr: Dibromofluoromethane	53.1	µg/L	SW8260C			50.00		106	67 - 128				
Surr: Toluene-d8	48.6	µg/L	SW8260C			50.00		97.2	81 - 135				

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American West
ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-1 021315A Date Analyzed: 02/13/2015 808h													
Test Code: 8260-W-DEN100													
2-Butanone	< 20.0	µg/L	SW8260C	4.11	20.0								
Acetone	< 20.0	µg/L	SW8260C	1.70	20.0								
Benzene	< 1.00	µg/L	SW8260C	0.270	1.00								
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.163	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Naphthalene	< 1.00	µg/L	SW8260C	0.587	1.00								
Tetrahydrofuran	< 1.00	µg/L	SW8260C	0.516	1.00								
Toluene	< 1.00	µg/L	SW8260C	0.183	1.00								
Xylenes, Total	< 1.00	µg/L	SW8260C	0.857	1.00								
Surr: 1,2-Dichloroethane-d4	56.8	µg/L	SW8260C			50.00		114	76 - 138				
Surr: 4-Bromofluorobenzene	51.2	µg/L	SW8260C			50.00		102	77 - 121				
Surr: Dibromofluoromethane	52.9	µg/L	SW8260C			50.00		106	67 - 128				
Surr: Toluene-d8	48.2	µg/L	SW8260C			50.00		96.5	81 - 135				
Lab Sample ID: MB VOC-1 021615A Date Analyzed: 02/16/2015 831h													
Test Code: 8260-W-DEN100													
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Surr: 1,2-Dichloroethane-d4	59.0	µg/L	SW8260C			50.00		118	76 - 138				
Surr: 4-Bromofluorobenzene	51.4	µg/L	SW8260C			50.00		103	77 - 121				
Surr: Dibromofluoromethane	54.3	µg/L	SW8260C			50.00		109	67 - 128				
Surr: Toluene-d8	48.3	µg/L	SW8260C			50.00		96.5	81 - 135				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502236-001CMS Date Analyzed: 02/13/2015 1756h													
Test Code: 8260-W-DEN100													
Benzene	19.3	µg/L	SW8260C	0.270	1.00	20.00	0	96.5	66 - 145				
Chloroform	21.1	µg/L	SW8260C	0.153	1.00	20.00	0	106	50 - 146				
Methylene chloride	17.7	µg/L	SW8260C	0.172	1.00	20.00	0	88.3	30 - 192				
Naphthalene	13.0	µg/L	SW8260C	0.587	1.00	20.00	0	64.9	41 - 131				
Tetrahydrofuran	20.2	µg/L	SW8260C	0.516	1.00	20.00	1.63	92.7	43 - 146				
Toluene	19.0	µg/L	SW8260C	0.183	1.00	20.00	0	95.2	18 - 192				
Xylenes, Total	58.9	µg/L	SW8260C	0.857	1.00	60.00	0	98.1	42 - 167				
Surr: 1,2-Dichloroethane-d4	57.4	µg/L	SW8260C			50.00		115	72 - 151				
Surr: 4-Bromofluorobenzene	49.6	µg/L	SW8260C			50.00		99.2	80 - 128				
Surr: Dibromofluoromethane	52.4	µg/L	SW8260C			50.00		105	80 - 124				
Surr: Toluene-d8	47.4	µg/L	SW8260C			50.00		94.9	77 - 129				
Lab Sample ID: 1502235-001AMS Date Analyzed: 02/16/2015 1606h													
Test Code: 8260-W-DEN100													
Chloroform	1,450	µg/L	SW8260C	3.06	20.0	400.0	1190	64.8	50 - 146				
Surr: 1,2-Dichloroethane-d4	1,180	µg/L	SW8260C			1,000		118	72 - 151				
Surr: 4-Bromofluorobenzene	993	µg/L	SW8260C			1,000		99.3	80 - 128				
Surr: Dibromofluoromethane	1,060	µg/L	SW8260C			1,000		106	80 - 124				
Surr: Toluene-d8	953	µg/L	SW8260C			1,000		95.3	77 - 129				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502235
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502236-001CMSD Date Analyzed: 02/13/2015 1815h													
Test Code: 8260-W-DEN100													
Benzene	18.9	µg/L	SW8260C	0.270	1.00	20.00	0	94.4	66 - 145	19.3	2.20	25	
Chloroform	21.1	µg/L	SW8260C	0.153	1.00	20.00	0	106	50 - 146	21.1	0.142	25	
Methylene chloride	17.3	µg/L	SW8260C	0.172	1.00	20.00	0	86.4	30 - 192	17.7	2.23	25	
Naphthalene	13.1	µg/L	SW8260C	0.587	1.00	20.00	0	65.4	41 - 131	13	0.845	25	
Tetrahydrofuran	21.8	µg/L	SW8260C	0.516	1.00	20.00	1.63	101	43 - 146	20.2	7.86	25	
Toluene	18.8	µg/L	SW8260C	0.183	1.00	20.00	0	94.1	18 - 192	19	1.16	25	
Xylenes, Total	57.9	µg/L	SW8260C	0.857	1.00	60.00	0	96.6	42 - 167	58.9	1.61	25	
Surr: 1,2-Dichloroethane-d4	57.4	µg/L	SW8260C			50.00		115	72 - 151				
Surr: 4-Bromofluorobenzene	50.2	µg/L	SW8260C			50.00		100	80 - 128				
Surr: Dibromofluoromethane	52.7	µg/L	SW8260C			50.00		105	80 - 124				
Surr: Toluene-d8	47.3	µg/L	SW8260C			50.00		94.6	77 - 129				
Lab Sample ID: 1502235-001AMSD Date Analyzed: 02/16/2015 1626h													
Test Code: 8260-W-DEN100													
Chloroform	1,540	µg/L	SW8260C	3.06	20.0	400.0	1190	87.6	50 - 146	1450	6.11	25	
Surr: 1,2-Dichloroethane-d4	1,240	µg/L	SW8260C			1,000		124	72 - 151				
Surr: 4-Bromofluorobenzene	1,000	µg/L	SW8260C			1,000		100	80 - 128				
Surr: Dibromofluoromethane	1,060	µg/L	SW8260C			1,000		106	80 - 124				
Surr: Toluene-d8	929	µg/L	SW8260C			1,000		92.9	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1502235**

Client: Energy Fuels Resources, Inc. Due Date: 2/24/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **1st Quarter Groundwater 2015** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). Alkalinity must be run at full volume, use ALK-W-2320B-LL test code. Groundwater project specific DL's: Assumes dilution of 2 for U, 5 for Be, Fe, Pb, and Tl, and 20X for others for required 200.8 PQLs. Run 200.8 on the Agilent. EDD-Denison and EIM-Locus. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502235-001A	**MW-26_02112015**	2/11/2015 1230h	2/13/2015 0930h	**8260-W-DEN100**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1502235-001B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1502235-001C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				
1502235-001D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502235-001E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	
				HG-DW-DIS-245.1		☑	df-met	
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502235-002A	**MW-36_02102015**	2/10/2015 1400h	2/13/2015 0930h	**8260-W-DEN100**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1502235-002B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				

Printed: 2/17/2015 FOR LABORATORY USE ONLY [fill out on page 1]: %M / RT / CN / TAT / QC / HOK_____ HOK_____ HOK_____ COC Emailed_____

WORK ORDER Summary

Work Order: **1502235**

Client: Energy Fuels Resources, Inc. Due Date: 2/24/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502235-002C	**MW-36_02102015**	2/10/2015 1400h	2/13/2015 0930h	**TDS-W-2540C**	Aqueous	☑	ww - tds	1
				1 SEL Analytes: TDS				
1502235-002D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502235-002E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	
				HG-DW-DIS-245.1		☑	df-met	
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502235-003A	**MW-70_02102015**	2/10/2015 1400h	2/13/2015 0930h	**8260-W-DEN100**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1502235-003B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1502235-003C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				
1502235-003D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1502235-003E				**200.7-DIS**		☑	df-met	
				5 SEL Analytes: CA MG K NA V				
				200.7-DIS-PR		☑	df-met	
				200.8-DIS		☑	df-met	
				17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN				
				200.8-DIS-PR		☑	df-met	

WORK ORDER Summary

Work Order: **1502235**

Client: Energy Fuels Resources, Inc. Due Date: 2/24/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502235-003E	**MW-70_02102015**	2/10/2015 1400h	2/13/2015 0930h	**HG-DW-DIS-245.1**	Aqueous	☑	df-met	1
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-met	
				IONBALANCE		☑	df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1502235-004A	**Trip Blank**	2/10/2015	2/13/2015 0930h	**8260-W-DEN100**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				

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www.awal-labs.com

CHAIN OF CUSTODY

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

1502335
AWAL Lab Sample Set #
Page 1 of 1

QC Level:	Turn Around Time:	Due Date:
3	Standard	

Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **1st Quarter Groundwater 2015**
Project #:
PO #:
Sampler Name: **Tanner Holliday**

	Sample ID:	Date Sampled	Time Sampled	# of Containers	Sample Matrix	NO2/NO3 (353.2)	NH3 (4500G or 350.1)	Fl, Cl, SO4 (4500 or 300.0)	TDS (2540C)	Carb/Bicarb (2320B)	Dissolved Metals (200.7/200.8/245.1)	As, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Mo,	Ni, Se, Ag, Tl, Sn, U, V, Zn, Na, K, Mg, Ca	Ion Balance	VOCs (8260C)	Known Hazards & Sample Comments
1	MW-26_02112015	2/11/2015	1230	7	w	x	x	x	x	x	x	x	x	x	x	
2	MW-36_02102015	2/10/2015	1400	7	w	x	x	x	x	x	x	x	x	x	x	
3	MW-70_02102015	2/10/2015	1400	7	w	x	x	x	x	x	x	x	x	x	x	
4	Trip Blank	2/10/2015		3	w										x	
5	Temp Blank															
6																
7																
8																
9																
10																
11																
12																

X Include EDD:
LOCUS UPLOAD EXCEL
X Field Filtered For:
Dissolved Metals

For Compliance With:
- ☐ NELAP
- ☐ RCRA
- ☐ CWA
- ☐ SDWA
- ☐ ELAP / A2LA
- ☐ NLLAP
- ☐ Non-Compliance
- ☐ Other:

Laboratory Use Only

Samples Were:
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 3.3 °C
4 Received Broken/Leaking (Improperly Sealed) Y (N)
5 Properly Preserved (Y) N
Checked at bench Y N
6 Received Within Holding Times (Y) N

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample N NA
2/13/15

Discrepancies Between Sample Labels and COC Record? Y (N)

Relinquished by: Signature: Garrin Palmer	Date: 2/13/15	Received by: Signature: Elaina Hayden	Date: 2/13/15
Print Name: Garrin Palmer	Time: 0930	Print Name: Elaina Hayden	Time: 930
Relinquished by: Signature	Date:	Received by: Signature	Date:
Print Name:	Time:	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature	Date:
Print Name:	Time:	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature	Date:
Print Name:	Time:	Print Name:	Time:

Special Instructions:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Contaminant	Analytical Methods to be Used	Reporting Limit[1]	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
	or SW8260C				
Toluene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Xylenes (total)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Others					
Field pH (S.U.)	A4500-H B	0.01 s.u.	Immediate	None	None
Fluoride	A4500-F C or E300.0	0.1 mg/L	28 days	None	None
TDS	A2540 C	10 mg/L	7 days	None	≤ 6°C
General Inorganics					
Chloride	A4500-Cl B or A4500-Cl E or E300.0	1 mg/L	28 days	None	None
Sulfate	A4500-SO4 E or E300.0	1 mg/L	28 days	None	≤ 6°C
Carbonate as CO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Bicarbonate as HCO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Sodium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Potassium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Magnesium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Calcium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None

1. The Analytical Laboratory will be required to meet the reporting limits ("RLs") in the foregoing Table, unless the RL must be increased due to sample matrix interference (i.e., due to dilution gain), in which case the increased RL will be used, or unless otherwise approved by the Executive Secretary.

Contaminant	Analytical Methods to be Used	Reporting Limit[1]	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
Tin	E200.7 or E200.8	100 µg/L	6 months	HNO_3 to pH<2	None
Uranium	E200.7 or E200.8	0.30 µg/L	6 months	HNO_3 to pH<2	None
Vanadium	E200.7 or E200.8	15 µg/L	6 months	HNO_3 to pH<2	None
Zinc	E200.7 or E200.8	10 µg/L	6 months	HNO_3 to pH<2	None
Radiologics					
Gross Alpha	E 900.0 or E900.1	1.0 pCi/L	6 months	HNO_3 to pH<2	None
Volatile Organic Compounds					
Acetone	SW8260B or SW8260C	20 µg/L	14 days	HCl to pH<2	≤ 6°C
Benzene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
2-Butanone (MEK)	SW8260B or SW8260C	20 µg/L	14 days	HCl to pH<2	≤ 6°C
Carbon Tetrachloride	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloroform	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloromethane	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Dichloromethane (Methylene Chloride)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Naphthalene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Tetrahydrofuran	SW8260B	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C

Lab Set ID: 1502235

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3															
Ammonia	pH <2 H_2SO_4	Yes	Yes	Yes															
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3	Yes	Yes	Yes															
NO_2 & NO_3	pH <2 H_2SO_4	Yes	Yes	Yes															
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_4																		

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved

▲ The Sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference

American West
ANALYTICAL LABORATORIES

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 1st Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1502236

3440 South 700 West
Salt Lake City, UT 84119

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

American West Analytical Laboratories received 9 sample(s) on 2/13/2015 for the analyses presented in the following report.

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: Jose G. Rocha

Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou, email=jose@awal-labs.com, c=US
Date: 2015.02.27 14:48:32 -07'00'

Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502236
Date Received: 2/13/2015 930h

3440 South 700 West
Salt Lake City, UT 84119

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1502236-001A	MW-01_02102015	2/10/2015 1330h	Aqueous	Anions, E300.0
1502236-001B	MW-01_02102015	2/10/2015 1330h	Aqueous	ICPMS Metals, Dissolved
1502236-001C	MW-01_02102015	2/10/2015 1330h	Aqueous	VOA by GC/MS Method 8260C/5030C
1502236-002A	MW-03_02112015	2/11/2015 1025h	Aqueous	Anions, E300.0
1502236-002B	MW-03_02112015	2/11/2015 1025h	Aqueous	ICPMS Metals, Dissolved
1502236-002C	MW-03_02112015	2/11/2015 1025h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502236-003A	MW-03A_02122015	2/12/2015 630h	Aqueous	Anions, E300.0
1502236-003B	MW-03A_02122015	2/12/2015 630h	Aqueous	ICPMS Metals, Dissolved
1502236-003C	MW-03A_02122015	2/12/2015 630h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502236-003D	MW-03A_02122015	2/12/2015 630h	Aqueous	Total Dissolved Solids, A2540C
1502236-004A	MW-05_02102015	2/10/2015 935h	Aqueous	ICPMS Metals, Dissolved
1502236-005A	MW-12_02092015	2/9/2015 1530h	Aqueous	ICPMS Metals, Dissolved
1502236-006A	MW-24_02122015	2/12/2015 650h	Aqueous	Anions, E300.0
1502236-006B	MW-24_02122015	2/12/2015 650h	Aqueous	ICPMS Metals, Dissolved
1502236-007A	MW-27_02092015	2/9/2015 1100h	Aqueous	Anions, E300.0
1502236-007B	MW-27_02092015	2/9/2015 1100h	Aqueous	Total Dissolved Solids, A2540C
1502236-007C	MW-27_02092015	2/9/2015 1100h	Aqueous	Nitrite/Nitrate (as N), E353.2
1502236-008A	MW-28_02092015	2/9/2015 1615h	Aqueous	Anions, E300.0
1502236-008B	MW-28_02092015	2/9/2015 1615h	Aqueous	ICPMS Metals, Dissolved
1502236-008B	MW-28_02092015	2/9/2015 1615h	Aqueous	ICP Metals, Dissolved
1502236-009A	MW-29_02102015	2/10/2015 955h	Aqueous	Total Dissolved Solids, A2540C

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Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1502236

3440 South 700 West
Salt Lake City, UT 84119

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	2/13/2015
Date(s) of Collection:	2/9 - 2/12/2015
Sample Condition:	Intact
C-O-C Discrepancies:	None

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, DUP:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1502236-008B	Manganese	MSD	High analyte concentrations
1502236-002C	Nitrate/Nitrite	MS	Sample matrix interference

Duplicate (DUP): The RPD for TDS on sample 1502236-003D was outside of control limits due to suspected sample non-homogeneity or matrix interference.

Corrective Action: None required.

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Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Groundwater 2015
Lab Set ID:	1502236

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Salt Lake City, UT 84119

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	2/13/2015
Date(s) of Collection:	2/9 - 2/12/2015
Sample Condition:	Intact
C-O-C Discrepancies:	None
Method:	SW-846 8260C/5030C
Analysis:	Volatile Organic Compounds

General Set Comments: Tetrahydrofuran was observed above its reporting limit.

Holding Time and Preservation Requirements: The sample was received in appropriate containers and properly preserved. The analysis and preparation of the sample was performed within the method holding times following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, and Surrogates:

Method Blanks (MBs): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Sample (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**LCS-35576**	Date Analyzed:	02/19/2015 1532h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.191	mg/L	E200.7	0.00116	0.00500	0.2000	0	95.4	85 - 115				
Lab Sample ID:	**LCS-35577**	Date Analyzed:	02/24/2015 157h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Cadmium		0.202	mg/L	E200.8	0.000193	0.000500	0.2000	0	101	85 - 115				
Manganese		0.201	mg/L	E200.8	0.00153	0.00200	0.2000	0	101	85 - 115				
Thallium		0.198	mg/L	E200.8	0.0000242	0.00200	0.2000	0	98.8	85 - 115				
Uranium		0.207	mg/L	E200.8	0.0000112	0.00200	0.2000	0	103	85 - 115				
Lab Sample ID:	**LCS-35577**	Date Analyzed:	02/24/2015 1221h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Selenium		0.198	mg/L	E200.8	0.0000634	0.00200	0.2000	0	99.0	85 - 115				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**MB-35576**	Date Analyzed:	02/19/2015 1530h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		< 0.00500	mg/L	E200.7	0.00116	0.00500								
Lab Sample ID:	**MB-35577**	Date Analyzed:	02/24/2015 154h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Cadmium		< 0.000500	mg/L	E200.8	0.000193	0.000500								
Manganese		< 0.00200	mg/L	E200.8	0.00153	0.00200								
Selenium		< 0.00200	mg/L	E200.8	0.0000634	0.00200								
Lab Sample ID:	**MB-35577**	Date Analyzed:	02/24/2015 307h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Thallium		< 0.000500	mg/L	E200.8	0.00000605	0.000500								
Lab Sample ID:	**MB-35577**	Date Analyzed:	02/24/2015 333h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/19/2015 1607h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.187	mg/L	E200.7	0.00116	0.00500	0.2000	0	93.4	70 - 130				
Lab Sample ID:	**1502236-008BMS**	Date Analyzed:	02/19/2015 1617h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.195	mg/L	E200.7	0.00116	0.00500	0.2000	0.00564	94.5	70 - 130				
Lab Sample ID:	**1502235-001EMS**	Date Analyzed:	02/24/2015 210h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Cadmium		0.185	mg/L	E200.8	0.000193	0.000500	0.2000	0.000429	92.4	75 - 125				
Manganese		1.37	mg/L	E200.8	0.00153	0.00200	0.2000	1.17	101	75 - 125				
Selenium		0.191	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00553	92.9	75 - 125				
Thallium		0.182	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00026	90.9	75 - 125				
Uranium		0.273	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0786	97.1	75 - 125				
Lab Sample ID:	**1502236-008BMS**	Date Analyzed:	02/24/2015 235h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Cadmium		0.188	mg/L	E200.8	0.000193	0.000500	0.2000	0.00483	91.6	75 - 125				
Manganese		1.88	mg/L	E200.8	0.00153	0.00200	0.2000	1.71	86.1	75 - 125				
Selenium		0.187	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00393	91.6	75 - 125				
Thallium		0.181	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000835	90.3	75 - 125				
Uranium		0.197	mg/L	E200.8	0.0000112	0.00200	0.2000	0.00448	96.4	75 - 125				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/19/2015 1609h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.190	mg/L	E200.7	0.00116	0.00500	0.2000	0	94.9	70 - 130	0.187	1.61	20	
Lab Sample ID:	**1502236-008BMSD**	Date Analyzed:	02/19/2015 1619h											
Test Code:	200.7-DIS	Date Prepared:	02/13/2015 1458h											
Vanadium		0.198	mg/L	E200.7	0.00116	0.00500	0.2000	0.00564	96.2	70 - 130	0.195	1.77	20	
Lab Sample ID:	**1502235-001EMSD**	Date Analyzed:	02/24/2015 213h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Cadmium		0.189	mg/L	E200.8	0.000193	0.000500	0.2000	0.000429	94.5	75 - 125	0.185	2.21	20	
Manganese		1.36	mg/L	E200.8	0.00153	0.00200	0.2000	1.17	97.0	75 - 125	1.37	0.636	20	
Selenium		0.194	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00553	94.1	75 - 125	0.191	1.21	20	
Thallium		0.187	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00026	93.4	75 - 125	0.182	2.76	20	
Uranium		0.277	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0786	99.1	75 - 125	0.273	1.47	20	
Lab Sample ID:	**1502236-008BMSD**	Date Analyzed:	02/24/2015 239h											
Test Code:	200.8-DIS	Date Prepared:	02/13/2015 1458h											
Cadmium		0.190	mg/L	E200.8	0.000193	0.000500	0.2000	0.00483	92.7	75 - 125	0.188	1.11	20	
Manganese		1.85	mg/L	E200.8	0.00153	0.00200	0.2000	1.71	69.8	75 - 125	1.88	1.75	20	2
Selenium		0.191	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00393	93.5	75 - 125	0.187	2.04	20	
Thallium		0.181	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000835	90.3	75 - 125	0.181	0.0481	20	
Uranium		0.198	mg/L	E200.8	0.0000112	0.00200	0.2000	0.00448	96.6	75 - 125	0.197	0.175	20	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502236-003DDUP Date Analyzed: 02/13/2015 1435h Test Code: TDS-W-2540C													
Total Dissolved Solids	6,100	mg/L	SM2540C	12.3	20.0					5470	10.9	5	@

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

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R75863 Date Analyzed: 02/18/2015 1555h													
Test Code: 300.0-W													
Chloride	5.30	mg/L	E300.0	0.00751	0.100	5.000	0	106	90 - 110				
Fluoride	5.46	mg/L	E300.0	0.00681	0.100	5.000	0	109	90 - 110				
Sulfate	5.23	mg/L	E300.0	0.0211	0.750	5.000	0	105	90 - 110				
Lab Sample ID: LCS-R75867 Date Analyzed: 02/19/2015 1226h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.945	mg/L	E353.2	0.00833	0.0100	1.000	0	94.5	90 - 110				
Lab Sample ID: LCS-R75752 Date Analyzed: 02/13/2015 1435h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	208	mg/L	SM2540C	6.13	10.0	205.0	0	101	80 - 120				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-R75863 Date Analyzed: 02/18/2015 1538h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Fluoride	< 0.100	mg/L	E300.0	0.00681	0.100								
Sulfate	< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID: MB-R75867 Date Analyzed: 02/19/2015 1223h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								
Lab Sample ID: MB-R75752 Date Analyzed: 02/13/2015 1435h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502235-001BMS Date Analyzed: 02/18/2015 2008h													
Test Code: 300.0-W													
Chloride	5,030	mg/L	E300.0	7.51	100	5,000	77.2	99.1	90 - 110				
Fluoride	5,130	mg/L	E300.0	6.81	100	5,000	0	103	90 - 110				
Sulfate	6,870	mg/L	E300.0	21.1	750	5,000	1890	99.5	90 - 110				
Lab Sample ID: 1502236-002AMS Date Analyzed: 02/18/2015 2132h													
Test Code: 300.0-W													
Chloride	4,950	mg/L	E300.0	7.51	100	5,000	107	97.0	90 - 110				
Fluoride	5,090	mg/L	E300.0	6.81	100	5,000	0	102	90 - 110				
Sulfate	8,260	mg/L	E300.0	21.1	750	5,000	3260	100	90 - 110				
Lab Sample ID: 1502236-007AMS Date Analyzed: 02/19/2015 218h													
Test Code: 300.0-W													
Chloride	533	mg/L	E300.0	0.751	10.0	500.0	44.2	97.8	90 - 110				
Fluoride	510	mg/L	E300.0	0.681	10.0	500.0	0	102	90 - 110				
Sulfate	887	mg/L	E300.0	2.11	75.0	500.0	402	97.2	90 - 110				
Lab Sample ID: 1502235-002BMS Date Analyzed: 02/19/2015 846h													
Test Code: 300.0-W													
Chloride	114	mg/L	E300.0	0.0751	1.00	50.00	61.2	107	90 - 110				
Fluoride	55.4	mg/L	E300.0	0.0681	1.00	50.00	0.279	110	90 - 110				
Lab Sample ID: 1502235-001DMS NO3 Date Analyzed: 02/19/2015 1231h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	13.5	mg/L	E353.2	0.0833	0.100	10.00	2.68	109	90 - 110				
Lab Sample ID: 1502236-002CMS NO3 Date Analyzed: 02/19/2015 1248h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.52	mg/L	E353.2	0.00833	0.0100	1.000	0.638	88.7	90 - 110				1

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

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502235-001BMSD Date Analyzed: 02/18/2015 2025h													
Test Code: 300.0-W													
Chloride	5,010	mg/L	E300.0	7.51	100	5,000	77.2	98.7	90 - 110	5030	0.376	20	
Fluoride	5,100	mg/L	E300.0	6.81	100	5,000	0	102	90 - 110	5130	0.652	20	
Sulfate	6,760	mg/L	E300.0	21.1	750	5,000	1890	97.3	90 - 110	6870	1.57	20	
Lab Sample ID: 1502236-002AMSD Date Analyzed: 02/18/2015 2149h													
Test Code: 300.0-W													
Chloride	5,030	mg/L	E300.0	7.51	100	5,000	107	98.4	90 - 110	4950	1.42	20	
Fluoride	5,060	mg/L	E300.0	6.81	100	5,000	0	101	90 - 110	5090	0.595	20	
Sulfate	8,240	mg/L	E300.0	21.1	750	5,000	3260	99.5	90 - 110	8260	0.261	20	
Lab Sample ID: 1502236-007AMSD Date Analyzed: 02/19/2015 235h													
Test Code: 300.0-W													
Chloride	531	mg/L	E300.0	0.751	10.0	500.0	44.2	97.4	90 - 110	533	0.386	20	
Fluoride	506	mg/L	E300.0	0.681	10.0	500.0	0	101	90 - 110	510	0.778	20	
Sulfate	892	mg/L	E300.0	2.11	75.0	500.0	402	98.1	90 - 110	887	0.511	20	
Lab Sample ID: 1502235-002BMSD Date Analyzed: 02/19/2015 903h													
Test Code: 300.0-W													
Chloride	109	mg/L	E300.0	0.0751	1.00	50.00	61.2	95.8	90 - 110	114	4.85	20	
Fluoride	51.3	mg/L	E300.0	0.0681	1.00	50.00	0.279	102	90 - 110	55.4	7.67	20	
Lab Sample ID: 1502235-001DMSD NO3 Date Analyzed: 02/19/2015 1233h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	13.0	mg/L	E353.2	0.0833	0.100	10.00	2.68	103	90 - 110	13.5	4.00	10	
Lab Sample ID: 1502236-002CMSD NO3 Date Analyzed: 02/19/2015 1250h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.61	mg/L	E353.2	0.00833	0.0100	1.000	0.638	97.3	90 - 110	1.53	5.48	10	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-1 021315A Date Analyzed: 02/13/2015 729h													
Test Code: 8260-W-DEN100													
Tetrahydrofuran	14.5	µg/L	SW8260C	0.516	1.00	20.00	0	72.4	43 - 146				
Surr: 1,2-Dichloroethane-d4	54.3	µg/L	SW8260C			50.00		109	76 - 138				
Surr: 4-Bromofluorobenzene	46.5	µg/L	SW8260C			50.00		93.1	77 - 121				
Surr: Dibromofluoromethane	51.2	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	48.6	µg/L	SW8260C			50.00		97.2	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-1 021315A Date Analyzed: 02/13/2015 808h Test Code: 8260-W-DEN100													
Tetrahydrofuran	< 1.00	µg/L	SW8260C	0.516	1.00								
Surr: 1,2-Dichloroethane-d4	56.8	µg/L	SW8260C			50.00		114	76 - 138				
Surr: 4-Bromofluorobenzene	51.2	µg/L	SW8260C			50.00		102	77 - 121				
Surr: Dibromofluoromethane	52.9	µg/L	SW8260C			50.00		106	67 - 128				
Surr: Toluene-d8	48.2	µg/L	SW8260C			50.00		96.5	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502236-001CMS Date Analyzed: 02/13/2015 1756h													
Test Code: 8260-W-DEN100													
Tetrahydrofuran	20.2	µg/L	SW8260C	0.516	1.00	20.00	1.63	92.7	43 - 146				
Surr: 1,2-Dichloroethane-d4	57.4	µg/L	SW8260C			50.00		115	72 - 151				
Surr: 4-Bromofluorobenzene	49.6	µg/L	SW8260C			50.00		99.2	80 - 128				
Surr: Dibromofluoromethane	52.4	µg/L	SW8260C			50.00		105	80 - 124				
Surr: Toluene-d8	47.4	µg/L	SW8260C			50.00		94.9	77 - 129				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1502236
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1502236-001CMSD Date Analyzed: 02/13/2015 1815h Test Code: 8260-W-DEN100													
Tetrahydrofuran	21.8	µg/L	SW8260C	0.516	1.00	20.00	1.63	101	43 - 146	20.2	7.86	25	
Surr: 1,2-Dichloroethane-d4	57.4	µg/L	SW8260C			50.00		115	72 - 151				
Surr: 4-Bromofluorobenzene	50.2	µg/L	SW8260C			50.00		100	80 - 128				
Surr: Dibromofluoromethane	52.7	µg/L	SW8260C			50.00		105	80 - 124				
Surr: Toluene-d8	47.3	µg/L	SW8260C			50.00		94.6	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1502236**

Client: Energy Fuels Resources, Inc. Due Date: 2/24/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **1st Quarter Groundwater 2015** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). Groundwater project specific DL's: Assumes dilution of 2 for U, 5 for Tl, and 20X for others for required 200.8 PQLs. EDD-Denison and EIM-Locus. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502236-001A	**MW-01_02102015**	2/10/2015 1330h	2/13/2015 0930h	**300.0-W**	Aqueous	☑	DF - so4	1
				1 SEL Analytes: SO4				
1502236-001B				**200.8-DIS**		☑	DF - Dis Metals	
				1 SEL Analytes: MN				
				200.8-DIS-PR		☐	DF - Dis Metals	
1502236-001C				**8260-W-DEN100**		☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 1 / # of Surr: 4				
1502236-002A	**MW-03_02112015**	2/11/2015 1025h	2/13/2015 0930h	**300.0-W**	Aqueous	☑	DF - so4	1
				2 SEL Analytes: F SO4				
1502236-002B				**200.8-DIS**		☑	DF - Dis Metals	
				1 SEL Analytes: SE				
				200.8-DIS-PR		☐	DF - Dis Metals	
1502236-002C				**NO2/NO3-W-353.2**		☑	DF - no2/no3	
				1 SEL Analytes: NO3NO2N				
1502236-003A	**MW-03A_02122015**	2/12/2015 0630h	2/13/2015 0930h	**300.0-W**	Aqueous	☑	DF - so4	1
				1 SEL Analytes: SO4				
1502236-003B				**200.8-DIS**		☑	DF - Dis Metals	
				1 SEL Analytes: SE				
				200.8-DIS-PR		☐	DF - Dis Metals	
1502236-003C				**NO2/NO3-W-353.2**		☑	DF - no2/no3	
				1 SEL Analytes: NO3NO2N				
1502236-003D				**TDS-W-2540C**		☑	DF - tds	
				1 SEL Analytes: TDS				
1502236-004A	**MW-05_02102015**	2/10/2015 0935h	2/13/2015 0930h	**200.8-DIS**	Aqueous	☑	DF - Dis Metals	1
				1 SEL Analytes: U				
				200.8-DIS-PR		☐	DF - Dis Metals	
1502236-005A	**MW-12_02092015**	2/9/2015 1530h	2/13/2015 0930h	**200.8-DIS**	Aqueous	☑	DF - Dis Metals	1
				1 SEL Analytes: SE				
				200.8-DIS-PR		☐	DF - Dis Metals	
1502236-006A	**MW-24_02122015**	2/12/2015 0650h	2/13/2015 0930h	**300.0-W**	Aqueous	☑	DF - so4	1
				2 SEL Analytes: F SO4				

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WORK ORDER Summary

Work Order: **1502236**

Client: Energy Fuels Resources, Inc. Due Date: 2/24/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1502236-006B	**MW-24_02122015**	2/12/2015 0650h	2/13/2015 0930h	**200.8-DIS**	Aqueous	☑	DF - Dis Metals	1
				2 SEL Analytes: CD TL				
				200.8-DIS-PR		☐	DF - Dis Metals	
1502236-007A	**MW-27_02092015**	2/9/2015 1100h	2/13/2015 0930h	**300.0-W**	Aqueous	☑	DF - so4	1
				2 SEL Analytes: CL SO4				
1502236-007B				**TDS-W-2540C**		☑	DF - tds	
				1 SEL Analytes: TDS				
1502236-007C				**NO2/NO3-W-353.2**		☑	DF - no2/no3	
				1 SEL Analytes: NO3NO2N				
1502236-008A	**MW-28_02092015**	2/9/2015 1615h	2/13/2015 0930h	**300.0-W**	Aqueous	☑	DF - so4	1
				1 SEL Analytes: CL				
1502236-008B				**200.7-DIS**		☑	DF - Dis Metals	
				1 SEL Analytes: V				
				200.7-DIS-PR		☐	DF - Dis Metals	
				200.8-DIS		☑	DF - Dis Metals	
				2 SEL Analytes: CD U				
				200.8-DIS-PR		☐	DF - Dis Metals	
1502236-009A	**MW-29_02102015**	2/10/2015 0955h	2/13/2015 0930h	**TDS-W-2540C**	Aqueous	☑	DF - tds	1
				1 SEL Analytes: TDS				

1502336
4502335

American West Analytical Laboratories

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CHAIN OF CUSTODY

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

AWAL Lab Sample Set #
Page 1 of 1

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **1st Quarter Groundwater 2015**
Project #:
PO #:
Sampler Name: **Tanner Holliday**

X Include EDD:
LOCUS UPLOAD
EXCEL
X Field Filtered For:
Dissolved Metals

For Compliance With:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ Non-Compliance
☐ Other:

Laboratory Use Only
Samples Were:
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 3.3 °C
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
Checked at bench N
6 Received Within Holding Times Y N

	Sample ID:	Date Sampled	Time Sampled	# of Containers	Sample Matrix	NO_2/NO_3 (353.2)	Dissolved Manganese (200.7/200.8)	Cl (4500 or 300.0)	TDS (2540C)	Dissolved Uranium (200.7/200.8)	Dissolved Cadmium (200.7/200.8)	Dissolved Selenium (200.7/200.8)	Dissolved Thallium (200.7/200.8)	SO_4 (4500 or 300.0)	Fl (4500 or 300.0)	Dissolved Iron (200.7/200.8)	Dissolved Vanadium (200.7/200.8)	VOCs THF (8260C)	Known Hazards & Sample Comments
1	MW-01_02102015	2/10/2015	1330	2	w		X							X				X	
2	MW-03_02112015	2/11/2015	1025	3	w	X						X		X	X				
3	MW-03A_02122015	2/12/2015	630	4	w	X			X			X		X					
4	MW-05_02102015	2/10/2015	935	1	w					X									
5	MW-12_02092015	2/9/2015	1530	1	w							X							
6																			
7																			
8																			
9	MW-24_02122015	2/12/2015	650	2	w						X		X	X	X				
10	MW-27_02092015	2/9/2015	1100	3	w	X		X	X					X					
11	MW-28_02092015	2/9/2015	1615	2	w			X		X	X						X		
12	MW-29_02102015	2/10/2015	955	1	w				X										

QC Tape Was:
Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA
2/13/15
Discrepancies Between Sample Labels and COC Record? Y N

Relinquished by: Signature	Garrin Palmer	Date: 2/13/15	Received by: Signature	Date: 2-13-15
Print Name:	Garrin Palmer	Time: 0930	Print Name: Elena Hayes	Time: 930
Relinquished by: Signature		Date:	Received by: Signature	Date:
Print Name:		Time:	Print Name:	Time:
Relinquished by: Signature		Date:	Received by: Signature	Date:
Print Name:		Time:	Print Name:	Time:
Relinquished by: Signature		Date:	Received by: Signature	Date:
Print Name:		Time:	Print Name:	Time:

Special Instructions:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Contaminant	Analytical Methods to be Used	Reporting Limit[1]	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
	or SW8260C				
Toluene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Xylenes (total)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Others					
Field pH (S.U.)	A4500-H B	0.01 s.u.	Immediate	None	None
Fluoride	A4500-F C or E300.0	0.1 mg/L	28 days	None	None
TDS	A2540 C	10 mg/L	7 days	None	≤ 6°C
General Inorganics					
Chloride	A4500-Cl B or A4500-Cl E or E300.0	1 mg/L	28 days	None	None
Sulfate	A4500-SO4 E or E300.0	1 mg/L	28 days	None	≤ 6°C
Carbonate as CO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Bicarbonate as HCO3	A2320 B	1 mg/L	14 days	None	≤ 6°C
Sodium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Potassium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Magnesium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None
Calcium	E200.7	0.5 mg/L	6 months	HNO_3 to pH<2	None

1. The Analytical Laboratory will be required to meet the reporting limits ("RLs") in the foregoing Table, unless the RL must be increased due to sample matrix interference (i.e., due to dilution gain), in which case the increased RL will be used, or unless otherwise approved by the Executive Secretary.

Contaminant	Analytical Methods to be Used	Reporting Limit[1]	Maximum Holding Times	Sample Preservation Requirements	Sample Temperature Requirements
Tin	E200.7 or E200.8	100 µg/L	6 months	HNO_3 to pH<2	None
Uranium	E200.7 or E200.8	0.30 µg/L	6 months	HNO_3 to pH<2	None
Vanadium	E200.7 or E200.8	15 µg/L	6 months	HNO_3 to pH<2	None
Zinc	E200.7 or E200.8	10 µg/L	6 months	HNO_3 to pH<2	None
Radiologics					
Gross Alpha	E 900.0 or E900.1	1.0 pCi/L	6 months	HNO_3 to pH<2	None
Volatile Organic Compounds					
Acetone	SW8260B or SW8260C	20 µg/L	14 days	HCl to pH<2	≤ 6°C
Benzene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
2-Butanone (MEK)	SW8260B or SW8260C	20 µg/L	14 days	HCl to pH<2	≤ 6°C
Carbon Tetrachloride	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloroform	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Chloromethane	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Dichloromethane (Methylene Chloride)	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Naphthalene	SW8260B or SW8260C	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C
Tetrahydrofuran	SW8260B	1.0 µg/L	14 days	HCl to pH<2	≤ 6°C

Lab Set ID: 1502236

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8										
Ammonia	pH <2 H_2SO_4																		
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3	Yes	Yes	Yes	Yes	Yes	Yes		Yes										
NO_2 & NO_3	pH <2 H_2SO_4		Yes	Yes				Yes											
O & G	pH <2 HCL		Yes																
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_4																		

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved

▲ The Sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 1st Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1503121

American West Analytical Laboratories received 2 sample(s) on 3/9/2015 for the analyses presented in the following report.

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

This is a revision to a report originally issued 3/27/2015. Pages 1-4 and 8 have been revised. The collection date for sample 1503121-002A was corrected.

Thank You,

Approved by: Kyle F. Gross
Digitally signed by Kyle F. Gross
DN: cn=Kyle F. Gross, o=AWAL, ou=AWAL, email=kyle@awal-labs.com, c=US
Date: 2015.03.31 11:55:58 -06'00'

Laboratory Director or designee

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

REVISED SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1503121
Date Received: 3/9/2015 1125h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1503121-001A	MW-37_03052015	3/5/2015	800h	Aqueous	VOA by GC/MS Method 8260C/5030C
1503121-001B	MW-37_03052015	3/5/2015	800h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1503121-001B	MW-37_03052015	3/5/2015	800h	Aqueous	Anions, E300.0
1503121-001C	MW-37_03052015	3/5/2015	800h	Aqueous	Total Dissolved Solids, A2540C
1503121-001D	MW-37_03052015	3/5/2015	800h	Aqueous	Ammonia, Aqueous
1503121-001D	MW-37_03052015	3/5/2015	800h	Aqueous	Nitrite/Nitrate (as N), E353.2
1503121-001E	MW-37_03052015	3/5/2015	800h	Aqueous	Mercury, Drinking Water Dissolved
1503121-001E	MW-37_03052015	3/5/2015	800h	Aqueous	ICPMS Metals, Dissolved
1503121-001E	MW-37_03052015	3/5/2015	800h	Aqueous	ICP Metals, Dissolved
1503121-001E	MW-37_03052015	3/5/2015	800h	Aqueous	Ion Balance
1503121-002A	Trip Blank	3/5/2015			VOA by GC/MS Method 8260C/5030C

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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Revised Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 1st Quarter Groundwater 2015
Lab Set ID: 1503121

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt: 3/9/2015
Date of Collection: 3/5/2015
Sample Condition: See C-O-C
C-O-C Discrepancies: None

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, DUP:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1503120-003B	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix interference
1503121-001E	Calcium	MS/MSD	High analyte concentration
1503121-001E	Magnesium	MS/MSD	High analyte concentration
1503121-001E	Sodium	MS/MSD	High analyte concentration

Duplicate (DUP): The parameters that required a duplicate analysis had RPDs within the control limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Revised Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	1st Quarter Groundwater 2015
Lab Set ID:	1503121

Sample Receipt Information:

Date of Receipt:	3/9/2015
Date of Collection:	3/5/2015
Sample Condition:	See C-O-C
C-O-C Discrepancies:	None
Method:	SW-846 8260C/5030C
Analysis:	Volatile Organic Compounds

General Set Comments: No target analytes were observed above reporting limits.

Holding Time and Preservation Requirements: All samples were received in appropriate containers and properly preserved. The analysis and preparation of all samples were performed within the method holding times following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, and Surrogates:

Method Blanks (MBs): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Sample (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-35945	Date Analyzed:	03/13/2015 1643h											
Test Code: 200.7-DIS	Date Prepared:	03/10/2015 1534h											
Calcium	9.69	mg/L	E200.7	0.0401	1.00	10.00	0	96.9	85 - 115				
Magnesium	9.80	mg/L	E200.7	0.0294	1.00	10.00	0	98.0	85 - 115				
Potassium	9.64	mg/L	E200.7	0.247	1.00	10.00	0	96.4	85 - 115				
Sodium	9.90	mg/L	E200.7	0.0330	1.00	10.00	0	99.0	85 - 115				
Vanadium	0.186	mg/L	E200.7	0.00116	0.00500	0.2000	0	93.2	85 - 115				
Zinc	0.927	mg/L	E200.7	0.00737	0.0100	1.000	0	92.7	85 - 115				
Lab Sample ID: LCS-35946	Date Analyzed:	03/11/2015 1636h											
Test Code: 200.8-DIS	Date Prepared:	03/10/2015 1534h											
Arsenic	0.196	mg/L	E200.8	0.0000920	0.00200	0.2000	0	97.9	85 - 115				
Beryllium	0.200	mg/L	E200.8	0.0000288	0.00200	0.2000	0	99.9	85 - 115				
Cadmium	0.188	mg/L	E200.8	0.000193	0.000500	0.2000	0	94.2	85 - 115				
Chromium	0.192	mg/L	E200.8	0.00154	0.00200	0.2000	0	96.0	85 - 115				
Cobalt	0.188	mg/L	E200.8	0.0000434	0.00400	0.2000	0	94.0	85 - 115				
Copper	0.192	mg/L	E200.8	0.000692	0.00200	0.2000	0	96.2	85 - 115				
Lead	0.194	mg/L	E200.8	0.000264	0.00200	0.2000	0	96.9	85 - 115				
Manganese	0.192	mg/L	E200.8	0.00153	0.00200	0.2000	0	95.8	85 - 115				
Molybdenum	0.192	mg/L	E200.8	0.000206	0.00200	0.2000	0	96.0	85 - 115				
Nickel	0.188	mg/L	E200.8	0.000754	0.00200	0.2000	0	94.1	85 - 115				
Selenium	0.190	mg/L	E200.8	0.0000634	0.00200	0.2000	0	95.2	85 - 115				
Silver	0.192	mg/L	E200.8	0.0000244	0.00200	0.2000	0	96.2	85 - 115				
Thallium	0.186	mg/L	E200.8	0.0000242	0.00200	0.2000	0	93.0	85 - 115				
Tin	0.967	mg/L	E200.8	0.000348	0.00200	1.000	0	96.7	85 - 115				
Lab Sample ID: LCS-35946	Date Analyzed:	03/13/2015 2055h											
Test Code: 200.8-DIS	Date Prepared:	03/10/2015 1534h											
Iron	0.985	mg/L	E200.8	0.0118	0.100	1.000	0	98.5	85 - 115				
Uranium	0.209	mg/L	E200.8	0.0000112	0.00200	0.2000	0	105	85 - 115				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**LCS-35957**	Date Analyzed:	03/11/2015 1130h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	03/10/2015 1600h											
Mercury		0.00341	mg/L	E245.1	0.00000892	0.000150	0.003330	0	103	85 - 115				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**MB-35945**	Date Analyzed:	03/13/2015 1641h											
Test Code:	200.7-DIS	Date Prepared:	03/10/2015 1534h											
Calcium		< 1.00	mg/L	E200.7	0.0401	1.00								
Magnesium		< 1.00	mg/L	E200.7	0.0294	1.00								
Potassium		< 1.00	mg/L	E200.7	0.247	1.00								
Sodium		< 1.00	mg/L	E200.7	0.0330	1.00								
Vanadium		< 0.00500	mg/L	E200.7	0.00116	0.00500								
Zinc		< 0.0100	mg/L	E200.7	0.00737	0.0100								
Lab Sample ID:	**MB-35946**	Date Analyzed:	03/11/2015 1632h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Arsenic		< 0.00200	mg/L	E200.8	0.0000920	0.00200								
Cadmium		< 0.000500	mg/L	E200.8	0.000193	0.000500								
Chromium		< 0.00200	mg/L	E200.8	0.00154	0.00200								
Cobalt		< 0.00400	mg/L	E200.8	0.0000434	0.00400								
Copper		< 0.00200	mg/L	E200.8	0.000692	0.00200								
Manganese		< 0.00200	mg/L	E200.8	0.00153	0.00200								
Molybdenum		< 0.00200	mg/L	E200.8	0.000206	0.00200								
Nickel		< 0.00200	mg/L	E200.8	0.000754	0.00200								
Selenium		< 0.00200	mg/L	E200.8	0.0000634	0.00200								
Silver		< 0.00200	mg/L	E200.8	0.0000244	0.00200								
Tin		< 0.00200	mg/L	E200.8	0.000348	0.00200								
Lab Sample ID:	**MB-35946**	Date Analyzed:	03/13/2015 2051h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Iron		< 0.0250	mg/L	E200.8	0.00296	0.0250								
Lead		< 0.000500	mg/L	E200.8	0.0000660	0.000500								
Thallium		< 0.000500	mg/L	E200.8	0.00000605	0.000500								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**MB-35946**	Date Analyzed:	03/13/2015 2133h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID:	**MB-35946**	Date Analyzed:	03/16/2015 1738h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Beryllium		< 0.000500	mg/L	E200.8	0.00000720	0.000500								
Lab Sample ID:	**MB-35957**	Date Analyzed:	03/11/2015 1128h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	03/10/2015 1600h											
Mercury		< 0.000500	mg/L	E245.1	0.00000892	0.000500								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1503121-001EMS**	Date Analyzed:	03/13/2015 1727h											
Test Code:	200.7-DIS	Date Prepared:	03/10/2015 1534h											
Potassium		27.2	mg/L	E200.7	0.247	1.00	10.00	16.6	106	70 - 130				
Vanadium		0.196	mg/L	E200.7	0.00116	0.00500	0.2000	0	98.0	70 - 130				
Zinc		1.07	mg/L	E200.7	0.00737	0.0100	1.000	0.0557	102	70 - 130				
Lab Sample ID:	**1503121-001EMS**	Date Analyzed:	03/26/2015 1601h											
Test Code:	200.7-DIS	Date Prepared:	03/10/2015 1534h											
Calcium		501	mg/L	E200.7	0.802	20.0	10.00	469	319	70 - 130				2
Magnesium		141	mg/L	E200.7	0.588	20.0	10.00	124	166	70 - 130				2
Sodium		533	mg/L	E200.7	0.660	20.0	10.00	502	308	70 - 130				2
Lab Sample ID:	**1503120-001AMS**	Date Analyzed:	03/11/2015 1648h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Arsenic		0.201	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000296	100	75 - 125				
Beryllium		0.191	mg/L	E200.8	0.0000288	0.00200	0.2000	0	95.6	75 - 125				
Cadmium		0.189	mg/L	E200.8	0.000193	0.000500	0.2000	0	94.3	75 - 125				
Chromium		0.186	mg/L	E200.8	0.00154	0.00200	0.2000	0.00166	92.4	75 - 125				
Cobalt		0.187	mg/L	E200.8	0.0000434	0.00400	0.2000	0.000633	93.1	75 - 125				
Copper		0.186	mg/L	E200.8	0.000692	0.00200	0.2000	0	93.0	75 - 125				
Lead		0.192	mg/L	E200.8	0.000264	0.00200	0.2000	0.000458	95.6	75 - 125				
Manganese		0.336	mg/L	E200.8	0.00153	0.00200	0.2000	0.149	93.4	75 - 125				
Molybdenum		0.200	mg/L	E200.8	0.000206	0.00200	0.2000	0.0023	98.7	75 - 125				
Nickel		0.186	mg/L	E200.8	0.000754	0.00200	0.2000	0	92.8	75 - 125				
Selenium		0.190	mg/L	E200.8	0.0000634	0.00200	0.2000	0	95.1	75 - 125				
Silver		0.188	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000805	94.0	75 - 125				
Thallium		0.182	mg/L	E200.8	0.0000242	0.00200	0.2000	0	91.1	75 - 125				
Tin		0.984	mg/L	E200.8	0.000348	0.00200	1.000	0	98.4	75 - 125				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1503121-001EMS**	Date Analyzed:	03/11/2015 1723h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Arsenic		0.209	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000377	104	75 - 125				
Beryllium		0.196	mg/L	E200.8	0.0000288	0.00200	0.2000	0.0000846	97.8	75 - 125				
Cadmium		0.192	mg/L	E200.8	0.000193	0.000500	0.2000	0.000483	95.8	75 - 125				
Chromium		0.192	mg/L	E200.8	0.00154	0.00200	0.2000	0	95.9	75 - 125				
Cobalt		0.193	mg/L	E200.8	0.0000434	0.00400	0.2000	0.00205	95.4	75 - 125				
Copper		0.190	mg/L	E200.8	0.000692	0.00200	0.2000	0.00108	94.3	75 - 125				
Lead		0.197	mg/L	E200.8	0.000264	0.00200	0.2000	0	98.6	75 - 125				
Manganese		0.305	mg/L	E200.8	0.00153	0.00200	0.2000	0.111	97.3	75 - 125				
Molybdenum		0.208	mg/L	E200.8	0.000206	0.00200	0.2000	0.000459	104	75 - 125				
Nickel		0.198	mg/L	E200.8	0.000754	0.00200	0.2000	0.01	94.0	75 - 125				
Selenium		0.201	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00665	97.1	75 - 125				
Silver		0.190	mg/L	E200.8	0.0000244	0.00200	0.2000	0	94.9	75 - 125				
Thallium		0.186	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00103	92.3	75 - 125				
Tin		1.04	mg/L	E200.8	0.000348	0.00200	1.000	0	104	75 - 125				
Lab Sample ID:	**1503120-001AMS**	Date Analyzed:	03/13/2015 2101h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Iron		1.04	mg/L	E200.8	0.0118	0.100	1.000	0.0634	98.0	75 - 125				
Uranium		0.211	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000908	105	75 - 125				
Lab Sample ID:	**1503121-001EMS**	Date Analyzed:	03/13/2015 2117h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Iron		1.01	mg/L	E200.8	0.0118	0.100	1.000	0	101	75 - 125				
Uranium		0.232	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0141	109	75 - 125				
Lab Sample ID:	**1503121-001EMS**	Date Analyzed:	03/11/2015 1138h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	03/10/2015 1600h											
Mercury		0.00347	mg/L	E245.1	0.00000892	0.000150	0.003330	0	104	85 - 115				

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1503121-001EMSD**	Date Analyzed:	03/13/2015 1729h											
Test Code:	200.7-DIS	Date Prepared:	03/10/2015 1534h											
Potassium		27.1	mg/L	E200.7	0.247	1.00	10.00	16.6	106	70 - 130	27.2	0.212	20	
Vanadium		0.192	mg/L	E200.7	0.00116	0.00500	0.2000	0	95.8	70 - 130	0.196	2.29	20	
Zinc		1.06	mg/L	E200.7	0.00737	0.0100	1.000	0.0557	100	70 - 130	1.07	1.33	20	
Lab Sample ID:	**1503121-001EMSD**	Date Analyzed:	03/26/2015 1602h											
Test Code:	200.7-DIS	Date Prepared:	03/10/2015 1534h											
Calcium		506	mg/L	E200.7	0.802	20.0	10.00	469	372	70 - 130	501	1.05	20	#
Magnesium		141	mg/L	E200.7	0.588	20.0	10.00	124	168	70 - 130	141	0.139	20	#
Sodium		536	mg/L	E200.7	0.660	20.0	10.00	502	341	70 - 130	533	0.616	20	#
Lab Sample ID:	**1503121-001EMSD**	Date Analyzed:	03/11/2015 1727h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Arsenic		0.205	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000377	102	75 - 125	0.209	2.19	20	
Beryllium		0.193	mg/L	E200.8	0.0000288	0.00200	0.2000	0.0000846	96.7	75 - 125	0.196	1.20	20	
Cadmium		0.189	mg/L	E200.8	0.000193	0.000500	0.2000	0.000483	94.3	75 - 125	0.192	1.55	20	
Chromium		0.189	mg/L	E200.8	0.00154	0.00200	0.2000	0	94.4	75 - 125	0.192	1.62	20	
Cobalt		0.188	mg/L	E200.8	0.0000434	0.00400	0.2000	0.00205	93.1	75 - 125	0.193	2.47	20	
Copper		0.185	mg/L	E200.8	0.000692	0.00200	0.2000	0.00108	91.7	75 - 125	0.19	2.75	20	
Lead		0.194	mg/L	E200.8	0.000264	0.00200	0.2000	0	96.8	75 - 125	0.197	1.82	20	
Manganese		0.301	mg/L	E200.8	0.00153	0.00200	0.2000	0.111	95.0	75 - 125	0.305	1.51	20	
Molybdenum		0.205	mg/L	E200.8	0.000206	0.00200	0.2000	0.000459	102	75 - 125	0.208	1.24	20	
Nickel		0.194	mg/L	E200.8	0.000754	0.00200	0.2000	0.01	92.2	75 - 125	0.198	1.79	20	
Selenium		0.198	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00665	95.4	75 - 125	0.201	1.65	20	
Silver		0.187	mg/L	E200.8	0.0000244	0.00200	0.2000	0	93.4	75 - 125	0.19	1.56	20	
Thallium		0.184	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00103	91.5	75 - 125	0.186	0.853	20	
Tin		1.02	mg/L	E200.8	0.000348	0.00200	1.000	0	102	75 - 125	1.04	2.06	20	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1503120-001AMSD**	Date Analyzed:	03/11/2015 1652h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Arsenic		0.208	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000296	104	75 - 125	0.201	3.49	20	
Beryllium		0.196	mg/L	E200.8	0.0000288	0.00200	0.2000	0	98.1	75 - 125	0.191	2.52	20	
Cadmium		0.193	mg/L	E200.8	0.000193	0.000500	0.2000	0	96.7	75 - 125	0.189	2.48	20	
Chromium		0.193	mg/L	E200.8	0.00154	0.00200	0.2000	0.00166	95.6	75 - 125	0.186	3.37	20	
Cobalt		0.192	mg/L	E200.8	0.0000434	0.00400	0.2000	0.000633	95.6	75 - 125	0.187	2.71	20	
Copper		0.192	mg/L	E200.8	0.000692	0.00200	0.2000	0	95.8	75 - 125	0.186	3.03	20	
Lead		0.196	mg/L	E200.8	0.000264	0.00200	0.2000	0.000458	97.7	75 - 125	0.192	2.16	20	
Manganese		0.345	mg/L	E200.8	0.00153	0.00200	0.2000	0.149	98.0	75 - 125	0.336	2.67	20	
Molybdenum		0.207	mg/L	E200.8	0.000206	0.00200	0.2000	0.0023	102	75 - 125	0.2	3.46	20	
Nickel		0.190	mg/L	E200.8	0.000754	0.00200	0.2000	0	95.2	75 - 125	0.186	2.51	20	
Selenium		0.193	mg/L	E200.8	0.0000634	0.00200	0.2000	0	96.6	75 - 125	0.19	1.55	20	
Silver		0.195	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000805	97.5	75 - 125	0.188	3.67	20	
Thallium		0.187	mg/L	E200.8	0.0000242	0.00200	0.2000	0	93.5	75 - 125	0.182	2.55	20	
Tin		1.02	mg/L	E200.8	0.000348	0.00200	1.000	0	102	75 - 125	0.984	3.59	20	
Lab Sample ID:	**1503120-001AMSD**	Date Analyzed:	03/13/2015 2104h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Iron		1.05	mg/L	E200.8	0.0118	0.100	1.000	0.0634	98.7	75 - 125	1.04	0.685	20	
Uranium		0.209	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000908	104	75 - 125	0.211	0.865	20	
Lab Sample ID:	**1503121-001EMSD**	Date Analyzed:	03/13/2015 2120h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Iron		0.951	mg/L	E200.8	0.0118	0.100	1.000	0	95.1	75 - 125	1.01	5.54	20	
Uranium		0.217	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0141	102	75 - 125	0.232	6.37	20	
Lab Sample ID:	**1503121-001EMSD**	Date Analyzed:	03/11/2015 1140h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	03/10/2015 1600h											
Mercury		0.00349	mg/L	E245.1	0.00000892	0.000150	0.003330	0	105	85 - 115	0.00347	0.575	20	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503120-005DDUP Date Analyzed: 03/09/2015 1440h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	1,530	mg/L	SM2540C	12.3	20.0					1530	0	5	
Lab Sample ID: 1503121-001CDUP Date Analyzed: 03/09/2015 1440h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	3,940	mg/L	SM2540C	12.3	20.0					3870	1.95	5	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R76424 Date Analyzed: 03/10/2015 1306h													
Test Code: 300.0-W													
Chloride	4.88	mg/L	E300.0	0.00751	0.100	5.000	0	97.6	90 - 110				
Fluoride	5.02	mg/L	E300.0	0.00681	0.100	5.000	0	100	90 - 110				
Sulfate	4.58	mg/L	E300.0	0.0211	0.750	5.000	0	91.6	90 - 110				
Lab Sample ID: LCS-R76381 Date Analyzed: 03/10/2015 742h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	51,500	mg/L	SM2320B	0.504	1.00	50,000	0	103	90 - 110				
Lab Sample ID: LCS-35940 Date Analyzed: 03/11/2015 1209h													
Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	10.2	mg/L	E350.1	0.0226	0.0500	10.00	0	102	90 - 110				
Lab Sample ID: LCS NO3-R76407 Date Analyzed: 03/10/2015 1309h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.06	mg/L	E353.2	0.00833	0.0100	1.000	0	106	90 - 110				
Lab Sample ID: LCS-R76404 Date Analyzed: 03/09/2015 1440h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	206	mg/L	SM2540C	6.13	10.0	205.0	0	100	80 - 120				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-76424	Date Analyzed:	03/10/2015 1249h											
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Fluoride	< 0.100	mg/L	E300.0	0.00681	0.100								
Sulfate	< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID: MB-R76381	Date Analyzed:	03/10/2015 742h											
Test Code: ALK-W-2320B-LL													
Bicarbonate (as CaCO3)	< 1.00	mg/L	SM2320B	0.504	1.00								
Carbonate (as CaCO3)	< 1.00	mg/L	SM2320B	0.504	1.00								
Lab Sample ID: MB-35940	Date Analyzed:	03/11/2015 1208h											
Test Code: NH3-W-350.1	Date Prepared:	03/10/2015 922h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R76407	Date Analyzed:	03/10/2015 1307h											
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								
Lab Sample ID: MB-R76404	Date Analyzed:	03/09/2015 1440h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503120-005CMS Date Analyzed: 03/10/2015 1718h													
Test Code: 300.0-W													
Chloride	700	mg/L	E300.0	0.751	10.0	500.0	209	98.2	90 - 110				
Sulfate	1,140	mg/L	E300.0	2.11	75.0	500.0	616	105	90 - 110				
Lab Sample ID: 1503121-001BMS Date Analyzed: 03/10/2015 2024h													
Test Code: 300.0-W													
Chloride	4,870	mg/L	E300.0	7.51	100	5,000	46.9	96.4	90 - 110				
Fluoride	5,020	mg/L	E300.0	6.81	100	5,000	0	100	90 - 110				
Sulfate	7,500	mg/L	E300.0	21.1	750	5,000	2650	97.0	90 - 110				
Lab Sample ID: 1503121-001BMS Date Analyzed: 03/10/2015 742h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	243	mg/L	SM2320B	0.504	1.00	100.0	134	110	80 - 120				
Lab Sample ID: 1503120-004BMS Date Analyzed: 03/11/2015 1218h													
Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	10.2	mg/L	E350.1	0.0226	0.0500	10.00	0.0234	101	90 - 110				
Lab Sample ID: 1503121-001DMS Date Analyzed: 03/11/2015 1230h													
Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	10.3	mg/L	E350.1	0.0226	0.0500	10.00	0	103	90 - 110				
Lab Sample ID: 1503121-001DMS NO3 Date Analyzed: 03/10/2015 1322h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.928	mg/L	E353.2	0.00833	0.0100	1.000	0	92.8	90 - 110				
Lab Sample ID: 1503120-003BMS NO3 Date Analyzed: 03/10/2015 1315h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.82	mg/L	E353.2	0.00833	0.0100	1.000	0.965	85.6	90 - 110				1

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

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503120-005CMSD Date Analyzed: 03/10/2015 1735h Test Code: 300.0-W													
Chloride	698	mg/L	E300.0	0.751	10.0	500.0	209	97.8	90 - 110	700	0.235	20	
Sulfate	1,140	mg/L	E300.0	2.11	75.0	500.0	616	104	90 - 110	1140	0.610	20	
Lab Sample ID: 1503121-001BMSD Date Analyzed: 03/10/2015 2041h Test Code: 300.0-W													
Chloride	4,890	mg/L	E300.0	7.51	100	5,000	46.9	96.8	90 - 110	4870	0.366	20	
Fluoride	5,040	mg/L	E300.0	6.81	100	5,000	0	101	90 - 110	5020	0.291	20	
Sulfate	7,520	mg/L	E300.0	21.1	750	5,000	2650	97.4	90 - 110	7500	0.276	20	
Lab Sample ID: 1503121-001BMSD Date Analyzed: 03/10/2015 742h Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	247	mg/L	SM2320B	0.504	1.00	100.0	134	113	80 - 120	243	1.35	10	
Lab Sample ID: 1503120-004BMSD Date Analyzed: 03/11/2015 1228h Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	9.75	mg/L	E350.1	0.0226	0.0500	10.00	0.0234	97.2	90 - 110	10.2	4.26	10	
Lab Sample ID: 1503121-001DMSD Date Analyzed: 03/11/2015 1232h Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	10.0	mg/L	E350.1	0.0226	0.0500	10.00	0	100	90 - 110	10.3	2.95	10	
Lab Sample ID: 1503121-001DMSD NO3 Date Analyzed: 03/10/2015 1330h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.934	mg/L	E353.2	0.00833	0.0100	1.000	0	93.4	90 - 110	0.928	0.634	10	
Lab Sample ID: 1503120-003BMSD NO3 Date Analyzed: 03/10/2015 1316h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.82	mg/L	E353.2	0.00833	0.0100	1.000	0.965	85.8	90 - 110	1.82	0.110	10	

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

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-2 030915A Date Analyzed: 03/09/2015 739h													
Test Code: 8260-W-DEN100													
Benzene	21.0	µg/L	SW8260C	0.270	1.00	20.00	0	105	62 - 127				
Chloroform	21.4	µg/L	SW8260C	0.153	1.00	20.00	0	107	67 - 132				
Methylene chloride	19.9	µg/L	SW8260C	0.172	1.00	20.00	0	99.3	32 - 185				
Naphthalene	18.9	µg/L	SW8260C	0.587	1.00	20.00	0	94.6	28 - 136				
Tetrahydrofuran	19.3	µg/L	SW8260C	0.516	1.00	20.00	0	96.6	43 - 146				
Toluene	21.1	µg/L	SW8260C	0.183	1.00	20.00	0	106	64 - 129				
Xylenes, Total	64.0	µg/L	SW8260C	0.857	1.00	60.00	0	107	52 - 134				
Surr: 1,2-Dichloroethane-d4	50.6	µg/L	SW8260C			50.00		101	76 - 138				
Surr: 4-Bromofluorobenzene	49.9	µg/L	SW8260C			50.00		99.9	77 - 121				
Surr: Dibromofluoromethane	49.4	µg/L	SW8260C			50.00		98.7	67 - 128				
Surr: Toluene-d8	49.4	µg/L	SW8260C			50.00		98.8	81 - 135				
Lab Sample ID: LCS VOC-2 031015A Date Analyzed: 03/10/2015 752h													
Test Code: 8260-W-DEN100													
Benzene	21.7	µg/L	SW8260C	0.270	1.00	20.00	0	108	62 - 127				
Chloroform	21.4	µg/L	SW8260C	0.153	1.00	20.00	0	107	67 - 132				
Methylene chloride	21.7	µg/L	SW8260C	0.172	1.00	20.00	0	108	32 - 185				
Naphthalene	19.0	µg/L	SW8260C	0.587	1.00	20.00	0	95.2	28 - 136				
Tetrahydrofuran	20.6	µg/L	SW8260C	0.516	1.00	20.00	0	103	43 - 146				
Toluene	21.4	µg/L	SW8260C	0.183	1.00	20.00	0	107	64 - 129				
Xylenes, Total	64.0	µg/L	SW8260C	0.857	1.00	60.00	0	107	52 - 134				
Surr: 1,2-Dichloroethane-d4	50.9	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	50.6	µg/L	SW8260C			50.00		101	77 - 121				
Surr: Dibromofluoromethane	49.3	µg/L	SW8260C			50.00		98.6	67 - 128				
Surr: Toluene-d8	49.6	µg/L	SW8260C			50.00		99.2	81 - 135				

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QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-2 030915A Date Analyzed: 03/09/2015 818h													
Test Code: 8260-W-DEN100													
2-Butanone	< 20.0	µg/L	SW8260C	4.11	20.0								
Acetone	< 20.0	µg/L	SW8260C	1.70	20.0								
Benzene	< 1.00	µg/L	SW8260C	0.270	1.00								
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.163	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Naphthalene	< 1.00	µg/L	SW8260C	0.587	1.00								
Tetrahydrofuran	< 1.00	µg/L	SW8260C	0.516	1.00								
Toluene	< 1.00	µg/L	SW8260C	0.183	1.00								
Xylenes, Total	< 1.00	µg/L	SW8260C	0.857	1.00								
Surr: 1,2-Dichloroethane-d4	51.2	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	50.1	µg/L	SW8260C			50.00		100	77 - 121				
Surr: Dibromofluoromethane	48.5	µg/L	SW8260C			50.00		97.0	67 - 128				
Surr: Toluene-d8	50.1	µg/L	SW8260C			50.00		100	81 - 135				
Lab Sample ID: MB VOC-2 031015A Date Analyzed: 03/10/2015 830h													
Test Code: 8260-W-DEN100													
2-Butanone	< 20.0	µg/L	SW8260C	4.11	20.0								
Acetone	< 20.0	µg/L	SW8260C	1.70	20.0								
Benzene	< 1.00	µg/L	SW8260C	0.270	1.00								
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Chloromethane	< 1.00	µg/L	SW8260C	0.163	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Naphthalene	< 1.00	µg/L	SW8260C	0.587	1.00								
Tetrahydrofuran	< 1.00	µg/L	SW8260C	0.516	1.00								
Toluene	< 1.00	µg/L	SW8260C	0.183	1.00								
Xylenes, Total	< 1.00	µg/L	SW8260C	0.857	1.00								

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QC SUMMARY REPORT

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Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-2 031015A Date Analyzed: 03/10/2015 830h													
Test Code: 8260-W-DEN100													
Surr: 1,2-Dichloroethane-d4	51.4	µg/L	SW8260C			50.00		103	76 - 138				
Surr: 4-Bromofluorobenzene	52.4	µg/L	SW8260C			50.00		105	77 - 121				
Surr: Dibromofluoromethane	48.8	µg/L	SW8260C			50.00		97.5	67 - 128				
Surr: Toluene-d8	50.9	µg/L	SW8260C			50.00		102	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503120-003DMS Date Analyzed: 03/10/2015 1027h													
Test Code: 8260-W-DEN100													
Benzene	477	µg/L	SW8260C	5.40	20.0	400.0	0	119	66 - 145				
Chloroform	1,490	µg/L	SW8260C	3.06	20.0	400.0	1020	119	50 - 146				
Methylene chloride	476	µg/L	SW8260C	3.44	20.0	400.0	0	119	30 - 192				
Naphthalene	384	µg/L	SW8260C	11.7	20.0	400.0	0	95.9	41 - 131				
Tetrahydrofuran	435	µg/L	SW8260C	10.3	20.0	400.0	0	109	43 - 146				
Toluene	476	µg/L	SW8260C	3.66	20.0	400.0	0	119	18 - 192				
Xylenes, Total	1,360	µg/L	SW8260C	17.1	20.0	1,200	0	113	42 - 167				
Surr: 1,2-Dichloroethane-d4	1,030	µg/L	SW8260C			1,000		103	72 - 151				
Surr: 4-Bromofluorobenzene	1,030	µg/L	SW8260C			1,000		103	80 - 128				
Surr: Dibromofluoromethane	994	µg/L	SW8260C			1,000		99.4	80 - 124				
Surr: Toluene-d8	1,020	µg/L	SW8260C			1,000		102	77 - 129				
Lab Sample ID: 1503121-001AMS Date Analyzed: 03/10/2015 929h													
Test Code: 8260-W-DEN100													
Benzene	21.8	µg/L	SW8260C	0.270	1.00	20.00	0	109	66 - 145				
Chloroform	20.0	µg/L	SW8260C	0.153	1.00	20.00	0	99.8	50 - 146				
Methylene chloride	21.0	µg/L	SW8260C	0.172	1.00	20.00	0	105	30 - 192				
Naphthalene	17.5	µg/L	SW8260C	0.587	1.00	20.00	0	87.4	41 - 131				
Tetrahydrofuran	18.8	µg/L	SW8260C	0.516	1.00	20.00	0	93.8	43 - 146				
Toluene	21.3	µg/L	SW8260C	0.183	1.00	20.00	0	106	18 - 192				
Xylenes, Total	62.7	µg/L	SW8260C	0.857	1.00	60.00	0	104	42 - 167				
Surr: 1,2-Dichloroethane-d4	51.5	µg/L	SW8260C			50.00		103	72 - 151				
Surr: 4-Bromofluorobenzene	49.6	µg/L	SW8260C			50.00		99.2	80 - 128				
Surr: Dibromofluoromethane	48.9	µg/L	SW8260C			50.00		97.7	80 - 124				
Surr: Toluene-d8	49.3	µg/L	SW8260C			50.00		98.7	77 - 129				

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

American West
ANALYTICAL LABORATORIES

3440 South 700 West
Salt Lake City, UT 84119
Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503121
Project: 1st Quarter Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503121-001AMSD Date Analyzed: 03/10/2015 948h													
Test Code: 8260-W-DEN100													
Benzene	23.8	µg/L	SW8260C	0.270	1.00	20.00	0	119	66 - 145	21.8	8.72	25	
Chloroform	22.2	µg/L	SW8260C	0.153	1.00	20.00	0	111	50 - 146	20	10.5	25	
Methylene chloride	22.8	µg/L	SW8260C	0.172	1.00	20.00	0	114	30 - 192	21	8.31	25	
Naphthalene	19.5	µg/L	SW8260C	0.587	1.00	20.00	0	97.4	41 - 131	17.5	10.8	25	
Tetrahydrofuran	21.6	µg/L	SW8260C	0.516	1.00	20.00	0	108	43 - 146	18.8	14.2	25	
Toluene	23.6	µg/L	SW8260C	0.183	1.00	20.00	0	118	18 - 192	21.3	10.1	25	
Xylenes, Total	67.6	µg/L	SW8260C	0.857	1.00	60.00	0	113	42 - 167	62.7	7.48	25	
Surr: 1,2-Dichloroethane-d4	51.8	µg/L	SW8260C			50.00		104	72 - 151				
Surr: 4-Bromofluorobenzene	51.4	µg/L	SW8260C			50.00		103	80 - 128				
Surr: Dibromofluoromethane	49.5	µg/L	SW8260C			50.00		99.0	80 - 124				
Surr: Toluene-d8	50.3	µg/L	SW8260C			50.00		101	77 - 129				
Lab Sample ID: 1503120-003DMSD Date Analyzed: 03/10/2015 1047h													
Test Code: 8260-W-DEN100													
Benzene	456	µg/L	SW8260C	5.40	20.0	400.0	0	114	66 - 145	477	4.50	25	
Chloroform	1,440	µg/L	SW8260C	3.06	20.0	400.0	1020	105	50 - 146	1490	3.85	25	
Methylene chloride	463	µg/L	SW8260C	3.44	20.0	400.0	0	116	30 - 192	476	2.77	25	
Naphthalene	379	µg/L	SW8260C	11.7	20.0	400.0	0	94.8	41 - 131	384	1.15	25	
Tetrahydrofuran	446	µg/L	SW8260C	10.3	20.0	400.0	0	111	43 - 146	435	2.41	25	
Toluene	452	µg/L	SW8260C	3.66	20.0	400.0	0	113	18 - 192	476	5.13	25	
Xylenes, Total	1,320	µg/L	SW8260C	17.1	20.0	1,200	0	110	42 - 167	1360	3.21	25	
Surr: 1,2-Dichloroethane-d4	1,030	µg/L	SW8260C			1,000		103	72 - 151				
Surr: 4-Bromofluorobenzene	1,020	µg/L	SW8260C			1,000		102	80 - 128				
Surr: Dibromofluoromethane	991	µg/L	SW8260C			1,000		99.1	80 - 124				
Surr: Toluene-d8	1,000	µg/L	SW8260C			1,000		100	77 - 129				

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American West Analytical Laboratories

REVISED: 3/31/2015

The collected date for the trip blank was corrected. MC

UL

Denison

WORK ORDER Summary

Work Order: **1503121** Page 1 of 1

Client: Energy Fuels Resources, Inc. Due Date: 3/18/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **1st Quarter Groundwater 2015** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). Alkalinity must be run at full volume, use ALK-W-2320B-LL test code. Groundwater project specific DL's: Assumes dilution of 2 for U, 5 for Be, Fe, Pb, and Tl, and 20X for others for required 200.8 PQLs. Run 200.8 on the Agilent. EDD-Denison and EIM-Locus. Email Group.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1503121-001A	**MW-37_03052015**	3/5/2015 0800h	3/9/2015 1125h	**8260-W-DEN100**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1503121-001B				**300.0-W**		☑	df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL		☑	df - wc	
				2 SEL Analytes: ALKB ALKC				
1503121-001C				**TDS-W-2540C**		☑	ww - tds	
				1 SEL Analytes: TDS				
1503121-001D				**NH3-W-350.1**		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☑	df - no2/no3 & nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 & nh3	
				1 SEL Analytes: NO3NO2N				
1503121-001E				**200.7-DIS**		☑	df-mct	
				6 SEL Analytes: CA MG K NA V ZN				
				200.7-DIS-PR		☑	df-mct	
				200.8-DIS		☑	df-mct	
				16 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U				
				200.8-DIS-PR		☑	df-mct	
				HG-DW-DIS-245.1		☑	df-mct	
				1 SEL Analytes: HG				
				HG-DW-DIS-PR		☑	df-mct	
				IONBALANCE		☑	df-mct	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1503121-002A	**Trip Blank**	3/5/2015	3/9/2015 1125h	**8260-W-DEN100**		☑	VOCFridge	2
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				

Printed: 3/31/2015 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☐ RT ☐ CN ☐ TAT ☐ QC ☐ HOK_ _ _ _ HOK_ _ _ _ HOK_ _ _ _ COC Emailed_ _ _ _ _ _ _

AMERICAN WEST ANALYTICAL LABORATORIES

463 W. 3600 S. SALT LAKE CITY, UT 84115
PHONE # (801) 263-8686 TOLL FREE # (888) 263-8686
FAX # (801) 263-8687 EMAIL AWAL@AWAL-LABS.COM
WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

1503121
AWAL LAB SAMPLE SET #
PAGE 1 OF 1

QC LEVEL:	TURN AROUND TIME:	UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY 5:00 PM ON THE DAY THEY ARE DUE.	DUE DATE:
3	STANDARD		

CLIENT: Energy Fuels Resources, Inc.
ADDRESS: 6425 S. Hwy. 191
Blanding, UT 84511
CONTACT: Garrin Palmer
PHONE #: (435) 678-2221 CELL #:
EMAIL: gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
PROJECT NAME: 1ST Quarter Groundwater 2015
PROJECT #:
PO #:
SAMPLER NAME: TANNER HOLLIDAY

X INCLUDE EDD: LOCUS UPLOAD EXCEL
X FIELD FILTERED FOR: Dissolved Metals

FOR COMPLIANCE WITH:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ NON-COMPLIANCE
☐ OTHER:

	SAMPLE ID:	DATE SAMPLED	TIME SAMPLED	# OF CONTAINERS	SAMPLE MATRIX	NO2/NO3 (353.2)	NH3 (4500G or 350.1)	Fl, Cl, SO4 (4500 or 300.0)	TDS (2540C)	Carb/Bicarb (2320B)	Dissolved Metals (200.7/200.8/245.1)	As, Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Mo,	Ni, Se, Ag, Tl, Sn, U, V, Zn, Na, K, Mg, Ca	Ion Balance	VOCs (8260C)	KNOWN HAZARDS & SAMPLE COMMENTS
1	MW-37_03052015	3/5/2015	800	7	W	x	x	x	x	x	x	x	x	x	x	
2	TRIP BLANK *	3/5/2015													X	* 1 vial broken @ check-in
3	TEMP BLANK	3/5/2015														
4																
5																
6																
7																
8																
9																
10																
11																
12																

LABORATORY USE ONLY

SAMPLES WERE: FedEx
1 SHIPPED OR HAND DELIVERED
2 AMBIENT OR CHILLED
3 TEMPERATURE 3.6 °C
4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) Y N DTB 3/9/15 #2 Vial
5 PROPERLY PRESERVED Y N
CHECKED AT BENCH Y N
6 RECEIVED WITHIN HOLDING TIMES Y N

COC TAPE WAS:
1 PRESENT ON OUTER PACKAGE Y N NA
2 UNBROKEN ON OUTER PACKAGE Y N NA
3 PRESENT ON SAMPLE Y N NA
4 UNBROKEN ON SAMPLE Y N NA

DISCREPANCIES BETWEEN SAMPLE LABELS AND COC RECORD? Y N

RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE:
PRINT NAME: Tanner Holliday	TIME: 1000	PRINT NAME:	TIME:
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE:
PRINT NAME:	TIME:	PRINT NAME:	TIME:
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE:
PRINT NAME:	TIME:	PRINT NAME:	TIME:
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE Denise Brown	DATE: 3/9/15
PRINT NAME:	TIME:	PRINT NAME: Denise Brown	TIME: 11:25

SPECIAL INSTRUCTIONS:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Lab Set ID: 1503121

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	-001																	
Ammonia	pH <2 H_2SO_4	yes																	
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3	yes																	
NO_2 & NO_3	pH <2 H_2SO_4	yes																	
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_4																		

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved

▲ The Sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference

GEL Laboratories LLC
a member of The GEL Group INC

PO Box 30712 Charleston, SC 29417
2040 Savage Road Charleston, SC 29407
P 843.556.8171 F 843.766.1178

www.gel.com

March 04, 2015

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: GW Monitoring Project
Work Order: 366895

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on February 11, 2015. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4487.

Sincerely,

Hope Taylor for
Sylainna Rivers
Project Manager

Purchase Order: DW16138
Enclosures

Energy Fuels Resources (USA), Inc.
GW Monitoring Project
SDG: 366895

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 366895

March 04, 2015

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary:

Sample receipt: The samples arrived at GEL Laboratories LLC, Charleston, South Carolina on February 11, 2015 for analysis. The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Sample Identification: The laboratory received the following samples:

Laboratory ID	Client ID
366895001	MW-19_02022015
366895002	MW-11_02032015
366895003	MW-14_02032015
366895004	MW-25_02042015
366895005	MW-30_02042015
366895006	MW-31_0202015
366895007	MW-35_02052015
366895008	MW-65_02052015

Case Narrative:

Sample analyses were conducted using methodology as outlined in GEL's Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

The enclosed data package contains the following sections: Case Narrative, Chain of Custody, Cooler Receipt Checklist, Data Package Qualifier Definitions and data from the following fractions: Radiochemistry.

Hope Taylor for
Sylainna Rivers
Project Manager

366895

Sheet 2 of 2

CHAIN OF CUSTODY

Samples Shipped to: Gel Laboratories
2040 Savage Road
Charleston, SC 29407

Contact: Garrin Palmer
Ph: 435 678 2221
gpalmer@energyfuels.com

Chain of Custody/Sampling Analysis Request

Project	Samplers Name	Samplers Signature
1st Quarter GW 2015	Garrin Palmer	

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-19_02022015	2/2/2015	1540	Gross Alpha
MW-11_02032015	2/3/2015	1420	Gross Alpha
MW-14_02032015	2/3/2015	1610	Gross Alpha
MW-25_02042015	2/4/2015	1450	Gross Alpha
MW-30_02042015	2/4/2015	1110	Gross Alpha
MW-31_0202015	2/2/2015	1320	Gross Alpha
MW-35_02052015	2/5/2015	725	Gross Alpha
MW-65_02052015	2/5/2015	725	Gross Alpha

Comments: Please send report to Kathy Weinel at kweinel@energyfuels.com

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
	2/5/15 1200		02/09/15 0945
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: Energy Fuels	**SDG/AR/COC/Work Order:** 366895
Received By: CLS	**Date Received:** 02/09/15

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
COC/Samples marked as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 cpm
Classified Radioactive II or III by RSO?		✓	If yes, Were swipes taken of sample containers < action levels?
COC/Samples marked containing PCBs?		✓	
Package, COC, and/or Samples marked as beryllium or asbestos containing?		✓	If yes, samples are to be segregated as Safety Controlled Samples, and opened by the GEL Safety Group.
Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#:
Samples identified as Foreign Soil?		✓	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2	Samples requiring cold preservation within (0 ≤ 6 deg. C)?*		✓		Preservation Method: Ice bags Blue ice Dry ice (None) Other (describe) *all temperatures are recorded in Celsius 17.8°C
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: 130537092 Secondary Temperature Device Serial # (If Applicable):
3	Chain of custody documents included with shipment?	✓			
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
7	Are Encore containers present? ✓			✓	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?	✓			ID's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
11	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
12	Are sample containers identifiable as GEL provided?	✓			
13	COC form is properly signed in relinquished/received sections?	✓			
14	Carrier and tracking number.	✓			Circle Applicable: (FedEx Air) FedEx Ground UPS Field Services Courier Other 8032 7122 3094

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials SR Date 2/11/15 Page 1 of 1

GL-CHL-SR-001

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 366895 1st Quarter GW 2015
Client SDG: 366895
Project Manager: Sylainna Rivers
Project Name: DNMI00106 GW Monitoring Project
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 11-MAR-15
Package Due Date: 08-MAR-15
EDD Due Date: 11-MAR-15
Due Date: 11-MAR-15
SXK1

Collector: C
Prelogin #: 20141124038
Project Workdef ID: 1329132
SDG Status: Closed
Logged by:

GEL ID	Client Sample ID	Client Sample Desc.	Collect Date & Time	Receive Date & Time	Time Zone	# of Cont.	Lab Matrix	Fax Due Date	Days to Process	CofC #	Prelog Group	Lab QC	Field QC
366895001	MW-19_02022015		02-FEB-15 15:40	11-FEB-15 08:45	-2	1	GROUND WATER		20		1		
366895002	MW-11_02032015		03-FEB-15 14:20	11-FEB-15 08:45	-2	1	GROUND WATER		20		1		
366895003	MW-14_02032015		03-FEB-15 16:10	11-FEB-15 08:45	-2	1	GROUND WATER		20		1		
366895004	MW-25_02042015		04-FEB-15 14:50	11-FEB-15 08:45	-2	1	GROUND WATER		20		1		
366895005	MW-30_02042015		04-FEB-15 11:10	11-FEB-15 08:45	-2	1	GROUND WATER		20		1		
366895006	MW-31_0202015		02-FEB-15 13:20	11-FEB-15 08:45	-2	1	GROUND WATER		20		1		
366895007	MW-35_02052015		05-FEB-15 07:25	11-FEB-15 08:45	-2	1	GROUND WATER		20		1		
366895008	MW-65_02052015		05-FEB-15 07:25	11-FEB-15 08:45	-2	1	GROUND WATER		20		1		

	Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
-001	MW-19_02022015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	17	
-002	MW-11_02032015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	17	
-003	MW-14_02032015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	17	
-004	MW-25_02042015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	17	
-005	MW-30_02042015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	17	
-006	MW-31_0202015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	17	
-007	MW-35_02052015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	17	
-008	MW-65_02052015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	17	

GEL Laboratories LLC – Login Review Report

Product: GFCTORAL **Workdef ID:** 1329138 **In Product Group?** No **Group Name:** **Group Reference:**
Method: EPA 900.1 Modified **Path:** Standard
Product Description: GFPC, Total Alpha Radium, Liquid **Product Reference:** Gross Alpha
Samples: 001, 002, 003, 004, 005, 006, 007, 008 **Moisture Correction:** "As Received"
Parmname Check: All parmnames scheduled properly

CAS #	Parmname	Client RDL or PQL & Unit	Reporting Units	Parm Function	Included in Sample?	Included in QC?	Custom List?
	Gross Radium Alpha	1	pCi/L	REG	Y	Y	No

	Action	Product Name	Description	Samples
Contingent Tests				

Login Requirements:

Requirement	Include?	Comments

Peer Review by:_____ Work Order (SDG#), PO# Checked?_____ C of C signed in receiver location? _____

List of current GEL Certifications as of 04 March 2015

State	Certification
Alaska	UST-110
Arkansas	88-0651
CLIA	42D0904046
California	2940 Interim
Colorado	SC00012
Connecticut	PH-0169
Delaware	SC000122013-10
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	P330-12-00283, P330-12-00284
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC000122013-10
Idaho Chemistry	SC00012
Idaho Radiochemistry	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	90129
Kentucky Wastewater	90129
Louisiana NELAP	03046 (AI33904)
Louisiana SDWA	LA150001
Maryland	270
Massachusetts	M-SC012
Michigan	9976
Mississippi	SC000122013-10
Nebraska	NE-OS-26-13
Nevada	SC000122014-1
New Hampshire NELAP	2054
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
Oklahoma	9904
Pennsylvania NELAP	68-00485
Plant Material Permit	PDEP-12-00260
South Carolina Chemistry	10120001
South Carolina GVL	23611001
South Carolina Radiochemi	10120002
Tennessee	TN 02934
Texas NELAP	T104704235-15-10
Utah NELAP	SC000122014-16
Vermont	VT87156
Virginia NELAP	460202
Washington	C780-12

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 366895

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1459800

Sample ID	Client ID
366895001	MW-19_02022015
366895002	MW-11_02032015
366895003	MW-14_02032015
366895004	MW-25_02042015
366895005	MW-30_02042015
366895006	MW-31_02022015
366895007	MW-35_02052015
366895008	MW-65_02052015
1203270209	MB for batch 1459800
1203270213	Laboratory Control Sample (LCS)
1203270210	367230002(MW-26_02112015) Sample Duplicate (DUP)
1203270211	367230002(MW-26_02112015) Matrix Spike (MS)
1203270212	367230002(MW-26_02112015) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-010 REV# 15.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 367230002 (MW-26_02112015).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries
All chemical recoveries meet the required acceptance limits for this sample set.

Recounts
None of the samples in this sample set were recounted.

Miscellaneous Information:

Data Exception (DER) Documentation
Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Manual Integration
No manual integrations were performed on data in this batch.

Sample-Specific MDA/MDC
The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments
The matrix spike and matrix spike duplicate, 1203270211 (Non SDG 367230002MS) and 1203270212 (Non SDG 367230002MSD), aliquots were reduced to conserve sample volume.

Qualifier Information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

DNMI001 Energy Fuels Resources (USA), Inc.

Client SDG: 366895 GEL Work Order: 366895

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the CRDL.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature: Heather McCarty **Name:** **Heather McCarty**

Date: **05 MAR 2015** **Title:** **Analyst II**

QC Summary

Report Date: March 5, 2015

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

Contact: Ms. Kathy Weinel

Workorder: 366895

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1459800										
QC1203270210 367230002 DUP										
Gross Radium Alpha		2.20		2.16	pCi/L	1.66		(0% - 100%)	AXM6	03/04/15 09:20
	Uncertainty	+/-0.486		+/-0.449						
QC1203270213 LCS										
Gross Radium Alpha	413			392	pCi/L		95	(75%-125%)		03/04/15 09:20
	Uncertainty			+/-5.85						
QC1203270209 MB										
Gross Radium Alpha			U	0.480	pCi/L					03/04/15 09:23
	Uncertainty			+/-0.305						
QC1203270211 367230002 MS										
Gross Radium Alpha	1670	2.20		1570	pCi/L		94	(75%-125%)		03/04/15 09:20
	Uncertainty	+/-0.486		+/-25.0						
QC1203270212 367230002 MSD										
Gross Radium Alpha	1670	2.20		1700	pCi/L	7.97	102	(0%-20%)		03/04/15 09:20
	Uncertainty	+/-0.486		+/-25.5						

Notes:

Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

The Qualifiers in this report are defined as follows:

**	Analyte is a surrogate compound
<	Result is less than value reported
>	Result is greater than value reported
A	The TIC is a suspected aldol-condensation product
B	For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
BD	Results are either below the MDC or tracer recovery is low
C	Analyte has been confirmed by GC/MS analysis
D	Results are reported from a diluted aliquot of the sample
F	Estimated Value
H	Analytical holding time was exceeded
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.
M	M if above MDC and less than LLD
M	Matrix Related Failure
N/A	RPD or %Recovery limits do not apply.
N1	See case narrative
ND	Analyte concentration is not detected above the detection limit

QC Summary

Workorder: 366895

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
R	Sample results are rejected
U	Analyte was analyzed for, but not detected above the CRDL.
UI	Gamma Spectroscopy--Uncertain identification
UJ	Gamma Spectroscopy--Uncertain identification
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y	QC Samples were not spiked with this compound
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h	Preparation or preservation holding time was exceeded

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL Laboratories LLC
a member of The GEL Group INC

PO Box 30712 Charleston, SC 29417
2040 Savage Road Charleston, SC 29407
P 843.556.8171 F 843.766.1178

www.gel.com

March 04, 2015

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: White Mesa Mill GW
Work Order: 367230

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on February 16, 2015. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4487.

Sincerely,

Jacob McLane for
Sylainna Rivers
Project Manager

Purchase Order: DW16138
Enclosures

Energy Fuels Resources (USA), Inc.
White Mesa Mill GW
SDG: 367230

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 367230

March 04, 2015

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary:

Sample receipt: The samples arrived at GEL Laboratories LLC, Charleston, South Carolina on February 16, 2015 for analysis. The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Sample Identification: The laboratory received the following samples:

Laboratory ID	Client ID
367230001	MW-36_02102015
367230002	MW-26_02112015
367230003	MW-32_02092015
367230004	MW-70_02102015
367230005	MW-27_02092015

Case Narrative:

Sample analyses were conducted using methodology as outlined in GEL's Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

The enclosed data package contains the following sections: Case Narrative, Chain of Custody, Cooler Receipt Checklist, Data Package Qualifier Definitions and data from the following fractions: Radiochemistry.

Jacob McLane for
Sylainna Rivers
Project Manager

367230

Sheet 1 of 1

CHAIN OF CUSTODY

Samples Shipped to: Energy Laboratories
2393 Salt Creek Hwy
Casper WY, 82601

Contact: Garrin Palmer
Ph: 435 678 4115
gpalmer@energyfuels.com

Chain of Custody/Sampling Analysis Request

Project	Samplers Name	Samplers Signature
1st Quarter Groundwater 2015	Garrin Palmer	Garrin Palmer

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-36_02102015	2/10/2015	1400	Gross Alpha
MW-26_02112015	2/11/2015	1230	Gross Alpha
MW-32_02092015	2/9/2015	1245	Gross Alpha
MW-70_02102015	2/10/2015	1400	Gross Alpha
MW-27_02092015	2/9/2015	1100	Gross Alpha

Comments:

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
Garrin Palmer	2/12/2015 1230	Chrisa Keogle	02/12/15 0910
Relinquished By:(Signature) Garrin Palmer	Date/Time 2/12/15 1230	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: Energy Fuels	SDG/AR/COC/Work Order:
Received By: CDS	Date Received: 02/10/15

Suspected Hazard Information	Yes	No	
			*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
COC/Samples marked as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 cpm
Classified Radioactive II or III by RSO?		✓	If yes, Were swipes taken of sample containers < action levels?
COC/Samples marked containing PCBs?		✓	
Package, COC, and/or Samples marked as beryllium or asbestos containing?		✓	If yes, samples are to be segregated as Safety Controlled Samples, and opened by the GEL Safety Group.
Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#:
Samples identified as Foreign Soil?		✓	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2	Samples requiring cold preservation within (0 ≤ 6 deg. C)?*		✓		Preservation Method: Ice bags Blue ice Dry ice (None) Other (describe) *all temperatures are recorded in Celsius 5.0 °C
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: 130532792 Secondary Temperature Device Serial # (If Applicable):
3	Chain of custody documents included with shipment?	✓			
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
7	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?	✓			ID's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
11	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
12	Are sample containers identifiable as GEL provided?	✓			
13	COC form is properly signed in relinquished/received sections?	✓			
14	Carrier and tracking number.	✓			Circle Applicable: FedEx Air FedEx Ground (UPS) Field Services Courier Other 1Z 187 Y4Y 02 9905 3835

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials DK Date 2/16/15 Page 1 of 1

GL-CHL-SR-001

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 367230 1st Quarter GW 2015
Client SDG: 367230
Project Manager: Sylainna Rivers
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 12-MAR-15
Package Due Date: 09-MAR-15
EDD Due Date: 12-MAR-15
Due Date: 12-MAR-15
SXK1

Collector: C
Prelogin #: 20150227276
Project Workdef ID: 1294356
SDG Status: Closed
Logged by:

GEL ID	Client Sample ID	Client Sample Desc.	Collect Date & Time	Receive Date & Time	Time Zone	# of Cont.	Lab Matrix	Fax Due Date	Days to Process	CofC #	Prelog Group	Lab QC	Field QC
367230001	MW-36_02102015		10-FEB-15 14:00	16-FEB-15 09:10	-2	1	GROUND WATER		20		1		
367230002	MW-26_02112015		11-FEB-15 12:30	16-FEB-15 09:10	-2	1	GROUND WATER		20		1		
367230003	MW-32_02092015		09-FEB-15 12:45	16-FEB-15 09:10	-2	1	GROUND WATER		20		1		
367230004	MW-70_02102015		10-FEB-15 14:00	16-FEB-15 09:10	-2	1	GROUND WATER		20		1		
367230005	MW-27_02092015		09-FEB-15 11:00	16-FEB-15 09:10	-2	1	GROUND WATER		20		1		

	Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
-001	MW-36_02102015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	6	
-002	MW-26_02112015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	6	
-003	MW-32_02092015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	6	
-004	MW-70_02102015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	6	
-005	MW-27_02092015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	6	

Product: GFCTORAL **Workdef ID:** 1297250 **In Product Group?** No **Group Name:** **Group Reference:**
Method: EPA 900.1 Modified
Product Description: GFPC, Total Alpha Radium, Liquid
Samples: 001, 002, 003, 004, 005
Parmname Check: All parmnames scheduled properly
Path: Standard
Product Reference: Gross Alpha
Moisture Correction: "As Received"

CAS #	Parmname	Client RDL or PQL & Unit	Reporting Units	Parm Function	Included in Sample?	Included in QC?	Custom List?
	Gross Radium Alpha	1	pCi/L	REG	Y	Y	Yes

GEL Laboratories LLC – Login Review Report

Action	Product Name	Description	Samples
Contingent Tests			

Login Requirements:

Requirement	Include?	Comments

Peer Review by:_____ Work Order (SDG#), PO# Checked?_____ C of C signed in receiver location? _____

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 367230

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1459800

Sample ID	Client ID
367230001	MW-36_02102015
367230002	MW-26_02112015
367230003	MW-32_02092015
367230004	MW-70_02102015
367230005	MW-27_02092015
1203270209	MB for batch 1459800
1203270213	Laboratory Control Sample (LCS)
1203270210	367230002(MW-26_02112015) Sample Duplicate (DUP)
1203270211	367230002(MW-26_02112015) Matrix Spike (MS)
1203270212	367230002(MW-26_02112015) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-010 REV# 15.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 367230002 (MW-26_02112015).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries
All chemical recoveries meet the required acceptance limits for this sample set.

Recounts
None of the samples in this sample set were recounted.

Miscellaneous Information:

Data Exception (DER) Documentation
Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Manual Integration
No manual integrations were performed on data in this batch.

Sample-Specific MDA/MDC
The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments
The matrix spike and matrix spike duplicate, 1203270211 (MW-26_02112015MS) and 1203270212 (MW-26_02112015MSD), aliquots were reduced to conserve sample volume.

Qualifier Information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

DNMI001 Energy Fuels Resources (USA), Inc.

Client SDG: 367230 GEL Work Order: 367230

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the CRDL.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature: Heather McCarty **Name:** **Heather McCarty**

Date: **05 MAR 2015** **Title:** **Analyst II**

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: March 5, 2015

Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado
Contact: **Ms. Kathy Weinel**

Workorder: **367230**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1459800										
QC1203270210 367230002 DUP										
Gross Radium Alpha		2.20		2.16	pCi/L	1.66		(0% - 100%)	AXM6	03/04/15 09:20
	Uncertainty	+/-0.486		+/-0.449						
QC1203270213 LCS										
Gross Radium Alpha	413			392	pCi/L		95	(75%-125%)		03/04/15 09:20
	Uncertainty			+/-5.85						
QC1203270209 MB										
Gross Radium Alpha			U	0.480	pCi/L					03/04/15 09:23
	Uncertainty			+/-0.305						
QC1203270211 367230002 MS										
Gross Radium Alpha	1670	2.20		1570	pCi/L		94	(75%-125%)		03/04/15 09:20
	Uncertainty	+/-0.486		+/-25.0						
QC1203270212 367230002 MSD										
Gross Radium Alpha	1670	2.20		1700	pCi/L	7.97	102	(0%-20%)		03/04/15 09:20
	Uncertainty	+/-0.486		+/-25.5						

Notes:

Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

The Qualifiers in this report are defined as follows:

**	Analyte is a surrogate compound
<	Result is less than value reported
>	Result is greater than value reported
A	The TIC is a suspected aldol-condensation product
B	For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
BD	Results are either below the MDC or tracer recovery is low
C	Analyte has been confirmed by GC/MS analysis
D	Results are reported from a diluted aliquot of the sample
F	Estimated Value
H	Analytical holding time was exceeded
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.
M	M if above MDC and less than LLD
M	Matrix Related Failure
N/A	RPD or %Recovery limits do not apply.
N1	See case narrative
ND	Analyte concentration is not detected above the detection limit

QC Summary

Workorder: 367230

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
R	Sample results are rejected
U	Analyte was analyzed for, but not detected above the CRDL.
UI	Gamma Spectroscopy--Uncertain identification
UJ	Gamma Spectroscopy--Uncertain identification
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y	QC Samples were not spiked with this compound
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h	Preparation or preservation holding time was exceeded

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL Laboratories LLC
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PO Box 30712 Charleston, SC 29417
2040 Savage Road Charleston, SC 29407
P 843.556.8171 F 843.766.1178

www.gel.com

April 06, 2015

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: White Mesa Mill GW
Work Order: 368302

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 09, 2015. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4487.

Sincerely,

Julie Robinson

Julie Robinson for
Sylainna Rivers
Project Manager

Purchase Order: DW16138
Enclosures

Energy Fuels Resources (USA), Inc.
White Mesa Mill GW
SDG: 368302

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 368302

April 06, 2015

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary:

Sample receipt: The sample arrived at GEL Laboratories LLC, Charleston, South Carolina on March 09, 2015 for analysis. The sample was delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Sample Identification: The laboratory received the following sample:

Laboratory ID	Client ID
368302001	MW-37_03052015

Case Narrative:

Sample analyses were conducted using methodology as outlined in GEL's Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

The enclosed data package contains the following sections: Case Narrative, Chain of Custody, Cooler Receipt Checklist, Data Package Qualifier Definitions and data from the following fractions: Radiochemistry.

Julie Robinson

Julie Robinson for
Sylainna Rivers
Project Manager

368302

Sheet 1 of 2

CHAIN OF CUSTODY

Samples Shipped to: Gel Laboratories
2040 Savage Road
Charleston, SC 29407

Contact: Garrin Palmer
Ph: 435.678.4115
kweinel@energyfuels.com

Chain of Custody/Sampling Analysis Request

Project	Samplers Name	Samplers Signature
1st Quarter Groundwater 2015	Garrin Palmer	

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-37_03052015	3/5/2015	800	Gross Alpha

Comments: Please send report to Kathy Weinel at kweinel@energyfuels.com

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
Jennifer Hollenbaugh	3/5/2015 1000		3/9/15 8:40
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DNMI	**SDG/AR/COC/Work Order:** 368301 / 368302
Received By: SHANTA MACK	**Date Received:** 3/9/15 8:40

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
COC/Samples marked as radioactive?		~~—~~	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 6 CPM
Classified Radioactive II or III by RSO?		~~—~~	If yes, Were swipes taken of sample contatiners < action levels?
COC/Samples marked containing PCBs?		~~—~~	
Package, COC, and/or Samples marked as beryllium or asbestos containing?		~~—~~	If yes, samples are to be segregeated as Safety Controlled Samples, and opened by the GEL Safety Group.
Shipped as a DOT Hazardous?		~~—~~	Hazard Class Shipped: UN#:
Samples identified as Foreign Soil?		~~—~~	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	~~—~~			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2	Samples requiring cold preservation within (0 ≤ 6 deg. C)?*		~~—~~		Preservation Method: Ice bags Blue ice Dry ice (None) Other (describe) *all temperatures are recorded in Celsius 15C
2a	Daily check performed and passed on IR temperature gun?	~~—~~			Temperature Device Serial #: 130462962 Secondary Temperature Device Serial # (If Applicable):
3	Chain of custody documents included with shipment?	~~—~~			
4	Sample containers intact and sealed?	~~—~~			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	~~—~~			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?		~~—~~		Sample ID's and containers affected:
7	Are Encore containers present?			~~—~~	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?	~~—~~			ID's and tests affected:
9	Sample ID's on COC match ID's on bottles?	~~—~~			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	~~—~~			Sample ID's affected:
11	Number of containers received match number indicated on COC?	~~—~~			Sample ID's affected:
12	Are sample containers identifiable as GEL provided?	~~—~~			~~—~~
13	COC form is properly signed in relinquished/received sections?	~~—~~			
14	Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground UPS Field Services Courier Other 8837 7122 2992

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials SK Date 3/9/15 Page 1 of 1

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 368302 1st Quarter GW 2015
Client SDG: 368302
Project Manager: Sylainna Rivers
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 06-APR-15
Package Due Date: 03-APR-15
EDD Due Date: 06-APR-15
Due Date: 06-APR-15
SXK1

Collector: C
Prelogin #: 20150327862
Project Workdef ID: 1294356
SDG Status: Closed
Logged by:

GEL ID	Client Sample ID	Client Sample Desc.	Collect Date & Time	Receive Date & Time	Time Zone	# of Cont.	Lab Matrix	Fax Due Date	Days to Process	CofC #	Prelog Group	Lab QC	Field QC
368302001	MW-37_03052015		05-MAR-15 08:00	09-MAR-15 08:40	-2	1	GROUND WATER		20		1		

	Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
-001	MW-37_03052015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
							Temperature (C)	15	

Product: GFCTORAL **Workdef ID:** 1297250 **In Product Group?** No **Group Name:** **Group Reference:**
Method: EPA 900.1 Modified
Product Description: GFPC, Total Alpha Radium, Liquid
Samples: 001
Parmname Check: All parmnames scheduled properly
Path: Standard
Product Reference: Gross Alpha
Moisture Correction: "As Received"

CAS #	Parmname	Client RDL or PQL & Unit	Reporting Units	Parm Function	Included in Sample?	Included in QC?	Custom List?
	Gross Radium Alpha	1	pCi/L	REG	Y	Y	Yes

Action	Product Name	Description	Samples

Contingent Tests

Login Requirements:

Requirement	Include?	Comments

Peer Review by:_____ Work Order (SDG#), PO# Checked?_____ C of C signed in receiver location? _____

List of current GEL Certifications as of 06 April 2015

State	Certification
Alaska	UST-110
Arkansas	88-0651
CLIA	42D0904046
California	2940 Interim
Colorado	SC00012
Connecticut	PH-0169
Delaware	SC000122013-10
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	P330-12-00283, P330-12-00284
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC000122013-10
Idaho Chemistry	SC00012
Idaho Radiochemistry	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	90129
Kentucky Wastewater	90129
Louisiana NELAP	03046 (AI33904)
Louisiana SDWA	LA150001
Maryland	270
Massachusetts	M-SC012
Michigan	9976
Mississippi	SC000122013-10
Nebraska	NE-OS-26-13
Nevada	SC000122014-1
New Hampshire NELAP	2054
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
Oklahoma	9904
Pennsylvania NELAP	68-00485
Plant Material Permit	PDEP-12-00260
S.Carolina Radchem	10120002
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235-15-10
Utah NELAP	SC000122014-16
Vermont	VT87156
Virginia NELAP	460202
Washington	C780-12

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 368302

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1464191

Sample ID	Client ID
368302001	MW-37_03052015
1203281029	Method Blank (MB)
1203281033	Laboratory Control Sample (LCS)
1203281030	368301002(MW-65_03042015) Sample Duplicate (DUP)
1203281031	368301002(MW-65_03042015) Matrix Spike (MS)
1203281032	368301002(MW-65_03042015) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-010 REV# 15.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 368301002 (MW-65_03042015).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries
All chemical recoveries meet the required acceptance limits for this sample set.

Recounts
Samples 1203281029 (MB), 1203281030 (MW-65_03042015DUP) and 368302001 (MW-37_03052015) were recounted due to high MDCs. The recounts are reported.

Miscellaneous Information:

Data Exception (DER) Documentation
Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Manual Integration
No manual integrations were performed on data in this batch.

Sample-Specific MDA/MDC
The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments
The matrix spike and matrix spike duplicate, 1203281031 (MW-65_03042015MS) and 1203281032 (MW-65_03042015MSD), aliquots were reduced to conserve sample volume.

Qualifier Information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

DNMI001 Energy Fuels Resources (USA), Inc.

Client SDG: 368302 GEL Work Order: 368302

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the CRDL.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature: Heather McCarty **Name:** **Heather McCarty**

Date: **28 MAR 2015** **Title:** **Analyst II**

QC Summary

Report Date: March 28, 2015

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

Contact: **Ms. Kathy Weinel**

Workorder: **368302**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gas Flow											
Batch 1464191											
QC1203281030 368301002 DUP											
Gross Radium Alpha		4.69		5.11	pCi/L	8.50		(0%-20%)	AXM6	03/20/15	11:04
	Uncertainty	+/-0.665		+/-0.638							
QC1203281033 LCS											
Gross Radium Alpha	413			357	pCi/L		86.6	(75%-125%)		03/19/15	16:00
	Uncertainty			+/-6.37							
QC1203281029 MB											
Gross Radium Alpha			U	0.529	pCi/L					03/20/15	11:04
	Uncertainty			+/-0.282							
QC1203281031 368301002 MS											
Gross Radium Alpha	1660	4.69		1920	pCi/L		115	(75%-125%)		03/19/15	16:00
	Uncertainty	+/-0.665		+/-35.6							
QC1203281032 368301002 MSD											
Gross Radium Alpha	1660	4.69		1740	pCi/L	10.1	104	(0%-20%)		03/19/15	16:00
	Uncertainty	+/-0.665		+/-27.7							

Notes:

Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

The Qualifiers in this report are defined as follows:

**	Analyte is a surrogate compound
<	Result is less than value reported
>	Result is greater than value reported
A	The TIC is a suspected aldol-condensation product
B	For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
BD	Results are either below the MDC or tracer recovery is low
C	Analyte has been confirmed by GC/MS analysis
D	Results are reported from a diluted aliquot of the sample
F	Estimated Value
H	Analytical holding time was exceeded
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.
M	M if above MDC and less than LLD
M	Matrix Related Failure
N/A	RPD or %Recovery limits do not apply.
NI	See case narrative
ND	Analyte concentration is not detected above the detection limit

QC Summary

Workorder: 368302

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

R Sample results are rejected

U Analyte was analyzed for, but not detected above the CRDL.

UI Gamma Spectroscopy--Uncertain identification

UJ Gamma Spectroscopy--Uncertain identification

UL Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.

X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

Y QC Samples were not spiked with this compound

^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.

h Preparation or preservation holding time was exceeded

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Tab F

Laboratory Analytical Reports – Accelerated Monitoring

Tab F1

Laboratory Analytical Reports – Accelerated Monitoring

January 2015

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-001
Client Sample ID: MW-11_01212015
Collection Date: 1/21/2015 1110h
Received Date: 1/23/2015 1005h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	1/23/2015 1458h	1/28/2015 1138h	E200.8	0.0100	**0.177**	

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-002
Client Sample ID: MW-25_01202015
Collection Date: 1/20/2015 1045h
Received Date: 1/23/2015 1005h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Cadmium	mg/L	1/23/2015 1458h	1/28/2015 1141h	E200.8	0.000500	**0.00144**	
Uranium	mg/L	1/23/2015 1458h	1/28/2015 1232h	E200.8	0.000300	**0.00654**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-003
Client Sample ID: MW-26_01212015
Collection Date: 1/21/2015 1445h
Received Date: 1/23/2015 1005h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Uranium	mg/L	1/23/2015 1458h	1/28/2015 1235h	E200.8	0.000300	**0.00296**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-003
Client Sample ID: MW-26_01212015
Collection Date: 1/21/2015 1445h
Received Date: 1/23/2015 1005h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/27/2015 1343h	E300.0	10.0	**59.9**	
Nitrate/Nitrite (as N)	mg/L		1/27/2015 1622h	E353.2	0.100	**0.301**	1

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

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American West
ANALYTICAL LABORATORIES

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Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-003D
Client Sample ID: MW-26_01212015
Collection Date: 1/21/2015 1445h
Received Date: 1/23/2015 1005h

Test Code: 8260-W

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

Analyzed: 1/23/2015 1705h
Units: µg/L **Dilution Factor:** 100 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	100	**3,570**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	5,380	5,000	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	4,890	5,000	97.8	80-128	
Surr: Dibromofluoromethane	1868-53-7	5,070	5,000	101	80-124	
Surr: Toluene-d8	2037-26-5	4,720	5,000	94.3	77-129	

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

Analyzed: 1/23/2015 1508h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	**6.42**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.7	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.6	50.00	99.3	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.3	50.00	98.7	80-124	
Surr: Toluene-d8	2037-26-5	46.5	50.00	92.9	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-004
Client Sample ID: MW-30_01212015
Collection Date: 1/21/2015 1020h
Received Date: 1/23/2015 1005h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	1/23/2015 1458h	1/28/2015 1144h	E200.8	0.00500	**0.0372**	
Uranium	mg/L	1/23/2015 1458h	1/28/2015 1238h	E200.8	0.000300	**0.00806**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-004
Client Sample ID: MW-30_01212015
Collection Date: 1/21/2015 1020h
Received Date: 1/23/2015 1005h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/27/2015 1145h	E300.0	100	**144**	
Nitrate/Nitrite (as N)	mg/L		1/27/2015 1652h	E353.2	5.00	**19.5**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-005
Client Sample ID: MW-31_01202015
Collection Date: 1/20/2015 1300h
Received Date: 1/23/2015 1005h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	1/23/2015 1458h	1/28/2015 1147h	E200.8	0.00500	**0.0756**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-005
Client Sample ID: MW-31_01202015
Collection Date: 1/20/2015 1300h
Received Date: 1/23/2015 1005h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/27/2015 1202h	E300.0	100	**226**	
Nitrate/Nitrite (as N)	mg/L		1/27/2015 1700h	E353.2	5.00	**20.9**	
Sulfate	mg/L		1/27/2015 1202h	E300.0	100	**669**	
Total Dissolved Solids	mg/L		1/23/2015 1515h	SM2540C	20.0	**1,540**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-006
Client Sample ID: MW-35_01202015
Collection Date: 1/20/2015 1520h
Received Date: 1/23/2015 1005h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	1/23/2015 1458h	1/28/2015 1150h	E200.8	0.0100	**0.228**	
Selenium	mg/L	1/23/2015 1458h	1/28/2015 1150h	E200.8	0.00500	**0.00821**	
Thallium	mg/L	1/23/2015 1458h	1/28/2015 1228h	E200.8	0.000500	< 0.000500	
Uranium	mg/L	1/23/2015 1458h	1/28/2015 1241h	E200.8	0.000300	**0.0218**	

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GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: January 28, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-35_01202015	Project:	DNMI00100
Sample ID:	365597001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	20-JAN-15 20:15		
Receive Date:	22-JAN-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha		6.86	+/-0.633	0.585	1.00	pCi/L		AF1	01/28/15	1026	1452170	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			98.6	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-007
Client Sample ID: MW-65_01212015
Collection Date: 1/21/2015 1020h
Received Date: 1/23/2015 1005h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	1/23/2015 1458h	1/28/2015 1216h	E200.8	0.00500	**0.0364**	
Uranium	mg/L	1/23/2015 1458h	1/28/2015 1244h	E200.8	0.000300	**0.00799**	

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Kyle F. Gross
Laboratory Director

Jose Rocha
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-007
Client Sample ID: MW-65_01212015
Collection Date: 1/21/2015 1020h
Received Date: 1/23/2015 1005h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		1/27/2015 1252h	E300.0	100	**142**	
Nitrate/Nitrite (as N)	mg/L		1/27/2015 1701h	E353.2	5.00	**9.37**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Sample ID: 1501357-008A
Client Sample ID: Trip Blank
Collection Date: 1/21/2015
Received Date: 1/23/2015 1005h Test Code: 8260-W

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

Analyzed: 1/23/2015 1646h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.7	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.1	50.00	96.1	80-128	
Surr: Dibromofluoromethane	1868-53-7	50.4	50.00	101	80-124	
Surr: Toluene-d8	2037-26-5	47.0	50.00	93.9	77-129	

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Laboratory Director

Jose Rocha
QA Officer

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: January Monthly Ground Water 2015

Dear Garrin Palmer: Lab Set ID: 1501357

American West Analytical Laboratories received 8 sample(s) on 1/23/2015 for the analyses presented in the following report.

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: Kyle F. Gross

Digitally signed by Kyle F. Gross
DN: cn=Kyle F. Gross, o=American West Analytical Lab, ou=Laboratory Director, email=kyle@awal-labs.com, c=US
Date: 2015.01.29 15:13:26 -07'00'

Laboratory Director or designee

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SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: January Monthly Ground Water 2015
Lab Set ID: 1501357
Date Received: 1/23/2015 1005h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1501357-001A	MW-11_01212015	1/21/2015	1110h	Aqueous	ICPMS Metals, Dissolved
1501357-002A	MW-25_01202015	1/20/2015	1045h	Aqueous	ICPMS Metals, Dissolved
1501357-003A	MW-26_01212015	1/21/2015	1445h	Aqueous	ICPMS Metals, Dissolved
1501357-003B	MW-26_01212015	1/21/2015	1445h	Aqueous	Nitrite/Nitrate (as N), E353.2
1501357-003C	MW-26_01212015	1/21/2015	1445h	Aqueous	Anions, E300.0
1501357-003D	MW-26_01212015	1/21/2015	1445h	Aqueous	VOA by GC/MS Method 8260C/5030C
1501357-004A	MW-30_01212015	1/21/2015	1020h	Aqueous	ICPMS Metals, Dissolved
1501357-004B	MW-30_01212015	1/21/2015	1020h	Aqueous	Nitrite/Nitrate (as N), E353.2
1501357-004C	MW-30_01212015	1/21/2015	1020h	Aqueous	Anions, E300.0
1501357-005A	MW-31_01202015	1/20/2015	1300h	Aqueous	ICPMS Metals, Dissolved
1501357-005B	MW-31_01202015	1/20/2015	1300h	Aqueous	Nitrite/Nitrate (as N), E353.2
1501357-005C	MW-31_01202015	1/20/2015	1300h	Aqueous	Anions, E300.0
1501357-005D	MW-31_01202015	1/20/2015	1300h	Aqueous	Total Dissolved Solids, A2540C
1501357-006A	MW-35_01202015	1/20/2015	1520h	Aqueous	ICPMS Metals, Dissolved
1501357-007A	MW-65_01212015	1/21/2015	1020h	Aqueous	ICPMS Metals, Dissolved
1501357-007B	MW-65_01212015	1/21/2015	1020h	Aqueous	Nitrite/Nitrate (as N), E353.2
1501357-007C	MW-65_01212015	1/21/2015	1020h	Aqueous	Anions, E300.0
1501357-008A	Trip Blank	1/21/2015		Aqueous	VOA by GC/MS Method 8260C/5030C

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Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	January Monthly Ground Water 2015
Lab Set ID:	1501357

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	1/23/2015
Dates of Collection:	1/20-1/21/2015
Sample Condition:	Intact
C-O-C Discrepancies:	None

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, DUP:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1501357-003B	Nitrate-Nitrite (as N)	MSD	Sample matrix interference

Duplicate (DUP): The parameters that required a duplicate analysis had RPDs within the control limits.

Corrective Action: None required.

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Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	January Monthly Ground Water 2015
Lab Set ID:	1501357

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Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	1/23/2015
Dates of Collection:	1/20-1/21/2015
Sample Condition:	Intact
C-O-C Discrepancies:	None
Method:	SW-846 8260C/5030C
Analysis:	Volatile Organic Compounds

General Set Comments: Multiple target analytes were observed above reporting limits.

Holding Time and Preservation Requirements: All samples were received in appropriate containers and properly preserved.. The analysis and preparation of all samples were performed within the method holding times following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, and Surrogates:

Method Blanks (MBs): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Sample (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-35215	Date Analyzed:	01/28/2015 1134h											
Test Code: 200.8-DIS	Date Prepared:	01/23/2015 1458h											
Cadmium	0.200	mg/L	E200.8	0.000193	0.000500	0.2000	0	100	85 - 115				
Manganese	0.206	mg/L	E200.8	0.00153	0.00200	0.2000	0	103	85 - 115				
Selenium	0.188	mg/L	E200.8	0.0000634	0.00200	0.2000	0	94.2	85 - 115				
Thallium	0.196	mg/L	E200.8	0.0000242	0.00200	0.2000	0	97.8	85 - 115				
Uranium	0.214	mg/L	E200.8	0.0000112	0.00200	0.2000	0	107	85 - 115				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**MB-35215**	Date Analyzed:	01/28/2015 1125h											
Test Code:	200.8-DIS	Date Prepared:	01/23/2015 1458h											
Cadmium		< 0.000500	mg/L	E200.8	0.000193	0.000500								
Manganese		< 0.00200	mg/L	E200.8	0.00153	0.00200								
Selenium		< 0.00200	mg/L	E200.8	0.0000634	0.00200								
Lab Sample ID:	**MB-35215**	Date Analyzed:	01/28/2015 1128h											
Test Code:	200.8-DIS	Date Prepared:	01/23/2015 1458h											
Thallium		< 0.000500	mg/L	E200.8	0.00000605	0.000500								
Lab Sample ID:	**MB-35215**	Date Analyzed:	01/28/2015 1131h											
Test Code:	200.8-DIS	Date Prepared:	01/23/2015 1458h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1501357-006AMS	Date Analyzed:	01/28/2015 1209h											
Test Code: 200.8-DIS	Date Prepared:	01/23/2015 1458h											
Cadmium	0.193	mg/L	E200.8	0.000193	0.000500	0.2000	0	96.7	75 - 125				
Manganese	0.421	mg/L	E200.8	0.00153	0.00200	0.2000	0.228	96.5	75 - 125				
Selenium	0.201	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00821	96.2	75 - 125				
Thallium	0.191	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000326	95.3	75 - 125				
Uranium	0.233	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0218	106	75 - 125				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1501357-006AMSD	Date Analyzed:	01/28/2015 1213h											
Test Code: 200.8-DIS	Date Prepared:	01/23/2015 1458h											
Cadmium	0.188	mg/L	E200.8	0.000193	0.000500	0.2000	0	94.1	75 - 125	0.193	2.67	20	
Manganese	0.408	mg/L	E200.8	0.00153	0.00200	0.2000	0.228	89.7	75 - 125	0.421	3.31	20	
Selenium	0.196	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00821	94.0	75 - 125	0.201	2.19	20	
Thallium	0.183	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000326	91.4	75 - 125	0.191	4.25	20	
Uranium	0.225	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0218	101	75 - 125	0.233	3.81	20	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1501357-005DDUP Date Analyzed: 01/23/2015 1515h Test Code: TDS-W-2540C													
Total Dissolved Solids	1,570	mg/L	SM2540C	12.3	20.0					1540	1.80	5	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R75111 Date Analyzed: 01/27/2015 1128h													
Test Code: 300.0-W													
Chloride	5.10	mg/L	E300.0	0.00751	0.100	5.000	0	102	90 - 110				
Sulfate	5.33	mg/L	E300.0	0.0211	0.750	5.000	0	107	90 - 110				
Lab Sample ID: LCS-R75119 Date Analyzed: 01/27/2015 1556h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.07	mg/L	E353.2	0.00833	0.0100	1.000	0	107	90 - 110				
Lab Sample ID: LCS-R75049 Date Analyzed: 01/23/2015 1515h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	220	mg/L	SM2540C	6.13	10.0	205.0	0	107	80 - 120				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-R75111 Date Analyzed: 01/27/2015 1111h													
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Sulfate	< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID: MB-R75119 Date Analyzed: 01/27/2015 1553h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								
Lab Sample ID: MB-R75049 Date Analyzed: 01/23/2015 1515h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1501357-005CMS Date Analyzed: 01/27/2015 1219h													
Test Code: 300.0-W													
Chloride	730	mg/L	E300.0	0.751	10.0	500.0	226	101	90 - 110				
Sulfate	1,190	mg/L	E300.0	2.11	75.0	500.0	669	104	90 - 110				
Lab Sample ID: 1501357-003CMS Date Analyzed: 01/27/2015 1400h													
Test Code: 300.0-W													
Chloride	111	mg/L	E300.0	0.0751	1.00	50.00	59.9	103	90 - 110				
Lab Sample ID: 1501357-003BMS Date Analyzed: 01/27/2015 1624h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.21	mg/L	E353.2	0.00833	0.0100	1.000	0.301	90.5	90 - 110				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Lab Set ID: 1501357
Dept: WC
Project: January Monthly Ground Water 2015
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1501357-005CMSD Date Analyzed: 01/27/2015 1235h													
Test Code: 300.0-W													
Chloride	733	mg/L	E300.0	0.751	10.0	500.0	226	101	90 - 110	730	0.385	20	
Sulfate	1,190	mg/L	E300.0	2.11	75.0	500.0	669	105	90 - 110	1190	0.204	20	
Lab Sample ID: 1501357-003CMSD Date Analyzed: 01/27/2015 1417h													
Test Code: 300.0-W													
Chloride	111	mg/L	E300.0	0.0751	1.00	50.00	59.9	102	90 - 110	111	0.721	20	
Lab Sample ID: 1501357-003BMSD Date Analyzed: 01/27/2015 1625h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.10	mg/L	E353.2	0.00833	0.0100	1.000	0.301	79.6	90 - 110	1.21	9.47	10	1

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

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Lab Set ID: 1501357
Dept: MSVOA
Project: January Monthly Ground Water 2015
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-1 012315A Date Analyzed: 01/23/2015 759h													
Test Code: 8260-W													
Chloroform	18.8	µg/L	SW8260C	0.153	2.00	20.00	0	94.0	67 - 132				
Methylene chloride	16.4	µg/L	SW8260C	0.172	2.00	20.00	0	82.1	32 - 185				
Surr: 1,2-Dichloroethane-d4	49.0	µg/L	SW8260C			50.00		98.0	76 - 138				
Surr: 4-Bromofluorobenzene	47.9	µg/L	SW8260C			50.00		95.8	77 - 121				
Surr: Dibromofluoromethane	48.4	µg/L	SW8260C			50.00		96.9	67 - 128				
Surr: Toluene-d8	47.0	µg/L	SW8260C			50.00		94.1	81 - 135				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-1 012315A Date Analyzed: 01/23/2015 838h Test Code: 8260-W													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Surr: 1,2-Dichloroethane-d4	52.1	µg/L	SW8260C			50.00		104	76 - 138				
Surr: 4-Bromofluorobenzene	48.8	µg/L	SW8260C			50.00		97.7	77 - 121				
Surr: Dibromofluoromethane	49.9	µg/L	SW8260C			50.00		99.7	67 - 128				
Surr: Toluene-d8	47.3	µg/L	SW8260C			50.00		94.6	81 - 135				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1501357
Project: January Monthly Ground Water 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1501357-003DMS Date Analyzed: 01/23/2015 1725h													
Test Code: 8260-W													
Chloroform	5,310	µg/L	SW8260C	15.3	200	2,000	3570	86.6	50 - 146				
Methylene chloride	1,740	µg/L	SW8260C	17.2	200	2,000	6.42	86.6	30 - 192				
Surr: 1,2-Dichloroethane-d4	5,170	µg/L	SW8260C			5,000		103	72 - 151				
Surr: 4-Bromofluorobenzene	4,840	µg/L	SW8260C			5,000		96.7	80 - 128				
Surr: Dibromofluoromethane	4,970	µg/L	SW8260C			5,000		99.4	80 - 124				
Surr: Toluene-d8	4,530	µg/L	SW8260C			5,000		90.6	77 - 129				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Lab Set ID: 1501357
Dept: MSVOA
Project: January Monthly Ground Water 2015
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1501357-003DMSD Date Analyzed: 01/23/2015 1744h													
Test Code: 8260-W													
Chloroform	5,420	µg/L	SW8260C	15.3	200	2,000	3570	92.4	50 - 146	5310	2.18	25	
Methylene chloride	1,730	µg/L	SW8260C	17.2	200	2,000	6.42	86.1	30 - 192	1740	0.577	25	
Surr: 1,2-Dichloroethane-d4	5,140	µg/L	SW8260C			5,000		103	72 - 151				
Surr: 4-Bromofluorobenzene	4,820	µg/L	SW8260C			5,000		96.4	80 - 128				
Surr: Dibromofluoromethane	4,950	µg/L	SW8260C			5,000		98.9	80 - 124				
Surr: Toluene-d8	4,560	µg/L	SW8260C			5,000		91.1	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1501357**

Client: Energy Fuels Resources, Inc. Due Date: 2/3/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **January Monthly Ground Water 2015** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). Alkalinity must be run at full volume, use ALK-W-2320B-LL test code. Groundwater project specific DL's: Assumes dilution of 2 for U, 5 for Be, Fe, Pb, and Tl, and 20X for others for required 200.8 PQLs. Run 200.8 on the Agilent. EDD-Denison and EIM-Locus. Email Group. Samples for metals have been field filtered.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1501357-001A	**MW-11_01212015**	1/21/2015 1110h	1/23/2015 1005h	**200.8-DIS**	Aqueous		df / dis metals	1
				1 SEL Analytes: MN				
				200.8-DIS-PR			df / dis metals	
1501357-002A	**MW-25_01202015**	1/20/2015 1045h	1/23/2015 1005h	**200.8-DIS**	Aqueous		df / dis metals	1
				2 SEL Analytes: CD U				
				200.8-DIS-PR			df / dis metals	
1501357-003A	**MW-26_01212015**	1/21/2015 1445h	1/23/2015 1005h	**200.8-DIS**	Aqueous		df / dis metals	1
				1 SEL Analytes: U				
				200.8-DIS-PR			df / dis metals	
1501357-003B				**NO2/NO3-W-353.2**			df /no2/no3	
				1 SEL Analytes: NO3NO2N				
1501357-003C				**300.0-W**			df / cl	
				1 SEL Analytes: CL				
1501357-003D				**8260-W**			vOC	3
				Test Group: 8260-W-Custom; # of Analytes: 3 / # of Surr: 4				
1501357-004A	**MW-30_01212015**	1/21/2015 1020h	1/23/2015 1005h	**200.8-DIS**	Aqueous		df / dis metals	1
				2 SEL Analytes: SE U				
				200.8-DIS-PR			df / dis metals	
1501357-004B				**NO2/NO3-W-353.2**			df /no2/no3	
				1 SEL Analytes: NO3NO2N				
1501357-004C				**300.0-W**			df / cl	
				1 SEL Analytes: CL				
1501357-005A	**MW-31_01202015**	1/20/2015 1300h	1/23/2015 1005h	**200.8-DIS**	Aqueous		df / dis metals	1
				1 SEL Analytes: SE				
				200.8-DIS-PR			df / dis metals	
1501357-005B				**NO2/NO3-W-353.2**			df /no2/no3	
				1 SEL Analytes: NO3NO2N				
1501357-005C				**300.0-W**			df / cl	
				2 SEL Analytes: CL SO4				

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WORK ORDER Summary

Work Order: **1501357**

Client: Energy Fuels Resources, Inc. Due Date: 2/3/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1501357-005D	**MW-31_01202015**	1/20/2015 1300h	1/23/2015 1005h	**TDS-W-2540C**	Aqueous		df / tds	1
				1 SEL Analytes: TDS				
1501357-006A	**MW-35_01202015**	1/20/2015 1520h	1/23/2015 1005h	**200.8-DIS**	Aqueous		df / dis metals	1
				4 SEL Analytes: MN SE TL U				
				200.8-DIS-PR			df / dis metals	
1501357-007A	**MW-65_01212015**	1/21/2015 1020h	1/23/2015 1005h	**200.8-DIS**	Aqueous		df / dis metals	1
				2 SEL Analytes: SE U				
				200.8-DIS-PR			df / dis metals	
1501357-007B				**NO2/NO3-W-353.2**			df /no2/no3	
				1 SEL Analytes: NO3NO2N				
1501357-007C				**300.0-W**			df / cl	
				1 SEL Analytes: CL				
1501357-008A	**Trip Blank**	1/21/2015	1/23/2015 1005h	**8260-W**	Aqueous		VOC	3
				Test Group: 8260-W-Custom; # of Analytes: 3 / # of Surr: 4				

AMERICAN WEST ANALYTICAL LABORATORIES

463 W. 3600 S. SALT LAKE CITY, UT 84115
PHONE # (801) 263-8686 TOLL FREE # (888) 263-8686
FAX # (801) 263-8687 EMAIL AWAL@AWAL-LABS.COM
WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

15013S7
AWAL LAB SAMPLE SET #
PAGE 1 OF 1

QC LEVEL:	TURN AROUND TIME:	DUE DATE:
3	STANDARD	

UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY 5:00 PM ON THE DAY THEY ARE DUE.

CLIENT:	Energy Fuels Resources, Inc.
ADDRESS:	6425 S. Hwy. 191
	Blanding, UT 84511
CONTACT:	Garrin Palmer
PHONE #:	(435) 678-2221 CELL #:
EMAIL:	gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
PROJECT NAME:	January Monthly Ground Water 2015
PROJECT #:	
PO #:	
SAMPLER NAME:	Tanner Holliday

X INCLUDE EDD: LOCUS UPLOAD EXCEL
X FIELD FILTERED FOR: Dissolved Metals

FOR COMPLIANCE WITH:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ NON-COMPLIANCE
☐ OTHER:

	SAMPLE ID:	DATE SAMPLED	TIME SAMPLED	# OF CONTAINERS	SAMPLE MATRIX	NO2/NO3 (353.2)	Dissolved Manganese (200.7/200.8)	Cl (4500 or 300.0)	TDS (2540C)	Dissolved Uranium (200.7/200.8)	Dissolved Cadmium (200.7/200.8)	Dissolved Selenium (200.7/200.8)	Dissolved Thallium (200.7/200.8)	SO_4 (4500 or 300.0)	VOCs Chloroform, Dichloromethane, Carbon tetrachloride (8260C)	KNOWN HAZARDS & SAMPLE COMMENTS
1	MW-11_01212015	1/21/2015	1110	1	W		X									
3	MW-25_01202015	1/20/2015	1045	1	W					X	X					
4	MW-26_01212015	1/21/2015	1445	6	W	X		X		X					X	
5	MW-30_01212015	1/21/2015	1020	3	W	X		X		X		X				
6	MW-31_01202015	1/20/2015	1300	4	W	X		X	X			X		X		
7	MW-35_01202015	1/20/2015	1520	1	W		X			X		X	X			
8	MW-65_01212015	1/21/2015	1020	3	W	X		X		X		X				
9	TRIP BLANK	1/21/2015		3	W										X	
10	TEMP BLANK	1/22/2015		1	W			*								
11																
12																

LABORATORY USE ONLY

SAMPLES WERE: Fed-X
1 SHIPPED OR HAND DELIVERED
2 AMBIENT OR CHILLED
3 TEMPERATURE 2.0 °C
4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) Y N
5 PROPERLY PRESERVED Y N
CHECKED AT BENCH Y N
6 RECEIVED WITHIN HOLDING TIMES Y N

1 PRESENT ON OUTER PACKAGE Y N NA
2 UNBROKEN ON OUTER PACKAGE Y N NA
3 PRESENT ON SAMPLE Y N NA
4 UNBROKEN ON SAMPLE Y N NA

DISCREPANCIES BETWEEN SAMPLE LABELS AND COC RECORD? Y N

RELINQUISHED BY: SIGNATURE	Tanner Holliday	DATE: 1/22/2015	RECEIVED BY: SIGNATURE	DATE:
PRINT NAME:	Tanner Holliday	TIME: 1000	PRINT NAME:	TIME:
RELINQUISHED BY: SIGNATURE		DATE:	RECEIVED BY: SIGNATURE	DATE: 1/23/15
PRINT NAME:		TIME:	PRINT NAME:	TIME: 1605
RELINQUISHED BY: SIGNATURE		DATE:	RECEIVED BY: SIGNATURE	DATE:
PRINT NAME:		TIME:	PRINT NAME:	TIME:
RELINQUISHED BY: SIGNATURE		DATE:	RECEIVED BY: SIGNATURE	DATE:
PRINT NAME:		TIME:	PRINT NAME:	TIME:

SPECIAL INSTRUCTIONS:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Lab Set ID: 1501357

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
[X] Shipped By: Fed X	Present on Outer Package	[X] AWAL Supplied Plastic	
[ ] Hand Delivered	[X] Yes [ ] No [ ] N/A	[ ] AWAL Supplied Clear Glass	
[ ] Ambient	Unbroken on Outer package	[ ] AWAL Supplied Amber Glass	
[X] Chilled on ice	[X] Yes [ ] No [ ] N/A	[ ] AWAL Supplied VOA/TOC/TOX Vials	
Temperature 2.0 °C	Present on Sample	[ ] Amber [ ] Clear [ ] Headspace [ ] No Headspace	
Rec. Broken/Leaking [ ] Yes [X] No [ ] N/A	[ ] Yes [ ] No [X] N/A	[ ] Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes: 1-23-15	
Properly Preserved [X] Yes [ ] No [ ] N/A	[ ] Yes [ ] No [X] N/A	Discrepancies Between Labels and COC [ ] Yes [X] No	
Notes:	Notes:	Notes:	
Rec. Within Hold [X] Yes [ ] No			
Notes:			

Bottle Type	Preservative	All pHs OK	1	2	3	4	5	6	7							
Ammonia	pH <2 H_2SO_4															
COD	pH <2 H_2SO_4															
Cyanide	PH >12 NaOH															
Metals	pH <2 HNO_3		Yes	Yes	Yes	Yes	Yes	Yes	Yes							
NO_2 & NO_3	pH <2 H_2SO_4				Yes	Yes	Yes		Yes							
Nutrients	pH <2 H_2SO_4				~~Yes~~											
O & G	pH <2 HCL															
Phenols	pH <2 H_2SO_4															
Sulfide	pH > 9NaOH, ZnAC															
TKN	pH <2 H_2SO_4															
TOC	pH <2 H_3PO_4															
T PO_4	pH <2 H_2SO_4															
TPH	pH <2 HCL															

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
5) Flag COC and notify client for further instructions
6) Place client conversation on COC
7) Samples may be adjusted at client request

GEL Laboratories LLC

a member of **The GEL Group** INC

PO Box 30712 Charleston, SC 29417
2040 Savage Road Charleston, SC 29407

P 843.556.8171 F 843.766.1178

www.gel.com

January 28, 2015

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: White Mesa Mill GW
Work Order: 365597

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on January 22, 2015. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4487.

Sincerely,

Hope Taylor for
Sylainna Rivers
Project Manager

Purchase Order: DW16138
Enclosures

Energy Fuels Resources (USA), Inc.
White Mesa Mill GW
SDG: 365597

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 365597

January 28, 2015

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary:

Sample receipt: The sample arrived at GEL Laboratories LLC, Charleston, South Carolina on January 22, 2015 for analysis. The sample was delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Sample Identification: The laboratory received the following sample:

Laboratory ID	Client ID
365597001	MW-35_01202015

Case Narrative:

Sample analyses were conducted using methodology as outlined in GEL's Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

The enclosed data package contains the following sections: Case Narrative, Chain of Custody, Cooler Receipt Checklist, Data Package Qualifier Definitions and data from the following fractions: Radiochemistry.

Hope Taylor for
Sylainna Rivers
Project Manager

365597

Sheet 1 of 1

CHAIN OF CUSTODY

Samples Shipped to: Gel Laboratories
2040 Savage Road
Charleston, SC 29407

Contact: Garrin Palmer
Ph: 435 678 2221
gpalmer@energyfuels.com

Chain of Custody/Sampling Analysis Request

Project	Samplers Name	Samplers Signature
January monthly GW 2015	Garrin Palmer	Garrin Palmer

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-35_01202015	1/20/2015	1520	Gross Alpha

Comments: Please send report to Kathy Weinel at kweinel@energyfuels.com

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
Garrin Palmer	1/21/15 1100		1/22/15
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DNMI	**SDG/AR/COC/Work Order:** 365596 / 365597
Received By: Jacob McLane	**Date Received:** 1/22/15

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
COC/Samples marked as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 cpm
Classified Radioactive II or III by RSO?		✓	If yes, Were swipes taken of sample contatiners < action levels?
COC/Samples marked containing PCBs?		✓	
Package, COC, and/or Samples marked as beryllium or asbestos containing?		✓	If yes, samples are to be segregeated as Safety Controlled Samples, and opened by the GEL Safety Group.
Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#:
Samples identified as Foreign Soil?		✓	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2	Samples requiring cold preservation within (0 ≤ 6 deg. C)?*		✓		10 C Preservation Method: Ice bags Blue ice Dry ice None Other (describe) *all temperatures are recorded in Celsius
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: Secondary Temperature Device Serial # (If Applicable): 130462862
3	Chain of custody documents included with shipment?	✓			
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
7	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?	✓			ID's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
11	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
12	Are sample containers identifiable as GEL provided?	✓			NT - DMM 1/22/15
13	COC form is properly signed in relinquished/received sections?	✓			
14	Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground UPS Field Services Courier Other 1Z 187 Y4Y 01 9856 2735

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials SR Date 1/22/15 Page 1 of 1

GL-CHL-SR-001

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 365597 January monthly GW 2015
Client SDG: 365597
Project Manager: Sylainna Rivers
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 19-FEB-15
Package Due Date: 16-FEB-15
EDD Due Date: 19-FEB-15
Due Date: 19-FEB-15
SXK1

Collector: C
Prelogin #: 20150126375
Project Workdef ID: 1294356
SDG Status: Closed
Logged by:

GEL ID	Client Sample ID	Client Sample Desc.	Collect Date & Time	Receive Date & Time	Time Zone	# of Cont.	Lab Matrix	Fax Due Date	Days to Process	CofC #	Prelog Group	Lab QC	Field QC
365597001	MW-35_01202015		20-JAN-15 20:15	22-JAN-15 09:15	-2	1	GROUND WATER		20		1		

	Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
-001	MW-35_01202015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Temperature (C)	10	

Product: GFCTORAL **Workdef ID:** 1297250 **In Product Group?** No **Group Name:** **Group Reference:**
Method: EPA 900.1 Modified
Product Description: GFPC, Total Alpha Radium, Liquid
Samples: 001
Parmname Check: All parmnames scheduled properly
Path: Standard
Product Reference: Gross Alpha
Moisture Correction: "As Received"

CAS #	Parmname	Client RDL or PQL & Unit	Reporting Units	Parm Function	Included in Sample?	Included in QC?	Custom List?
	Gross Radium Alpha	1	pCi/L	REG	Y	Y	Yes

Contingent Tests

Action	Product Name	Description	Samples

Login Requirements:

Requirement	Include?	Comments

Peer Review by:_____ Work Order (SDG#), PO# Checked?_____ C of C signed in receiver location? _____

List of current GEL Certifications as of 28 January 2015

State	Certification
Alaska	UST-110
Arkansas	88-0651
CLIA	42D0904046
California	2940 Interim
Colorado	SC00012
Connecticut	PH-0169
Delaware	SC000122013-10
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	P330-12-00283, P330-12-00284
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC000122013-10
Idaho Chemistry	SC00012
Idaho Radiochemistry	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	90129
Kentucky Wastewater	90129
Louisiana NELAP	03046 (AI33904)
Louisiana SDWA	LA150001
Maryland	270
Massachusetts	M-SC012
Michigan	9976
Mississippi	SC000122013-10
Nebraska	NE-OS-26-13
Nevada	SC000122014-1
New Hampshire NELAP	2054
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
Oklahoma	9904
Pennsylvania NELAP	68-00485
Plant Material Permit	PDEP-12-00260
South Carolina Chemistry	10120001
South Carolina GVL	23611001
South Carolina Radiochemi	10120002
Tennessee	TN 02934
Texas NELAP	T104704235-14-9
Utah NELAP	SC000122014-16
Vermont	VT87156
Virginia NELAP	460202
Washington	C780-12

Radiochemistry Case Narrative
Energy Fuels Resources (DNMI)
SDG 365597

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1452170

Sample ID	Client ID
365597001	MW-35_01202015
1203249591	MB for batch 1452170
1203249595	Laboratory Control Sample (LCS)
1203249592	365596001(MW-35_12092014) Sample Duplicate (DUP)
1203249593	365596001(MW-35_12092014) Matrix Spike (MS)
1203249594	365596001(MW-35_12092014) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-010 REV# 15.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 365596001 (MW-35_12092014).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries
All chemical recoveries meet the required acceptance limits for this sample set.

Recounts
None of the samples in this sample set were recounted.

Miscellaneous Information:

Data Exception (DER) Documentation
Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Sample-Specific MDA/MDC
The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments
The matrix spike and matrix spike duplicate, 1203249593 (MW-35_12092014MS) and 1203249594 (MW-35_12092014MSD), aliquots were reduced to conserve sample volume.

Qualifier Information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

DNMI001 Energy Fuels Resources (USA), Inc.

Client SDG: 365597 GEL Work Order: 365597

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the CRDL.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature: Heather McCarty **Name:** **Heather McCarty**

Date: **28 JAN 2015** **Title:** **Analyst II**

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: January 28, 2015

Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado
Contact: **Ms. Kathy Weinel**

Workorder: **365597**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1452170										
QC1203249592 365596001 DUP										
Gross Radium Alpha		4.54		5.02	pCi/L	10.0		(0%-20%)	AF1	01/28/15 10:26
	Uncertainty	+/-0.477		+/-0.544						
QC1203249595 LCS										
Gross Radium Alpha	413			421	pCi/L		102	(75%-125%)		01/28/15 10:26
	Uncertainty			+/-4.40						
QC1203249591 MB										
Gross Radium Alpha			U	-0.0849	pCi/L					01/28/15 10:26
	Uncertainty			+/-0.107						
QC1203249593 365596001 MS										
Gross Radium Alpha	1690	4.54		1560	pCi/L		92.3	(75%-125%)		01/28/15 10:26
	Uncertainty	+/-0.477		+/-17.0						
QC1203249594 365596001 MSD										
Gross Radium Alpha	1690	4.54		1560	pCi/L	0.0292	92.3	(0%-20%)		01/28/15 10:26
	Uncertainty	+/-0.477		+/-17.0						

Notes:

Counting Uncertainty is calculated at the 68% confidence level (1-sigma).
The Qualifiers in this report are defined as follows:

**	Analyte is a surrogate compound
<	Result is less than value reported
>	Result is greater than value reported
A	The TIC is a suspected aldol-condensation product
B	For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
BD	Results are either below the MDC or tracer recovery is low
C	Analyte has been confirmed by GC/MS analysis
D	Results are reported from a diluted aliquot of the sample
F	Estimated Value
H	Analytical holding time was exceeded
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.
M	M if above MDC and less than LLD
M	Matrix Related Failure
N/A	RPD or %Recovery limits do not apply.
N1	See case narrative
ND	Analyte concentration is not detected above the detection limit

QC Summary

Workorder: 365597

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
R	Sample results are rejected
U	Analyte was analyzed for, but not detected above the CRDL.
UI	Gamma Spectroscopy--Uncertain identification
UJ	Gamma Spectroscopy--Uncertain identification
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y	QC Samples were not spiked with this compound
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h	Preparation or preservation holding time was exceeded

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Tab F2

Laboratory Analytical Reports – Accelerated Monitoring

March 2015

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-001
Client Sample ID: MW-11_03032015
Collection Date: 3/3/2015 1140h
Received Date: 3/9/2015 1125h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	3/10/2015 1534h	3/11/2015 1639h	E200.8	0.0100	**0.149**	

3440 South 700 West
Salt Lake City, UT 84119

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-002
Client Sample ID: MW-25_03042015
Collection Date: 3/4/2015 1050h
Received Date: 3/9/2015 1125h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Cadmium	mg/L	3/10/2015 1534h	3/11/2015 1655h	E200.8	0.000500	**0.00137**	
Uranium	mg/L	3/10/2015 1534h	3/13/2015 2136h	E200.8	0.000300	**0.00643**	

3440 South 700 West
Salt Lake City, UT 84119

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

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-003
Client Sample ID: MW-26_03042015
Collection Date: 3/4/2015 1300h
Received Date: 3/9/2015 1125h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Uranium	mg/L	3/10/2015 1534h	3/13/2015 2139h	E200.8	0.000300	**0.0726**	

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-003
Client Sample ID: MW-26_03042015
Collection Date: 3/4/2015 1300h
Received Date: 3/9/2015 1125h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		3/10/2015 1809h	E300.0	10.0	**67.2**	
Nitrate/Nitrite (as N)	mg/L		3/10/2015 1314h	E353.2	0.100	**0.965**	'

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

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American West
ANALYTICAL LABORATORIES

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-003D
Client Sample ID: MW-26_03042015
Collection Date: 3/4/2015 1300h
Received Date: 3/9/2015 1125h

Test Code: 8260-W-DEN100

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

Analyzed: 3/10/2015 1008h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,050	1,000	105	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	1,090	1,000	109	80-128	
Surr: Dibromofluoromethane	1868-53-7	1,000	1,000	100	80-124	
Surr: Toluene-d8	2037-26-5	1,070	1,000	107	77-129	

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

Analyzed: 3/9/2015 1411h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Carbon tetrachloride	56-23-5	1.00	< 1.00	
Methylene chloride	75-09-2	1.00	**6.95**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.8	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.3	50.00	105	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.1	50.00	98.2	80-124	
Surr: Toluene-d8	2037-26-5	50.9	50.00	102	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-004
Client Sample ID: MW-30_03032015
Collection Date: 3/3/2015 1550h
Received Date: 3/9/2015 1125h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	3/10/2015 1534h	3/11/2015 1658h	E200.8	0.00500	**0.0380**	
Uranium	mg/L	3/10/2015 1534h	3/13/2015 2143h	E200.8	0.000300	**0.00835**	

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Jose Rocha
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-004
Client Sample ID: MW-30_03032015
Collection Date: 3/3/2015 1550h
Received Date: 3/9/2015 1125h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	3/10/2015 922h	3/11/2015 1217h	E350.1	0.0500	< 0.0500	
Chloride	mg/L		3/10/2015 1752h	E300.0	100	**132**	
Nitrate/Nitrite (as N)	mg/L		3/10/2015 1434h	E353.2	1.00	**17.3**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-005
Client Sample ID: MW-31_03032015
Collection Date: 3/3/2015 1305h
Received Date: 3/9/2015 1125h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	3/10/2015 1534h	3/11/2015 1701h	E200.8	0.00500	**0.0762**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-005
Client Sample ID: MW-31_03032015
Collection Date: 3/3/2015 1305h
Received Date: 3/9/2015 1125h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		3/10/2015 1701h	E300.0	100	**209**	
Nitrate/Nitrite (as N)	mg/L		3/10/2015 1436h	E353.2	1.00	**19.8**	
Sulfate	mg/L		3/10/2015 1701h	E300.0	100	**616**	
Total Dissolved Solids	mg/L		3/9/2015 1440h	SM2540C	20.0	**1,530**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-006
Client Sample ID: MW-35_03042015
Collection Date: 3/4/2015 1230h
Received Date: 3/9/2015 1125h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	3/10/2015 1534h	3/11/2015 1714h	E200.8	0.0100	**0.190**	
Selenium	mg/L	3/10/2015 1534h	3/11/2015 1714h	E200.8	0.00500	**0.0266**	
Thallium	mg/L	3/10/2015 1534h	3/13/2015 2107h	E200.8	0.000500	< 0.000500	
Uranium	mg/L	3/10/2015 1534h	3/13/2015 2146h	E200.8	0.000300	**0.0244**	

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GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 28, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-35_03042015	Project:	DNMI00100
Sample ID:	368301001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	04-MAR-15 12:30		
Receive Date:	09-MAR-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha		3.81	+/-0.613	0.889	1.00	pCi/L		AXM6	03/20/15	1104	1464191	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			98.2	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-007
Client Sample ID: MW-65_03042015
Collection Date: 3/4/2015 1230h
Received Date: 3/9/2015 1125h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	3/10/2015 1534h	3/11/2015 1717h	E200.8	0.0100	**0.188**	
Selenium	mg/L	3/10/2015 1534h	3/11/2015 1717h	E200.8	0.00500	**0.0270**	
Thallium	mg/L	3/10/2015 1534h	3/13/2015 2111h	E200.8	0.000500	< 0.000500	
Uranium	mg/L	3/10/2015 1534h	3/13/2015 2149h	E200.8	0.000300	**0.0246**	

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Laboratory Director

Jose Rocha
QA Officer

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 28, 2015

Company :	Energy Fuels Resources (USA), Inc.
Address :	225 Union Boulevard Suite 600 Lakewood, Colorado 80228
Contact:	Ms. Kathy Weinel
Project:	White Mesa Mill GW

Client Sample ID:	MW-65_03042015	Project:	DNMI00100
Sample ID:	368301002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	04-MAR-15 12:30		
Receive Date:	09-MAR-15		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha		4.69	+/-0.665	0.858	1.00	pCi/L		AXM6	03/20/15	1104	1464191	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			97.8	(25%-125%)

Notes:
Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Sample ID: 1503120-008A
Client Sample ID: Trip Blank
Collection Date: 3/4/2015
Received Date: 3/9/2015 1125h

Test Code: 8260-W-DEN100

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

Analyzed: 3/9/2015 1352h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	51.6	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.1	50.00	104	80-128	
Surr: Dibromofluoromethane	1868-53-7	49.0	50.00	98.1	80-124	
Surr: Toluene-d8	2037-26-5	51.6	50.00	103	77-129	

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American West
ANALYTICAL LABORATORIES

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: March Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1503120

3440 South 700 West
Salt Lake City, UT 84119

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Kyle F. Gross
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Jose Rocha
QA Officer

American West Analytical Laboratories received 8 sample(s) on 3/9/2015 for the analyses presented in the following report.

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: Jose G. Rocha

Digitally signed by Jose G. Rocha
DN: cn=Jose G. Rocha, o=American West Analytical Laboratories, ou, email=jose@awal-labs.com, c=US
Date: 2015.03.25 14:51:04 -06'00'

Laboratory Director or designee

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SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: March Groundwater 2015
Lab Set ID: 1503120
Date Received: 3/9/2015 1125h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1503120-001A	MW-11_03032015	3/3/2015	1140h	Aqueous	ICPMS Metals, Dissolved
1503120-002A	MW-25_03042015	3/4/2015	1050h	Aqueous	ICPMS Metals, Dissolved
1503120-003A	MW-26_03042015	3/4/2015	1300h	Aqueous	ICPMS Metals, Dissolved
1503120-003B	MW-26_03042015	3/4/2015	1300h	Aqueous	Nitrite/Nitrate (as N), E353.2
1503120-003C	MW-26_03042015	3/4/2015	1300h	Aqueous	Anions, E300.0
1503120-003D	MW-26_03042015	3/4/2015	1300h	Aqueous	VOA by GC/MS Method 8260C/5030C
1503120-004A	MW-30_03032015	3/3/2015	1550h	Aqueous	ICPMS Metals, Dissolved
1503120-004B	MW-30_03032015	3/3/2015	1550h	Aqueous	Ammonia, Aqueous
1503120-004B	MW-30_03032015	3/3/2015	1550h	Aqueous	Nitrite/Nitrate (as N), E353.2
1503120-004C	MW-30_03032015	3/3/2015	1550h	Aqueous	Anions, E300.0
1503120-005A	MW-31_03032015	3/3/2015	1305h	Aqueous	ICPMS Metals, Dissolved
1503120-005B	MW-31_03032015	3/3/2015	1305h	Aqueous	Nitrite/Nitrate (as N), E353.2
1503120-005C	MW-31_03032015	3/3/2015	1305h	Aqueous	Anions, E300.0
1503120-005D	MW-31_03032015	3/3/2015	1305h	Aqueous	Total Dissolved Solids, A2540C
1503120-006A	MW-35_03042015	3/4/2015	1230h	Aqueous	ICPMS Metals, Dissolved
1503120-007A	MW-65_03042015	3/4/2015	1230h	Aqueous	ICPMS Metals, Dissolved
1503120-008A	Trip Blank	3/4/2015		Aqueous	VOA by GC/MS Method 8260C/5030C

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	March Groundwater 2015
Lab Set ID:	1503120

Sample Receipt Information:

Date of Receipt:	3/9/2015
Date(s) of Collection:	3/3 – 3/4/2015
Sample Condition:	Intact
C-O-C Discrepancies:	None
Method:	SW-846 8260C/5030C
Analysis:	Volatile Organic Compounds

General Set Comments: Multiple target analytes were observed above reporting limits.

Holding Time and Preservation Requirements: All samples were received in appropriate containers and properly preserved. The analysis and preparation of all samples were performed within the method holding times following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, and Surrogates:

Method Blanks (MBs): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Sample (LCSs): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicate (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Surrogates: All surrogate recoveries were within established limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	March Groundwater 2015
Lab Set ID:	1503120

Sample Receipt Information:

Date of Receipt:	3/9/2015
Date(s) of Collection:	3/3 – 3/4/2015
Sample Condition:	Intact
C-O-C Discrepancies:	None

Holding Time and Preservation Requirements: The analysis and preparation for the samples were performed within the method holding times. The samples were properly preserved.

Preparation and Analysis Requirements: The samples were analyzed following the methods stated on the analytical reports.

Analytical QC Requirements: All instrument calibration and calibration check requirements were met. All internal standard recoveries met method criterion.

Batch QC Requirements: MB, LCS, MS, MSD, RPD, DUP:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, with the following exceptions:

Sample ID	Analyte	QC	Explanation
1503120-003B	Nitrate-Nitrite (as N)	MS/MSD	Sample matrix interference

Duplicate (DUP): The parameters that required a duplicate analysis had RPDs within the control limits.

Corrective Action: None required.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-35946	Date Analyzed:	03/11/2015 1636h											
Test Code: 200.8-DIS	Date Prepared:	03/10/2015 1534h											
Cadmium	0.188	mg/L	E200.8	0.000193	0.000500	0.2000	0	94.2	85 - 115				
Manganese	0.192	mg/L	E200.8	0.00153	0.00200	0.2000	0	95.8	85 - 115				
Selenium	0.190	mg/L	E200.8	0.0000634	0.00200	0.2000	0	95.2	85 - 115				
Thallium	0.186	mg/L	E200.8	0.0000242	0.00200	0.2000	0	93.0	85 - 115				
Lab Sample ID: LCS-35946	Date Analyzed:	03/13/2015 2055h											
Test Code: 200.8-DIS	Date Prepared:	03/10/2015 1534h											
Uranium	0.209	mg/L	E200.8	0.0000112	0.00200	0.2000	0	105	85 - 115				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-35946	Date Analyzed:	03/11/2015 1632h											
Test Code: 200.8-DIS	Date Prepared:	03/10/2015 1534h											
Cadmium	< 0.000500	mg/L	E200.8	0.000193	0.000500								
Manganese	< 0.00200	mg/L	E200.8	0.00153	0.00200								
Selenium	< 0.00200	mg/L	E200.8	0.0000634	0.00200								
Lab Sample ID: MB-35946	Date Analyzed:	03/13/2015 2051h											
Test Code: 200.8-DIS	Date Prepared:	03/10/2015 1534h											
Thallium	< 0.000500	mg/L	E200.8	0.00000605	0.000500								
Lab Sample ID: MB-35946	Date Analyzed:	03/13/2015 2133h											
Test Code: 200.8-DIS	Date Prepared:	03/10/2015 1534h											
Uranium	< 0.000200	mg/L	E200.8	0.00000112	0.000200								

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1503120-001AMS**	Date Analyzed:	03/11/2015 1648h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Cadmium		0.189	mg/L	E200.8	0.000193	0.000500	0.2000	0	94.3	75 - 125				
Manganese		0.336	mg/L	E200.8	0.00153	0.00200	0.2000	0.149	93.4	75 - 125				
Selenium		0.190	mg/L	E200.8	0.0000634	0.00200	0.2000	0	95.1	75 - 125				
Thallium		0.182	mg/L	E200.8	0.0000242	0.00200	0.2000	0	91.1	75 - 125				
Lab Sample ID:	**1503121-001EMS**	Date Analyzed:	03/11/2015 1723h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Cadmium		0.192	mg/L	E200.8	0.000193	0.000500	0.2000	0.000483	95.8	75 - 125				
Manganese		0.305	mg/L	E200.8	0.00153	0.00200	0.2000	0.111	97.3	75 - 125				
Selenium		0.201	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00665	97.1	75 - 125				
Thallium		0.186	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00103	92.3	75 - 125				
Lab Sample ID:	**1503120-001AMS**	Date Analyzed:	03/13/2015 2101h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Uranium		0.211	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000908	105	75 - 125				
Lab Sample ID:	**1503121-001EMS**	Date Analyzed:	03/13/2015 2117h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Uranium		0.232	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0141	109	75 - 125				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	**1503121-001EMSD**	Date Analyzed:	03/11/2015 1727h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Cadmium		0.189	mg/L	E200.8	0.000193	0.000500	0.2000	0.000483	94.3	75 - 125	0.192	1.55	20	
Manganese		0.301	mg/L	E200.8	0.00153	0.00200	0.2000	0.111	95.0	75 - 125	0.305	1.51	20	
Selenium		0.198	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00665	95.4	75 - 125	0.201	1.65	20	
Thallium		0.184	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00103	91.5	75 - 125	0.186	0.853	20	
Lab Sample ID:	**1503120-001AMSD**	Date Analyzed:	03/11/2015 1652h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Cadmium		0.193	mg/L	E200.8	0.000193	0.000500	0.2000	0	96.7	75 - 125	0.189	2.48	20	
Manganese		0.345	mg/L	E200.8	0.00153	0.00200	0.2000	0.149	98.0	75 - 125	0.336	2.67	20	
Selenium		0.193	mg/L	E200.8	0.0000634	0.00200	0.2000	0	96.6	75 - 125	0.19	1.55	20	
Thallium		0.187	mg/L	E200.8	0.0000242	0.00200	0.2000	0	93.5	75 - 125	0.182	2.55	20	
Lab Sample ID:	**1503120-001AMSD**	Date Analyzed:	03/13/2015 2104h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Uranium		0.209	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000908	104	75 - 125	0.211	0.865	20	
Lab Sample ID:	**1503121-001EMSD**	Date Analyzed:	03/13/2015 2120h											
Test Code:	200.8-DIS	Date Prepared:	03/10/2015 1534h											
Uranium		0.217	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0141	102	75 - 125	0.232	6.37	20	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503120-005DDUP Date Analyzed: 03/09/2015 1440h Test Code: TDS-W-2540C													
Total Dissolved Solids	1,530	mg/L	SM2540C	12.3	20.0					1530	0	5	
Lab Sample ID: 1503121-001CDUP Date Analyzed: 03/09/2015 1440h Test Code: TDS-W-2540C													
Total Dissolved Solids	3,940	mg/L	SM2540C	12.3	20.0					3870	1.95	5	

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R76424 Date Analyzed: 03/10/2015 1306h													
Test Code: 300.0-W													
Chloride	4.88	mg/L	E300.0	0.00751	0.100	5.000	0	97.6	90 - 110				
Sulfate	4.58	mg/L	E300.0	0.0211	0.750	5.000	0	91.6	90 - 110				
Lab Sample ID: LCS-35940 Date Analyzed: 03/11/2015 1209h													
Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	10.2	mg/L	E350.1	0.0226	0.0500	10.00	0	102	90 - 110				
Lab Sample ID: LCS NO3-R76407 Date Analyzed: 03/10/2015 1309h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.06	mg/L	E353.2	0.00833	0.0100	1.000	0	106	90 - 110				
Lab Sample ID: LCS-R76404 Date Analyzed: 03/09/2015 1440h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	206	mg/L	SM2540C	6.13	10.0	205.0	0	100	80 - 120				

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-76424	Date Analyzed:	03/10/2015 1249h											
Test Code: 300.0-W													
Chloride	< 0.100	mg/L	E300.0	0.00751	0.100								
Sulfate	< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID: MB-35940	Date Analyzed:	03/11/2015 1208h											
Test Code: NH3-W-350.1	Date Prepared:	03/10/2015 922h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R76407	Date Analyzed:	03/10/2015 1307h											
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								
Lab Sample ID: MB-R76404	Date Analyzed:	03/09/2015 1440h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503120-005CMS Date Analyzed: 03/10/2015 1718h													
Test Code: 300.0-W													
Chloride	700	mg/L	E300.0	0.751	10.0	500.0	209	98.2	90 - 110				
Sulfate	1,140	mg/L	E300.0	2.11	75.0	500.0	616	105	90 - 110				
Lab Sample ID: 1503121-001BMS Date Analyzed: 03/10/2015 2024h													
Test Code: 300.0-W													
Chloride	4,870	mg/L	E300.0	7.51	100	5,000	46.9	96.4	90 - 110				
Sulfate	7,500	mg/L	E300.0	21.1	750	5,000	2650	97.0	90 - 110				
Lab Sample ID: 1503120-004BMS Date Analyzed: 03/11/2015 1218h													
Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	10.2	mg/L	E350.1	0.0226	0.0500	10.00	0.0234	101	90 - 110				
Lab Sample ID: 1503121-001DMS Date Analyzed: 03/11/2015 1230h													
Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	10.3	mg/L	E350.1	0.0226	0.0500	10.00	0	103	90 - 110				
Lab Sample ID: 1503121-001DMS NO3 Date Analyzed: 03/10/2015 1322h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.928	mg/L	E353.2	0.00833	0.0100	1.000	0	92.8	90 - 110				
Lab Sample ID: 1503120-003BMS NO3 Date Analyzed: 03/10/2015 1315h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.82	mg/L	E353.2	0.00833	0.0100	1.000	0.965	85.6	90 - 110				1

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

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503120-005CMSD Date Analyzed: 03/10/2015 1735h													
Test Code: 300.0-W													
Chloride	698	mg/L	E300.0	0.751	10.0	500.0	209	97.8	90 - 110	700	0.235	20	
Sulfate	1,140	mg/L	E300.0	2.11	75.0	500.0	616	104	90 - 110	1140	0.610	20	
Lab Sample ID: 1503121-001BMSD Date Analyzed: 03/10/2015 2041h													
Test Code: 300.0-W													
Chloride	4,890	mg/L	E300.0	7.51	100	5,000	46.9	96.8	90 - 110	4870	0.366	20	
Sulfate	7,520	mg/L	E300.0	21.1	750	5,000	2650	97.4	90 - 110	7500	0.276	20	
Lab Sample ID: 1503120-004BMSD Date Analyzed: 03/11/2015 1228h													
Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	9.75	mg/L	E350.1	0.0226	0.0500	10.00	0.0234	97.2	90 - 110	10.2	4.26	10	
Lab Sample ID: 1503121-001DMSD Date Analyzed: 03/11/2015 1232h													
Test Code: NH3-W-350.1 Date Prepared: 03/10/2015 922h													
Ammonia (as N)	10.0	mg/L	E350.1	0.0226	0.0500	10.00	0	100	90 - 110	10.3	2.95	10	
Lab Sample ID: 1503121-001DMSD NO3 Date Analyzed: 03/10/2015 1330h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.934	mg/L	E353.2	0.00833	0.0100	1.000	0	93.4	90 - 110	0.928	0.634	10	
Lab Sample ID: 1503120-003BMSD NO3 Date Analyzed: 03/10/2015 1316h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.82	mg/L	E353.2	0.00833	0.0100	1.000	0.965	85.8	90 - 110	1.82	0.110	10	1

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

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS VOC-2 030915A Date Analyzed: 03/09/2015 739h													
Test Code: 8260-W-DEN100													
Chloroform	21.4	µg/L	SW8260C	0.153	1.00	20.00	0	107	67 - 132				
Methylene chloride	19.9	µg/L	SW8260C	0.172	1.00	20.00	0	99.3	32 - 185				
Surr: 1,2-Dichloroethane-d4	50.6	µg/L	SW8260C			50.00		101	76 - 138				
Surr: 4-Bromofluorobenzene	49.9	µg/L	SW8260C			50.00		99.9	77 - 121				
Surr: Dibromofluoromethane	49.4	µg/L	SW8260C			50.00		98.7	67 - 128				
Surr: Toluene-d8	49.4	µg/L	SW8260C			50.00		98.8	81 - 135				
Lab Sample ID: LCS VOC-2 031015A Date Analyzed: 03/10/2015 752h													
Test Code: 8260-W-DEN100													
Chloroform	21.4	µg/L	SW8260C	0.153	1.00	20.00	0	107	67 - 132				
Surr: 1,2-Dichloroethane-d4	50.9	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	50.6	µg/L	SW8260C			50.00		101	77 - 121				
Surr: Dibromofluoromethane	49.3	µg/L	SW8260C			50.00		98.6	67 - 128				
Surr: Toluene-d8	49.6	µg/L	SW8260C			50.00		99.2	81 - 135				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB VOC-2 030915A Date Analyzed: 03/09/2015 818h													
Test Code: 8260-W-DEN100													
Carbon tetrachloride	< 1.00	µg/L	SW8260C	0.504	1.00								
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Methylene chloride	< 1.00	µg/L	SW8260C	0.172	1.00								
Surr: 1,2-Dichloroethane-d4	51.2	µg/L	SW8260C			50.00		102	76 - 138				
Surr: 4-Bromofluorobenzene	50.1	µg/L	SW8260C			50.00		100	77 - 121				
Surr: Dibromofluoromethane	48.5	µg/L	SW8260C			50.00		97.0	67 - 128				
Surr: Toluene-d8	50.1	µg/L	SW8260C			50.00		100	81 - 135				
Lab Sample ID: MB VOC-2 031015A Date Analyzed: 03/10/2015 830h													
Test Code: 8260-W-DEN100													
Chloroform	< 1.00	µg/L	SW8260C	0.153	1.00								
Surr: 1,2-Dichloroethane-d4	51.4	µg/L	SW8260C			50.00		103	76 - 138				
Surr: 4-Bromofluorobenzene	52.4	µg/L	SW8260C			50.00		105	77 - 121				
Surr: Dibromofluoromethane	48.8	µg/L	SW8260C			50.00		97.5	67 - 128				
Surr: Toluene-d8	50.9	µg/L	SW8260C			50.00		102	81 - 135				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503120-003DMS Date Analyzed: 03/10/2015 1027h													
Test Code: 8260-W-DEN100													
Chloroform	1,490	µg/L	SW8260C	3.06	20.0	400.0	1020	119	50 - 146				
Surr: 1,2-Dichloroethane-d4	1,030	µg/L	SW8260C			1,000		103	72 - 151				
Surr: 4-Bromofluorobenzene	1,030	µg/L	SW8260C			1,000		103	80 - 128				
Surr: Dibromofluoromethane	994	µg/L	SW8260C			1,000		99.4	80 - 124				
Surr: Toluene-d8	1,020	µg/L	SW8260C			1,000		102	77 - 129				
Lab Sample ID: 1503121-001AMS Date Analyzed: 03/10/2015 929h													
Test Code: 8260-W-DEN100													
Chloroform	20.0	µg/L	SW8260C	0.153	1.00	20.00	0	99.8	50 - 146				
Surr: 1,2-Dichloroethane-d4	51.5	µg/L	SW8260C			50.00		103	72 - 151				
Surr: 4-Bromofluorobenzene	49.6	µg/L	SW8260C			50.00		99.2	80 - 128				
Surr: Dibromofluoromethane	48.9	µg/L	SW8260C			50.00		97.7	80 - 124				
Surr: Toluene-d8	49.3	µg/L	SW8260C			50.00		98.7	77 - 129				

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1503120
Project: March Groundwater 2015

Contact: Garrin Palmer
Dept: MSVOA
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1503121-001AMSD Date Analyzed: 03/10/2015 948h													
Test Code: 8260-W-DEN100													
Chloroform	22.2	µg/L	SW8260C	0.153	1.00	20.00	0	111	50 - 146	20	10.5	25	
Surr: 1,2-Dichloroethane-d4	51.8	µg/L	SW8260C			50.00		104	72 - 151				
Surr: 4-Bromofluorobenzene	51.4	µg/L	SW8260C			50.00		103	80 - 128				
Surr: Dibromofluoromethane	49.5	µg/L	SW8260C			50.00		99.0	80 - 124				
Surr: Toluene-d8	50.3	µg/L	SW8260C			50.00		101	77 - 129				
Lab Sample ID: 1503120-003DMSD Date Analyzed: 03/10/2015 1047h													
Test Code: 8260-W-DEN100													
Chloroform	1,440	µg/L	SW8260C	3.06	20.0	400.0	1020	105	50 - 146	1490	3.85	25	
Surr: 1,2-Dichloroethane-d4	1,030	µg/L	SW8260C			1,000		103	72 - 151				
Surr: 4-Bromofluorobenzene	1,020	µg/L	SW8260C			1,000		102	80 - 128				
Surr: Dibromofluoromethane	991	µg/L	SW8260C			1,000		99.1	80 - 124				
Surr: Toluene-d8	1,000	µg/L	SW8260C			1,000		100	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1503120**

Client: Energy Fuels Resources, Inc. Due Date: 3/18/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **March Groundwater 2015** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). Groundwater project specific DL's: Assumes dilution of 2 for U, 5 for Be, Fe, Pb, and Tl, and 20X for others for required 200.8 PQLs. Run 200.8 on the Agilent. EDD-Denison and EIM-Locus. Email Group.; DB

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1503120-001A	**MW-11_03032015**	3/3/2015 1140h	3/9/2015 1125h	**200.8-DIS**	Aqueous	☑	df-met	1
				1 SEL Analytes: MN				
				200.8-DIS-PR		☑	df-met	
1503120-002A	**MW-25_03042015**	3/4/2015 1050h	3/9/2015 1125h	**200.8-DIS**	Aqueous	☑	df - met	1
				2 SEL Analytes: CD U				
				200.8-DIS-PR		☐	df - met	
1503120-003A	**MW-26_03042015**	3/4/2015 1300h	3/9/2015 1125h	**200.8-DIS**	Aqueous	☑	df - met	1
				1 SEL Analytes: U				
				200.8-DIS-PR		☐	df - met	
1503120-003B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				
1503120-003C				**300.0-W**		☑	df - cl	
				1 SEL Analytes: CL				
1503120-003D				**8260-W-DEN100**		☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 3 / # of Surr: 4				
1503120-004A	**MW-30_03032015**	3/3/2015 1550h	3/9/2015 1125h	**200.8-DIS**	Aqueous	☑	df - met	1
				2 SEL Analytes: SE U				
				200.8-DIS-PR		☐	df - met	
1503120-004B				**NH3-W-350.1**		☑	df - no2/no3 / nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☐	df - no2/no3 / nh3	
				NO2/NO3-W-353.2		☑	df - no2/no3 / nh3	
				1 SEL Analytes: NO3NO2N				
1503120-004C				**300.0-W**		☑	df - cl	
				1 SEL Analytes: CL				
1503120-005A	**MW-31_03032015**	3/3/2015 1305h	3/9/2015 1125h	**200.8-DIS**	Aqueous	☑	df - met	1
				1 SEL Analytes: SE				
				200.8-DIS-PR		☐	df - met	
1503120-005B				**NO2/NO3-W-353.2**		☑	df - no2/no3	
				1 SEL Analytes: NO3NO2N				

Printed: 3/10/2015 FOR LABORATORY USE ONLY [fill out on page 1]: %M ✓ RT ✓ CN ✓ TAT ✓ QC ✓ HOK_____ HOK_____ HOK_____ COC Emailed_____

WORK ORDER Summary

Work Order: **1503120**

Client: Energy Fuels Resources, Inc. Due Date: 3/18/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1503120-005C	**MW-31_03032015**	3/3/2015 1305h	3/9/2015 1125h	**300.0-W**	Aqueous	☑	df - cl	1
				2 SEL Analytes: CL SO4				
1503120-005D				**TDS-W-2540C**		☑	df - tds	
				1 SEL Analytes: TDS				
1503120-006A	**MW-35_03042015**	3/4/2015 1230h	3/9/2015 1125h	**200.8-DIS**	Aqueous	☑	df - met	1
				4 SEL Analytes: MN SE TL U				
				200.8-DIS-PR		☐	df - met	
1503120-007A	**MW-65_03042015**	3/4/2015 1230h	3/9/2015 1125h	**200.8-DIS**	Aqueous	☑	df - met	1
				4 SEL Analytes: MN SE TL U				
				200.8-DIS-PR		☐	df - met	
1503120-008A	**Trip Blank**	3/4/2015	3/9/2015 1125h	**8260-W-DEN100**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 3 / # of Surr: 4				

AMERICAN WEST ANALYTICAL LABORATORIES

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WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

1503120
AWAL LAB SAMPLE SET #
PAGE 1 OF 1

CLIENT:	Energy Fuels Resources, Inc.
ADDRESS:	6425 S. Hwy. 191
	Blanding, UT 84511
CONTACT:	Garrin Palmer
PHONE #:	(435) 678-2221 CELL #:
EMAIL:	gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
PROJECT NAME:	March Groundwater 2015
PROJECT #:	
PO #:	
SAMPLER NAME:	Tanner Holliday

QC LEVEL: 3
TURN AROUND TIME: STANDARD
UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY 5:00 PM ON THE DAY THEY ARE DUE.
DUE DATE:

X INCLUDE EDD: LOCUS UPLOAD EXCEL
X FIELD FILTERED FOR: Dissolved Metals

FOR COMPLIANCE WITH:
☐ NELAP
☐ RCRA
☐ CWA
☐ SDWA
☐ ELAP / A2LA
☐ NLLAP
☐ NON-COMPLIANCE
☐ OTHER:

	SAMPLE ID:	DATE SAMPLED	TIME SAMPLED	# OF CONTAINERS	SAMPLE MATRIX	NO2/NO3 (353.2)	Dissolved Manganese (200.7/200.8)	Cl (4500 or 300.0)	NH3 (4500G or 350.1)	TDS (2540C)	Dissolved Uranium (200.7/200.8)	Dissolved Cadmium (200.7/200.8)	Dissolved Selenium (200.7/200.8)	Dissolved Thallium (200.7/200.8)	SO_4 (4500 or 300.0)	VOCs Chloroform, Dichloromethane, Carbon tetrachloride (8260C)	KNOWN HAZARDS & SAMPLE COMMENTS
1	MW-11_03032015	3/3/2015	1140	1	W		X										
3	MW-25_03042015	3/4/2015	1050	1	W						X	X					
4	MW-26_03042015	3/4/2015	1300	6	W	X		X			X					X	
5	MW-30_03032015	3/3/2015	1550	3	W	X		X	X		X		X				
6	MW-31_03032015	3/3/2015	1305	4	W	X		X		X			X		X		
7	MW-35_03042015	3/4/2015	1230	1	W		X				X		X	X			
8	MW-65_03042015	3/4/2015	1230	1	W		X				X		X	X			
9	TRIP BLANK	3/4/2015		3	W											X	Trip blank received broken at check-in DB 3/9/15
10	TEMP BLANK	3/5/2015															
11																	
12																	

LABORATORY USE ONLY

SAMPLES WERE: FedEx
(SHIPPED) OR HAND DELIVERED
2 AMBIENT OR (CHILLED)
3 TEMPERATURE 3.6 °C
4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) Y (N)
5 PROPERLY PRESERVED (Y) N
CHECKED AT BENCH Y N
6 RECEIVED WITHIN HOLDING TIMES (Y) N

1 PRESENT ON OUTER PACKAGE Y N (NA)
2 UNBROKEN ON OUTER PACKAGE Y N (NA)
3 PRESENT ON SAMPLE Y N (NA)
4 UNBROKEN ON SAMPLE Y N (NA)

DISCREPANCIES BETWEEN SAMPLE LABELS AND COC RECORD? Y (N)

RELINQUISHED BY: SIGNATURE / PRINT NAME:	Tanner Holliday / Tanner Holliday	DATE: 3/5/2015 TIME: 1000	RECEIVED BY: SIGNATURE / PRINT NAME:	DATE: TIME:
RELINQUISHED BY: SIGNATURE / PRINT NAME:		DATE: TIME:	RECEIVED BY: SIGNATURE / PRINT NAME:	DATE: TIME:
RELINQUISHED BY: SIGNATURE / PRINT NAME:		DATE: TIME:	RECEIVED BY: SIGNATURE / PRINT NAME:	DATE: TIME:
RELINQUISHED BY: SIGNATURE / PRINT NAME:		DATE: TIME:	RECEIVED BY: SIGNATURE / PRINT NAME: Denise Brown / Denise Brown	DATE: 3/9/15 TIME: 11:25

SPECIAL INSTRUCTIONS:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Lab Set ID: 1503120

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	-001	-002	-003	-004	-005	-006	-007										
Ammonia	pH <2 H_2SO_4				yes													
COD	pH <2 H_2SO_4																	
Cyanide	pH >12 NaOH																	
Metals	pH <2 HNO_3	yes	yes	yes	yes	yes	yes	yes										
NO_2 & NO_3	pH <2 H_2SO_4			yes	yes	yes												
O & G	pH <2 HCL																	
Phenols	pH <2 H_2SO_4																	
Sulfide	pH > 9NaOH, Zn Acetate																	
TKN	pH <2 H_2SO_4																	
T PO_4	pH <2 H_2SO_4																	

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved

▲ The Sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference

GEL Laboratories LLC
a member of The GEL Group INC

PO Box 30712 Charleston, SC 29417
2040 Savage Road Charleston, SC 29407
P 843.556.8171 F 843.766.1178

www.gel.com

April 06, 2015

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: White Mesa Mill GW
Work Order: 368301

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 09, 2015. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4487.

Sincerely,

Julie Robinson

Julie Robinson for
Sylainna Rivers
Project Manager

Purchase Order: DW16138
Enclosures

Energy Fuels Resources (USA), Inc.
White Mesa Mill GW
SDG: 368301

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 368301

April 06, 2015

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary:

Sample receipt: The samples arrived at GEL Laboratories LLC, Charleston, South Carolina on March 09, 2015 for analysis. The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Sample Identification: The laboratory received the following samples:

Laboratory ID	Client ID
368301001	MW-35_03042015
368301002	MW-65_03042015

Case Narrative:

Sample analyses were conducted using methodology as outlined in GEL's Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

The enclosed data package contains the following sections: Case Narrative, Chain of Custody, Cooler Receipt Checklist, Data Package Qualifier Definitions and data from the following fractions: Radiochemistry.

Julie Robinson for
Sylainna Rivers
Project Manager

368301

Sheet 1 of 2

CHAIN OF CUSTODY

Samples Shipped to: Gel Laboratories
2040 Savage Road
Charleston, SC 29407

Contact: Garrin Palmer
Ph: 435.678.4115
gpalmer@energyfuels.com

Chain of Custody/Sampling Analysis Request

Project	Samplers Name	Samplers Signature
March Monthly Groundwater 2015	Garrin Palmer	

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-35_03042015	3/4/2015	1230	Gross Alpha
MW-65_03042015	3/4/2015	1230	Gross Alpha

Comments: Please send report to Kathy Weinel at kweinel@energyfuels.com

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
	3/5/15 1000		3/9/15 8:40
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DNMI	**SDG/AR/COC/Work Order:** 368301 / 368302
Received By: SHANTA MACK	**Date Received:** 3/9/15 8:40

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
COC/Samples marked as radioactive?		–	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 6 cpm
Classified Radioactive II or III by RSO?		–	If yes, Were swipes taken of sample contatiners < action levels?
COC/Samples marked containing PCBs?		–	
Package, COC, and/or Samples marked as beryllium or asbestos containing?		–	If yes, samples are to be segregeated as Safety Controlled Samples, and opened by the GEL Safety Group.
Shipped as a DOT Hazardous?		–	Hazard Class Shipped: UN#:
Samples identified as Foreign Soil?		–	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	–			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2	Samples requiring cold preservation within (0 ≤ 6 deg. C)?*		–		Preservation Method: Ice bags Blue ice Dry ice None Other (describe) *all temperatures are recorded in Celsius 15C
2a	Daily check performed and passed on IR temperature gun?	–			Temperature Device Serial #: 130462962 Secondary Temperature Device Serial # (If Applicable):
3	Chain of custody documents included with shipment?	–			
4	Sample containers intact and sealed?	–			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	–			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?		–		Sample ID's and containers affected:
7	Are Encore containers present?			–	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?	–			ID's and tests affected:
9	Sample ID's on COC match ID's on bottles?	–			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	–			Sample ID's affected:
11	Number of containers received match number indicated on COC?	–			Sample ID's affected:
12	Are sample containers identifiable as GEL provided?	–			–
13	COC form is properly signed in relinquished/received sections?	–			
14	Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground UPS Field Services Courier Other 8039 7122 2992

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials SR Date 3/9/15 Page 1 of 1

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 368301 **March Monthly Groundwater 2015**
Client SDG: 368301
Project Manager: Sylainna Rivers
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 06-APR-15
Package Due Date: 03-APR-15
EDD Due Date: 06-APR-15
Due Date: 06-APR-15
SXK1

Collector: C
Prelogin #: 20150327860
Project Workdef ID: 1294356
SDG Status: Closed
Logged by:

GEL ID	Client Sample ID	Client Sample Desc.	Collect Date & Time	Receive Date & Time	Time Zone	# of Cont.	Lab Matrix	Fax Due Date	Days to Process	CofC #	Prelog Group	Lab QC	Field QC
368301001	MW-35_03042015		04-MAR-15 12:30	09-MAR-15 08:40	-2	1	GROUND WATER		20		1		
368301002	MW-65_03042015		04-MAR-15 12:30	09-MAR-15 08:40	-2	1	GROUND WATER		20		1		

	Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
-001	MW-35_03042015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
							Temperature (C)	15	
-002	MW-65_03042015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
							Temperature (C)	15	

Product: GFCTORAL **Workdef ID:** 1297250 **In Product Group?** No **Group Name:** **Group Reference:**
Method: EPA 900.1 Modified
Product Description: GFPC, Total Alpha Radium, Liquid
Samples: 001, 002
Parmname Check: All parmnames scheduled properly
Path: Standard
Product Reference: Gross Alpha
Moisture Correction: "As Received"

CAS #	Parmname	Client RDL or PQL & Unit	Reporting Units	Parm Function	Included in Sample?	Included in QC?	Custom List?
	Gross Radium Alpha	1	pCi/L	REG	Y	Y	Yes

	Action	Product Name	Description	Samples
Contingent Tests				

GEL Laboratories LLC – Login Review Report

Login Requirements:

Requirement	Include?	Comments

Peer Review by:_____ Work Order (SDG#), PO# Checked?_____ C of C signed in receiver location? _____

List of current GEL Certifications as of 06 April 2015

State	Certification
Alaska	UST-110
Arkansas	88-0651
CLIA	42D0904046
California	2940 Interim
Colorado	SC00012
Connecticut	PH-0169
Delaware	SC000122013-10
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	P330-12-00283, P330-12-00284
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC000122013-10
Idaho Chemistry	SC00012
Idaho Radiochemistry	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	90129
Kentucky Wastewater	90129
Louisiana NELAP	03046 (AI33904)
Louisiana SDWA	LA150001
Maryland	270
Massachusetts	M-SC012
Michigan	9976
Mississippi	SC000122013-10
Nebraska	NE-OS-26-13
Nevada	SC000122014-1
New Hampshire NELAP	2054
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
Oklahoma	9904
Pennsylvania NELAP	68-00485
Plant Material Permit	PDEP-12-00260
S.Carolina Radchem	10120002
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235-15-10
Utah NELAP	SC000122014-16
Vermont	VT87156
Virginia NELAP	460202
Washington	C780-12

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 368301

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1464191

Sample ID	Client ID
368301001	MW-35_03042015
368301002	MW-65_03042015
1203281029	Method Blank (MB)
1203281033	Laboratory Control Sample (LCS)
1203281030	368301002(MW-65_03042015) Sample Duplicate (DUP)
1203281031	368301002(MW-65_03042015) Matrix Spike (MS)
1203281032	368301002(MW-65_03042015) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-010 REV# 15.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 368301002 (MW-65_03042015).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries
All chemical recoveries meet the required acceptance limits for this sample set.

Recounts
Samples 1203281029 (MB), 1203281030 (MW-65_03042015DUP), 368301001 (MW-35_03042015) and 368301002 (MW-65_03042015) were recounted due to high MDCs. The recounts are reported.

Miscellaneous Information:

Data Exception (DER) Documentation
Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Manual Integration
No manual integrations were performed on data in this batch.

Sample-Specific MDA/MDC
The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments
The matrix spike and matrix spike duplicate, 1203281031 (MW-65_03042015MS) and 1203281032 (MW-65_03042015MSD), aliquots were reduced to conserve sample volume.

Qualifier Information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

DNMI001 Energy Fuels Resources (USA), Inc.

Client SDG: 368301 GEL Work Order: 368301

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the CRDL.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature: Heather McCarty **Name:** **Heather McCarty**

Date: **28 MAR 2015** **Title:** **Analyst II**

GEL LABORATORIES LLC

2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: March 28, 2015

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

Contact: **Ms. Kathy Weinel**

Workorder: **368301**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1464191										
QC1203281030 368301002 DUP										
Gross Radium Alpha		4.69		5.11	pCi/L	8.50		(0%-20%)	AXM6	03/20/15 11:04
	Uncertainty	+/-0.665		+/-0.638						
QC1203281033 LCS										
Gross Radium Alpha	413			357	pCi/L		86.6	(75%-125%)		03/19/15 16:00
	Uncertainty			+/-6.37						
QC1203281029 MB										
Gross Radium Alpha			U	0.529	pCi/L					03/20/15 11:04
	Uncertainty			+/-0.282						
QC1203281031 368301002 MS										
Gross Radium Alpha	1660	4.69		1920	pCi/L		115	(75%-125%)		03/19/15 16:00
	Uncertainty	+/-0.665		+/-35.6						
QC1203281032 368301002 MSD										
Gross Radium Alpha	1660	4.69		1740	pCi/L	10.1	104	(0%-20%)		03/19/15 16:00
	Uncertainty	+/-0.665		+/-27.7						

Notes:

Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

The Qualifiers in this report are defined as follows:

**	Analyte is a surrogate compound
<	Result is less than value reported
>	Result is greater than value reported
A	The TIC is a suspected aldol-condensation product
B	For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
BD	Results are either below the MDC or tracer recovery is low
C	Analyte has been confirmed by GC/MS analysis
D	Results are reported from a diluted aliquot of the sample
F	Estimated Value
H	Analytical holding time was exceeded
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.
M	M if above MDC and less than LLD
M	Matrix Related Failure
N/A	RPD or %Recovery limits do not apply.
N1	See case narrative
ND	Analyte concentration is not detected above the detection limit

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Workorder: 368301

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
R	Sample results are rejected
U	Analyte was analyzed for, but not detected above the CRDL.
UI	Gamma Spectroscopy--Uncertain identification
UJ	Gamma Spectroscopy--Uncertain identification
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y	QC Samples were not spiked with this compound
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
h	Preparation or preservation holding time was exceeded

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Tab G

Quality Assurance and Data Validation Tables

G-1A: Quarterly Field Data QA/QC Evaluation

Well	Sample Date	Time Req'd for 2 Casings	Time Pumped (min)	Amount Sufficient?	Specific Conductance		RPD(%)	pH		RPD(%)	Temp (°C)		RPD(%)	Redox Potential (Eh)		RPD(%)	Turbidity (NTU)		>5 NTU	RPD(%)
MW-01	2/10/2015	182.34	185	Y	1930	1928	0.10	6.63	6.66	0.45	15.25	15.19	0.39	232	229	1.30	0	0	N	0.00
MW-03	2/11/2015	50.49	55	Y	5717	5715	0.03	6.13	6.12	0.16	14.58	14.57	0.07	271	271	0.00	0.0	0.0	N	0.00
MW-03A	2/12/2015	70.06	80	Pumped dry	5884	5890	0.10	6.10	6.15	0.82	13.25	13.35	0.75	NM		NC	NM		N	NC
MW-05	2/10/2015	176.15	180	Y	1320	1315	0.38	6.97	6.99	0.29	14.55	14.56	0.07	273	270	1.10	0	0	N	0.00
MW-11	2/3/2015	262.64	270	Y	2854	2857	0.11	7.09	7.10	0.14	14.47	14.48	0.07	190	185	2.67	6.4	6.3	Y	1.57
MW-12	2/9/2015	132.70	140	Y	4207	4206	0.02	6.34	6.33	0.16	14.86	14.85	0.07	252	250	0.80	5.7	5.7	Y	0.00
MW-14	2/3/2015	153.40	155	Y	3870	3875	0.13	6.44	6.44	0.00	14.01	13.98	0.21	279	279	0.00	0	0	N	0.00
MW-15	2/4/2015	185.48	190	Y	4262	4252	0.23	6.48	6.50	0.31	14.51	14.50	0.07	283	282	0.35	0	0	N	0.00
MW-18	2/3/2015	376.75	390	Y	3453	3461	0.23	6.29	6.27	0.32	14.10	14.11	0.07	279	275	1.44	2.1	2.1	N	0.00
MW-19	2/2/2015	534.43	540	Y	1520	1518	0.13	6.45	6.45	0.00	14.68	14.66	0.14	303	303	0.00	0.0	0.0	N	0.00
MW-23	2/10/2015	121.62	125	Pumped dry	3865	3870	0.13	6.54	6.53	0.15	17.03	17.05	0.12	254	250	1.59	0.0	0.0	N	0.00
MW-24	2/12/2015	44.55	60.0	Pumped dry	4413	4419	0.14	6.27	6.21	0.96	13.53	13.65	0.88	NM		NC	NM		N	NC
MW-25	2/4/2015	238.32	245	Y	3020	3019	0.03	6.45	6.46	0.15	14.36	14.35	0.07	283	283	0.00	8.1	8.2	Y	1.23
MW-26	2/11/2015	NA			3453		NC	6.20		NC	15.65		NC	265		NC	0.5		N	NC
MW-27	2/9/2015	247.95	270	Y	1483	1481	0.13	6.80	6.82	0.29	14.72	14.71	0.07	291	291	0.00	0.0	0.0	N	0.00
MW-28	2/9/2015	207.63	210	Y	3864	3865	0.03	5.88	5.86	0.34	14.39	14.37	0.14	291	290	0.34	4.0	4.1	N	2.47
MW-29	2/10/2015	156.17	190	Y	4631	4634	0.06	6.43	6.42	0.16	14.46	14.41	0.35	214	210	1.89	0	0	N	0.00
MW-30	2/4/2015	207.87	210	Y	2048	2048	0.00	6.57	6.59	0.30	14.36	14.35	0.07	271	270	0.37	0	0	N	0.00
MW-31	2/2/2015	370.49	375	Y	2140	2139	0.05	6.39	6.42	0.47	14.85	14.89	0.27	306	305	0.33	0	0.0	N	0.00
MW-32	2/9/2015	335.52	360	Y	3808	3811	0.08	6.30	6.29	0.16	14.55	14.57	0.14	88	90	2.25	6.0	6.0	Y	0.00
MW-35	2/5/2015	72.44	75	Y	4131	4129	0.05	6.52	6.53	0.15	13.53	13.55	0.15	258	255	1.17	0	0	N	0.00
MW-36	2/10/2015	67.70	75	Y	4860	4862	0.04	6.72	6.71	0.15	15.95	15.90	0.31	259	259	0.00	0	0	N	0.00
MW-37	3/5/2015	N/A	N/A	Bailed dry	4327	4340	0.30	6.60	6.61	0.15	14.35	14.40	0.35	NM		NC	NM		N	NC

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.

MW-26 is a continuously pumped well.

Well was purged dry.

N/A = The amount of water in the well was insufficient to purge. The pump was not able to operate due to the minimal amount of water. The well was purged and sampled with a bailer.

NM = Not Measured. The QAP does not require the measurement of redox potential or turbidity in wells that were purged to dryness.

NC = Not calculated.

Well was purged dry after 2 casing volumes were removed.

G-1B: Acelerated Field Data QA/QC Evaluation

Well	Sample Date	Time Req'd for 2 Casings	Time Pumped (min)	Amount Sufficient?	Specific Conductance		RPD(%)	pH		RPD(%)	Temp (°C)		RPD(%)	Redox Potential (Eh)		RPD(%)	Turbidity (NTU)		<5 (NTU)	RPD(%)
Accelerated January Monthly																				
MW-11	1/21/2015	263.42	270	Y	2931	2933	0.07	6.89	6.91	0.29	14.24	14.25	0.07	315	309	1.92	0	0	Y	0.00
MW-14	1/21/2015	153.47	155	Y	3873	3866	0.18	6.49	6.49	0.00	14.05	14.10	0.36	266	269	1.12	0	0	Y	0.00
MW-25	1/20/2015	238.57	240	Y	3179	3172	0.22	6.17	6.19	0.32	14.68	14.65	0.20	387	384	0.78	7	7.1	N	1.42
MW-26	1/21/2015	NA			3350		NC	6.25		NC	13.75		NC	357		NC	0		Y	NC
MW-30	1/21/2015	208.89	210	Y	2042	2045	0.15	6.39	6.41	0.31	14.25	14.22	0.21	381	379	0.53	0	0	Y	0.00
MW-31	1/20/2015	371.03	380	Y	2131	2130	0.05	6.47	6.49	0.31	14.23	14.23	0.00	355	351	1.13	3.6	3.7	Y	2.74
MW-35	1/20/2015	74.08	80	Y	4141	4142	0.02	6.21	6.22	0.16	14.04	14.03	0.07	374	370	1.08	0	0	Y	0.00
Accelerated March Monthly																				
MW-11	3/3/2015	264.57	270	Y	2892	2895	0.10	6.75	6.80	0.74	14.44	14.43	0.07	288	285	1.05	0	0	Y	0.00
MW-14	3/5/2015	152.14	155	Y	3878	3880	0.05	6.06	6.05	0.17	13.98	14.00	0.14	255	253	0.79	0	0	Y	0.00
MW-25	3/4/2015	237.53	240	Y	3168	3169	0.03	6.31	6.32	0.16	14.48	14.47	0.07	315	315	0.00	0	0	Y	0.00
MW-26	3/4/2015	NA			3433		NC	6.23			15.03			273			0.0		Y	NC
MW-30	3/3/2015	209.98	210	Y	2035	2036	0.05	6.29	6.32	0.48	13.90	13.96	0.43	297	295	0.68	0	0	Y	0.00
MW-31	3/3/2015	371.93	375	Y	2136	2136	0.00	6.35	6.40	0.78	14.05	14.04	0.07	286	282	1.41	0	0.0	Y	0.00
MW-35	3/4/2015	72.82	75	Y	4129	4133	0.10	6.26	6.26	0.00	14.24	14.21	0.21	301	300	0.33	0	0	Y	0.00

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.

MW-26 is a continuously pumped well.

G-2A: Quarterly Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
Trip Blank	Toluene	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Tetrahydrofuran	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Xylenes, Total	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Carbon tetrachloride	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Acetone	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Chloroform	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Benzene	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Chloromethane	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Methylene chloride	2/3/2015	2/6/2015	3	14	OK
Trip Blank	2-Butanone	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Naphthalene	2/3/2015	2/6/2015	3	14	OK
Trip Blank	Toluene	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Tetrahydrofuran	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Xylenes, Total	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Carbon tetrachloride	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Acetone	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Chloroform	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Benzene	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Chloromethane	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Methylene chloride	2/10/2015	2/13/2015	3	14	OK
Trip Blank	2-Butanone	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Naphthalene	2/10/2015	2/13/2015	3	14	OK
Trip Blank	Toluene	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Tetrahydrofuran	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Xylenes, Total	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Carbon tetrachloride	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Acetone	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Chloroform	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Benzene	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Chloromethane	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Methylene chloride	3/5/2015	3/9/2015	4	14	OK
Trip Blank	2-Butanone	3/5/2015	3/9/2015	4	14	OK
Trip Blank	Naphthalene	3/5/2015	3/9/2015	4	14	OK
MW-01	Manganese	2/10/2015	2/24/2015	14	180	OK
MW-01	Sulfate	2/10/2015	2/19/2015	9	28	OK
MW-01	Tetrahydrofuran	2/10/2015	2/13/2015	3	14	OK
MW-03	Nitrate/Nitrite (as N)	2/11/2015	2/19/2015	8	28	OK
MW-03	Selenium	2/11/2015	2/24/2015	13	180	OK
MW-03	Fluoride	2/11/2015	2/19/2015	8	28	OK
MW-03	Sulfate	2/11/2015	2/18/2015	7	28	OK
MW-03A	Total Dissolved Solids	2/12/2015	2/13/2015	1	7	OK
MW-03A	Nitrate/Nitrite (as N)	2/12/2015	2/19/2015	7	28	OK
MW-03A	Selenium	2/12/2015	2/24/2015	12	180	OK
MW-03A	Sulfate	2/12/2015	2/18/2015	6	28	OK
MW-05	Uranium	2/10/2015	2/24/2015	14	180	OK
MW-11	Toluene	2/3/2015	2/6/2015	3	14	OK
MW-11	Tetrahydrofuran	2/3/2015	2/6/2015	3	14	OK
MW-11	Xylenes, Total	2/3/2015	2/6/2015	3	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-11	Sulfate	2/3/2015	2/11/2015	8	28	OK
MW-11	Chloride	2/3/2015	2/11/2015	8	28	OK
MW-11	Fluoride	2/3/2015	2/11/2015	8	28	OK
MW-11	Carbon tetrachloride	2/3/2015	2/6/2015	3	14	OK
MW-11	Acetone	2/3/2015	2/6/2015	3	14	OK
MW-11	Chloroform	2/3/2015	2/6/2015	3	14	OK
MW-11	Benzene	2/3/2015	2/6/2015	3	14	OK
MW-11	Chloromethane	2/3/2015	2/6/2015	3	14	OK
MW-11	Iron	2/3/2015	2/13/2015	10	180	OK
MW-11	Lead	2/3/2015	2/13/2015	10	180	OK
MW-11	Magnesium	2/3/2015	2/14/2015	11	180	OK
MW-11	Manganese	2/3/2015	2/6/2015	3	180	OK
MW-11	Mercury	2/3/2015	2/10/2015	7	180	OK
MW-11	Molybdenum	2/3/2015	2/6/2015	3	180	OK
MW-11	Nickel	2/3/2015	2/6/2015	3	180	OK
MW-11	Potassium	2/3/2015	2/14/2015	11	180	OK
MW-11	Silver	2/3/2015	2/6/2015	3	180	OK
MW-11	Sodium	2/3/2015	2/14/2015	11	180	OK
MW-11	Thallium	2/3/2015	2/13/2015	10	180	OK
MW-11	Tin	2/3/2015	2/16/2015	13	180	OK
MW-11	Arsenic	2/3/2015	2/6/2015	3	180	OK
MW-11	Beryllium	2/3/2015	2/13/2015	10	180	OK
MW-11	Cadmium	2/3/2015	2/6/2015	3	180	OK
MW-11	Chromium	2/3/2015	2/6/2015	3	180	OK
MW-11	Cobalt	2/3/2015	2/6/2015	3	180	OK
MW-11	Copper	2/3/2015	2/6/2015	3	180	OK
MW-11	Uranium	2/3/2015	2/13/2015	10	180	OK
MW-11	Vanadium	2/3/2015	2/14/2015	11	180	OK
MW-11	Zinc	2/3/2015	2/16/2015	13	180	OK
MW-11	Calcium	2/3/2015	2/14/2015	11	180	OK
MW-11	Methylene chloride	2/3/2015	2/6/2015	3	14	OK
MW-11	Ammonia (as N)	2/3/2015	2/20/2015	17	28	OK
MW-11	Selenium	2/3/2015	2/16/2015	13	180	OK
MW-11	2-Butanone	2/3/2015	2/6/2015	3	14	OK
MW-11	Naphthalene	2/3/2015	2/6/2015	3	14	OK
MW-11	Bicarbonate (as CaCO3)	2/3/2015	2/10/2015	7	14	OK
MW-11	Carbonate (as CaCO3)	2/3/2015	2/10/2015	7	14	OK
MW-11	Nitrate/Nitrite (as N)	2/3/2015	2/10/2015	7	28	OK
MW-11	Total Dissolved Solids	2/3/2015	2/6/2015	3	7	OK
MW-11	Gross Radium Alpha	2/3/2015	3/4/2015	29	180	OK
MW-12	Selenium	2/9/2015	2/24/2015	15	180	OK
MW-14	Toluene	2/3/2015	2/6/2015	3	14	OK
MW-14	Tetrahydrofuran	2/3/2015	2/6/2015	3	14	OK
MW-14	Xylenes, Total	2/3/2015	2/6/2015	3	14	OK
MW-14	Sulfate	2/3/2015	2/11/2015	8	28	OK
MW-14	Chloride	2/3/2015	2/11/2015	8	28	OK
MW-14	Fluoride	2/3/2015	2/11/2015	8	28	OK
MW-14	Carbon tetrachloride	2/3/2015	2/6/2015	3	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-14	Acetone	2/3/2015	2/6/2015	3	14	OK
MW-14	Chloroform	2/3/2015	2/6/2015	3	14	OK
MW-14	Benzene	2/3/2015	2/6/2015	3	14	OK
MW-14	Chloromethane	2/3/2015	2/6/2015	3	14	OK
MW-14	Iron	2/3/2015	2/13/2015	10	180	OK
MW-14	Lead	2/3/2015	2/13/2015	10	180	OK
MW-14	Magnesium	2/3/2015	2/14/2015	11	180	OK
MW-14	Manganese	2/3/2015	2/16/2015	13	180	OK
MW-14	Mercury	2/3/2015	2/10/2015	7	180	OK
MW-14	Molybdenum	2/3/2015	2/6/2015	3	180	OK
MW-14	Nickel	2/3/2015	2/6/2015	3	180	OK
MW-14	Potassium	2/3/2015	2/14/2015	11	180	OK
MW-14	Silver	2/3/2015	2/6/2015	3	180	OK
MW-14	Sodium	2/3/2015	2/14/2015	11	180	OK
MW-14	Thallium	2/3/2015	2/13/2015	10	180	OK
MW-14	Tin	2/3/2015	2/16/2015	13	180	OK
MW-14	Arsenic	2/3/2015	2/6/2015	3	180	OK
MW-14	Beryllium	2/3/2015	2/13/2015	10	180	OK
MW-14	Cadmium	2/3/2015	2/6/2015	3	180	OK
MW-14	Chromium	2/3/2015	2/6/2015	3	180	OK
MW-14	Cobalt	2/3/2015	2/6/2015	3	180	OK
MW-14	Copper	2/3/2015	2/6/2015	3	180	OK
MW-14	Uranium	2/3/2015	2/13/2015	10	180	OK
MW-14	Vanadium	2/3/2015	2/14/2015	11	180	OK
MW-14	Zinc	2/3/2015	2/16/2015	13	180	OK
MW-14	Calcium	2/3/2015	2/14/2015	11	180	OK
MW-14	Methylene chloride	2/3/2015	2/6/2015	3	14	OK
MW-14	Ammonia (as N)	2/3/2015	2/6/2015	3	28	OK
MW-14	Selenium	2/3/2015	2/16/2015	13	180	OK
MW-14	2-Butanone	2/3/2015	2/6/2015	3	14	OK
MW-14	Naphthalene	2/3/2015	2/6/2015	3	14	OK
MW-14	Bicarbonate (as CaCO3)	2/3/2015	2/10/2015	7	14	OK
MW-14	Carbonate (as CaCO3)	2/3/2015	2/10/2015	7	14	OK
MW-14	Nitrate/Nitrite (as N)	2/3/2015	2/10/2015	7	28	OK
MW-14	Total Dissolved Solids	2/3/2015	2/6/2015	3	7	OK
MW-14	Gross Radium Alpha	2/3/2015	3/4/2015	29	180	OK
MW-15	Selenium	2/4/2015	2/16/2015	12	180	OK
MW-18	Total Dissolved Solids	2/3/2015	2/6/2015	3	7	OK
MW-18	Thallium	2/3/2015	2/16/2015	13	180	OK
MW-18	Sulfate	2/3/2015	2/11/2015	8	28	OK
MW-19	Gross Radium Alpha	2/2/2015	3/4/2015	30	180	OK
MW-19	Nitrate/Nitrite (as N)	2/2/2015	2/10/2015	8	28	OK
MW-24	Cadmium	2/12/2015	2/24/2015	12	180	OK
MW-24	Thallium	2/12/2015	2/24/2015	12	180	OK
MW-24	Fluoride	2/12/2015	2/19/2015	7	28	OK
MW-24	Sulfate	2/12/2015	2/18/2015	6	28	OK
MW-25	Toluene	2/4/2015	2/6/2015	2	14	OK
MW-25	Tetrahydrofuran	2/4/2015	2/6/2015	2	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-25	Xylenes, Total	2/4/2015	2/6/2015	2	14	OK
MW-25	Sulfate	2/4/2015	2/11/2015	7	28	OK
MW-25	Chloride	2/4/2015	2/11/2015	7	28	OK
MW-25	Fluoride	2/4/2015	2/11/2015	7	28	OK
MW-25	Carbon tetrachloride	2/4/2015	2/6/2015	2	14	OK
MW-25	Acetone	2/4/2015	2/6/2015	2	14	OK
MW-25	Chloroform	2/4/2015	2/6/2015	2	14	OK
MW-25	Benzene	2/4/2015	2/6/2015	2	14	OK
MW-25	Chloromethane	2/4/2015	2/6/2015	2	14	OK
MW-25	Iron	2/4/2015	2/13/2015	9	180	OK
MW-25	Lead	2/4/2015	2/13/2015	9	180	OK
MW-25	Magnesium	2/4/2015	2/14/2015	10	180	OK
MW-25	Manganese	2/4/2015	2/6/2015	2	180	OK
MW-25	Mercury	2/4/2015	2/10/2015	6	180	OK
MW-25	Molybdenum	2/4/2015	2/6/2015	2	180	OK
MW-25	Nickel	2/4/2015	2/6/2015	2	180	OK
MW-25	Potassium	2/4/2015	2/14/2015	10	180	OK
MW-25	Silver	2/4/2015	2/6/2015	2	180	OK
MW-25	Sodium	2/4/2015	2/14/2015	10	180	OK
MW-25	Thallium	2/4/2015	2/13/2015	9	180	OK
MW-25	Tin	2/4/2015	2/16/2015	12	180	OK
MW-25	Arsenic	2/4/2015	2/6/2015	2	180	OK
MW-25	Beryllium	2/4/2015	2/13/2015	9	180	OK
MW-25	Cadmium	2/4/2015	2/6/2015	2	180	OK
MW-25	Chromium	2/4/2015	2/6/2015	2	180	OK
MW-25	Cobalt	2/4/2015	2/6/2015	2	180	OK
MW-25	Copper	2/4/2015	2/6/2015	2	180	OK
MW-25	Uranium	2/4/2015	2/13/2015	9	180	OK
MW-25	Vanadium	2/4/2015	2/14/2015	10	180	OK
MW-25	Zinc	2/4/2015	2/16/2015	12	180	OK
MW-25	Calcium	2/4/2015	2/14/2015	10	180	OK
MW-25	Methylene chloride	2/4/2015	2/6/2015	2	14	OK
MW-25	Ammonia (as N)	2/4/2015	2/6/2015	2	28	OK
MW-25	Selenium	2/4/2015	2/16/2015	12	180	OK
MW-25	2-Butanone	2/4/2015	2/6/2015	2	14	OK
MW-25	Naphthalene	2/4/2015	2/6/2015	2	14	OK
MW-25	Bicarbonate (as CaCO3)	2/4/2015	2/10/2015	6	14	OK
MW-25	Carbonate (as CaCO3)	2/4/2015	2/10/2015	6	14	OK
MW-25	Nitrate/Nitrite (as N)	2/4/2015	2/10/2015	6	28	OK
MW-25	Total Dissolved Solids	2/4/2015	2/6/2015	2	7	OK
MW-25	Gross Radium Alpha	2/4/2015	3/4/2015	28	180	OK
MW-26	Gross Radium Alpha	2/11/2015	3/4/2015	21	180	OK
MW-26	Total Dissolved Solids	2/11/2015	2/13/2015	2	7	OK
MW-26	Nitrate/Nitrite (as N)	2/11/2015	2/19/2015	8	28	OK
MW-26	Carbonate (as CaCO3)	2/11/2015	2/16/2015	5	14	OK
MW-26	Bicarbonate (as CaCO3)	2/11/2015	2/16/2015	5	14	OK
MW-26	Naphthalene	2/11/2015	2/13/2015	2	14	OK
MW-26	2-Butanone	2/11/2015	2/13/2015	2	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-26	Selenium	2/11/2015	2/24/2015	13	180	OK
MW-26	Ammonia (as N)	2/11/2015	2/20/2015	9	28	OK
MW-26	Methylene chloride	2/11/2015	2/13/2015	2	14	OK
MW-26	Calcium	2/11/2015	2/19/2015	8	180	OK
MW-26	Zinc	2/11/2015	2/24/2015	13	180	OK
MW-26	Vanadium	2/11/2015	2/19/2015	8	180	OK
MW-26	Uranium	2/11/2015	2/24/2015	13	180	OK
MW-26	Copper	2/11/2015	2/24/2015	13	180	OK
MW-26	Cobalt	2/11/2015	2/24/2015	13	180	OK
MW-26	Chromium	2/11/2015	2/24/2015	13	180	OK
MW-26	Cadmium	2/11/2015	2/24/2015	13	180	OK
MW-26	Beryllium	2/11/2015	2/24/2015	13	180	OK
MW-26	Arsenic	2/11/2015	2/24/2015	13	180	OK
MW-26	Tin	2/11/2015	2/24/2015	13	180	OK
MW-26	Thallium	2/11/2015	2/24/2015	13	180	OK
MW-26	Sodium	2/11/2015	2/19/2015	8	180	OK
MW-26	Silver	2/11/2015	2/24/2015	13	180	OK
MW-26	Potassium	2/11/2015	2/19/2015	8	180	OK
MW-26	Nickel	2/11/2015	2/24/2015	13	180	OK
MW-26	Molybdenum	2/11/2015	2/24/2015	13	180	OK
MW-26	Mercury	2/11/2015	2/17/2015	6	180	OK
MW-26	Manganese	2/11/2015	2/24/2015	13	180	OK
MW-26	Magnesium	2/11/2015	2/19/2015	8	180	OK
MW-26	Lead	2/11/2015	2/24/2015	13	180	OK
MW-26	Iron	2/11/2015	2/24/2015	13	180	OK
MW-26	Chloromethane	2/11/2015	2/13/2015	2	14	OK
MW-26	Benzene	2/11/2015	2/13/2015	2	14	OK
MW-26	Chloroform	2/11/2015	2/16/2015	5	14	OK
MW-26	Acetone	2/11/2015	2/13/2015	2	14	OK
MW-26	Carbon tetrachloride	2/11/2015	2/13/2015	2	14	OK
MW-26	Fluoride	2/11/2015	2/19/2015	8	28	OK
MW-26	Chloride	2/11/2015	2/19/2015	8	28	OK
MW-26	Sulfate	2/11/2015	2/18/2015	7	28	OK
MW-26	Xylenes, Total	2/11/2015	2/13/2015	2	14	OK
MW-26	Tetrahydrofuran	2/11/2015	2/13/2015	2	14	OK
MW-26	Toluene	2/11/2015	2/13/2015	2	14	OK
MW-27	Gross Radium Alpha	2/9/2015	3/4/2015	23	180	OK
MW-27	Total Dissolved Solids	2/9/2015	2/13/2015	4	7	OK
MW-27	Nitrate/Nitrite (as N)	2/9/2015	2/19/2015	10	28	OK
MW-27	Chloride	2/9/2015	2/19/2015	10	28	OK
MW-27	Sulfate	2/9/2015	2/19/2015	10	28	OK
MW-28	Vanadium	2/9/2015	2/19/2015	10	180	OK
MW-28	Uranium	2/9/2015	2/24/2015	15	180	OK
MW-28	Cadmium	2/9/2015	2/24/2015	15	180	OK
MW-28	Chloride	2/9/2015	2/19/2015	10	28	OK
MW-29	Total Dissolved Solids	2/10/2015	2/13/2015	3	7	OK
MW-30	Toluene	2/4/2015	2/6/2015	2	14	OK
MW-30	Tetrahydrofuran	2/4/2015	2/6/2015	2	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-30	Xylenes, Total	2/4/2015	2/6/2015	2	14	OK
MW-30	Sulfate	2/4/2015	2/11/2015	7	28	OK
MW-30	Chloride	2/4/2015	2/11/2015	7	28	OK
MW-30	Fluoride	2/4/2015	2/11/2015	7	28	OK
MW-30	Carbon tetrachloride	2/4/2015	2/6/2015	2	14	OK
MW-30	Acetone	2/4/2015	2/6/2015	2	14	OK
MW-30	Chloroform	2/4/2015	2/6/2015	2	14	OK
MW-30	Benzene	2/4/2015	2/6/2015	2	14	OK
MW-30	Chloromethane	2/4/2015	2/6/2015	2	14	OK
MW-30	Iron	2/4/2015	2/13/2015	9	180	OK
MW-30	Lead	2/4/2015	2/13/2015	9	180	OK
MW-30	Magnesium	2/4/2015	2/14/2015	10	180	OK
MW-30	Manganese	2/4/2015	2/6/2015	2	180	OK
MW-30	Mercury	2/4/2015	2/10/2015	6	180	OK
MW-30	Molybdenum	2/4/2015	2/6/2015	2	180	OK
MW-30	Nickel	2/4/2015	2/6/2015	2	180	OK
MW-30	Potassium	2/4/2015	2/14/2015	10	180	OK
MW-30	Silver	2/4/2015	2/6/2015	2	180	OK
MW-30	Sodium	2/4/2015	2/14/2015	10	180	OK
MW-30	Thallium	2/4/2015	2/13/2015	9	180	OK
MW-30	Tin	2/4/2015	2/16/2015	12	180	OK
MW-30	Arsenic	2/4/2015	2/6/2015	2	180	OK
MW-30	Beryllium	2/4/2015	2/13/2015	9	180	OK
MW-30	Cadmium	2/4/2015	2/6/2015	2	180	OK
MW-30	Chromium	2/4/2015	2/6/2015	2	180	OK
MW-30	Cobalt	2/4/2015	2/6/2015	2	180	OK
MW-30	Copper	2/4/2015	2/6/2015	2	180	OK
MW-30	Uranium	2/4/2015	2/13/2015	9	180	OK
MW-30	Vanadium	2/4/2015	2/14/2015	10	180	OK
MW-30	Zinc	2/4/2015	2/16/2015	12	180	OK
MW-30	Calcium	2/4/2015	2/14/2015	10	180	OK
MW-30	Methylene chloride	2/4/2015	2/6/2015	2	14	OK
MW-30	Ammonia (as N)	2/4/2015	2/6/2015	2	28	OK
MW-30	Selenium	2/4/2015	2/16/2015	12	180	OK
MW-30	2-Butanone	2/4/2015	2/6/2015	2	14	OK
MW-30	Naphthalene	2/4/2015	2/6/2015	2	14	OK
MW-30	Bicarbonate (as CaCO3)	2/4/2015	2/10/2015	6	14	OK
MW-30	Carbonate (as CaCO3)	2/4/2015	2/10/2015	6	14	OK
MW-30	Nitrate/Nitrite (as N)	2/4/2015	2/10/2015	6	28	OK
MW-30	Total Dissolved Solids	2/4/2015	2/6/2015	2	7	OK
MW-30	Gross Radium Alpha	2/4/2015	3/4/2015	28	180	OK
MW-31	Toluene	2/2/2015	2/6/2015	4	14	OK
MW-31	Tetrahydrofuran	2/2/2015	2/6/2015	4	14	OK
MW-31	Xylenes, Total	2/2/2015	2/6/2015	4	14	OK
MW-31	Sulfate	2/2/2015	2/11/2015	9	28	OK
MW-31	Chloride	2/2/2015	2/11/2015	9	28	OK
MW-31	Fluoride	2/2/2015	2/11/2015	9	28	OK
MW-31	Carbon tetrachloride	2/2/2015	2/6/2015	4	14	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-31	Acetone	2/2/2015	2/6/2015	4	14	OK
MW-31	Chloroform	2/2/2015	2/6/2015	4	14	OK
MW-31	Benzene	2/2/2015	2/6/2015	4	14	OK
MW-31	Chloromethane	2/2/2015	2/6/2015	4	14	OK
MW-31	Iron	2/2/2015	2/13/2015	11	180	OK
MW-31	Lead	2/2/2015	2/13/2015	11	180	OK
MW-31	Magnesium	2/2/2015	2/14/2015	12	180	OK
MW-31	Manganese	2/2/2015	2/6/2015	4	180	OK
MW-31	Mercury	2/2/2015	2/10/2015	8	180	OK
MW-31	Molybdenum	2/2/2015	2/6/2015	4	180	OK
MW-31	Nickel	2/2/2015	2/6/2015	4	180	OK
MW-31	Potassium	2/2/2015	2/14/2015	12	180	OK
MW-31	Silver	2/2/2015	2/6/2015	4	180	OK
MW-31	Sodium	2/2/2015	2/14/2015	12	180	OK
MW-31	Thallium	2/2/2015	2/13/2015	11	180	OK
MW-31	Tin	2/2/2015	2/16/2015	14	180	OK
MW-31	Arsenic	2/2/2015	2/6/2015	4	180	OK
MW-31	Gross Radium Alpha	2/2/2015	3/4/2015	30	180	OK
MW-31	Total Dissolved Solids	2/2/2015	2/6/2015	4	7	OK
MW-31	Nitrate/Nitrite (as N)	2/2/2015	2/10/2015	8	28	OK
MW-31	Carbonate (as CaCO3)	2/2/2015	2/10/2015	8	14	OK
MW-31	Bicarbonate (as CaCO3)	2/2/2015	2/10/2015	8	14	OK
MW-31	Naphthalene	2/2/2015	2/6/2015	4	14	OK
MW-31	2-Butanone	2/2/2015	2/6/2015	4	14	OK
MW-31	Selenium	2/2/2015	2/16/2015	14	180	OK
MW-31	Ammonia (as N)	2/2/2015	2/6/2015	4	28	OK
MW-31	Methylene chloride	2/2/2015	2/6/2015	4	14	OK
MW-31	Calcium	2/2/2015	2/14/2015	12	180	OK
MW-31	Zinc	2/2/2015	2/16/2015	14	180	OK
MW-31	Vanadium	2/2/2015	2/14/2015	12	180	OK
MW-31	Uranium	2/2/2015	2/13/2015	11	180	OK
MW-31	Copper	2/2/2015	2/6/2015	4	180	OK
MW-31	Cobalt	2/2/2015	2/6/2015	4	180	OK
MW-31	Chromium	2/2/2015	2/6/2015	4	180	OK
MW-31	Cadmium	2/2/2015	2/6/2015	4	180	OK
MW-31	Beryllium	2/2/2015	2/13/2015	11	180	OK
MW-32	Gross Radium Alpha	2/9/2015	3/4/2015	23	180	OK
MW-35	Gross Radium Alpha	2/5/2015	3/4/2015	27	180	OK
MW-35	Total Dissolved Solids	2/5/2015	2/6/2015	1	7	OK
MW-35	Nitrate/Nitrite (as N)	2/5/2015	2/10/2015	5	28	OK
MW-35	Carbonate (as CaCO3)	2/5/2015	2/10/2015	5	14	OK
MW-35	Bicarbonate (as CaCO3)	2/5/2015	2/10/2015	5	14	OK
MW-35	Naphthalene	2/5/2015	2/6/2015	1	14	OK
MW-35	2-Butanone	2/5/2015	2/6/2015	1	14	OK
MW-35	Selenium	2/5/2015	2/16/2015	11	180	OK
MW-35	Ammonia (as N)	2/5/2015	2/6/2015	1	28	OK
MW-35	Methylene chloride	2/5/2015	2/6/2015	1	14	OK
MW-35	Calcium	2/5/2015	2/14/2015	9	180	OK

G-2A: Quarterly Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-35	Zinc	2/5/2015	2/16/2015	11	180	OK
MW-35	Vanadium	2/5/2015	2/14/2015	9	180	OK
MW-35	Uranium	2/5/2015	2/13/2015	8	180	OK
MW-35	Copper	2/5/2015	2/6/2015	1	180	OK
MW-35	Cobalt	2/5/2015	2/6/2015	1	180	OK
MW-35	Chromium	2/5/2015	2/6/2015	1	180	OK
MW-35	Cadmium	2/5/2015	2/6/2015	1	180	OK
MW-35	Beryllium	2/5/2015	2/13/2015	8	180	OK
MW-35	Arsenic	2/5/2015	2/6/2015	1	180	OK
MW-35	Tin	2/5/2015	2/16/2015	11	180	OK
MW-35	Thallium	2/5/2015	2/13/2015	8	180	OK
MW-35	Sodium	2/5/2015	2/14/2015	9	180	OK
MW-35	Silver	2/5/2015	2/6/2015	1	180	OK
MW-35	Potassium	2/5/2015	2/14/2015	9	180	OK
MW-35	Nickel	2/5/2015	2/6/2015	1	180	OK
MW-35	Molybdenum	2/5/2015	2/6/2015	1	180	OK
MW-35	Mercury	2/5/2015	2/10/2015	5	180	OK
MW-35	Manganese	2/5/2015	2/6/2015	1	180	OK
MW-35	Magnesium	2/5/2015	2/14/2015	9	180	OK
MW-35	Lead	2/5/2015	2/13/2015	8	180	OK
MW-35	Iron	2/5/2015	2/13/2015	8	180	OK
MW-35	Chloromethane	2/5/2015	2/6/2015	1	14	OK
MW-35	Benzene	2/5/2015	2/6/2015	1	14	OK
MW-35	Chloroform	2/5/2015	2/6/2015	1	14	OK
MW-35	Acetone	2/5/2015	2/6/2015	1	14	OK
MW-35	Carbon tetrachloride	2/5/2015	2/6/2015	1	14	OK
MW-35	Fluoride	2/5/2015	2/11/2015	6	28	OK
MW-35	Chloride	2/5/2015	2/11/2015	6	28	OK
MW-35	Sulfate	2/5/2015	2/11/2015	6	28	OK
MW-35	Xylenes, Total	2/5/2015	2/6/2015	1	14	OK
MW-35	Tetrahydrofuran	2/5/2015	2/6/2015	1	14	OK
MW-35	Toluene	2/5/2015	2/6/2015	1	14	OK
MW-36	Gross Radium Alpha	2/10/2015	3/4/2015	22	180	OK
MW-36	Total Dissolved Solids	2/10/2015	2/13/2015	3	7	OK
MW-36	Nitrate/Nitrite (as N)	2/10/2015	2/19/2015	9	28	OK
MW-36	Carbonate (as CaCO3)	2/10/2015	2/16/2015	6	14	OK
MW-36	Bicarbonate (as CaCO3)	2/10/2015	2/16/2015	6	14	OK
MW-36	Naphthalene	2/10/2015	2/13/2015	3	14	OK
MW-36	2-Butanone	2/10/2015	2/13/2015	3	14	OK
MW-36	Selenium	2/10/2015	2/24/2015	14	180	OK
MW-36	Ammonia (as N)	2/10/2015	2/20/2015	10	28	OK
MW-36	Methylene chloride	2/10/2015	2/13/2015	3	14	OK
MW-36	Calcium	2/10/2015	2/19/2015	9	180	OK
MW-36	Zinc	2/10/2015	2/24/2015	14	180	OK
MW-36	Vanadium	2/10/2015	2/19/2015	9	180	OK
MW-36	Uranium	2/10/2015	2/24/2015	14	180	OK
MW-36	Copper	2/10/2015	2/24/2015	14	180	OK
MW-36	Cobalt	2/10/2015	2/24/2015	14	180	OK

G-2A: Quarterly Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-36	Chromium	2/10/2015	2/24/2015	14	180	OK
MW-36	Cadmium	2/10/2015	2/24/2015	14	180	OK
MW-36	Beryllium	2/10/2015	2/24/2015	14	180	OK
MW-36	Arsenic	2/10/2015	2/24/2015	14	180	OK
MW-36	Tin	2/10/2015	2/24/2015	14	180	OK
MW-36	Thallium	2/10/2015	2/24/2015	14	180	OK
MW-36	Sodium	2/10/2015	2/19/2015	9	180	OK
MW-36	Silver	2/10/2015	2/24/2015	14	180	OK
MW-36	Potassium	2/10/2015	2/19/2015	9	180	OK
MW-36	Nickel	2/10/2015	2/24/2015	14	180	OK
MW-36	Molybdenum	2/10/2015	2/24/2015	14	180	OK
MW-36	Mercury	2/10/2015	2/17/2015	7	180	OK
MW-36	Manganese	2/10/2015	2/24/2015	14	180	OK
MW-36	Magnesium	2/10/2015	2/19/2015	9	180	OK
MW-36	Lead	2/10/2015	2/24/2015	14	180	OK
MW-36	Iron	2/10/2015	2/24/2015	14	180	OK
MW-36	Chloromethane	2/10/2015	2/13/2015	3	14	OK
MW-36	Benzene	2/10/2015	2/13/2015	3	14	OK
MW-36	Chloroform	2/10/2015	2/13/2015	3	14	OK
MW-36	Acetone	2/10/2015	2/13/2015	3	14	OK
MW-36	Carbon tetrachloride	2/10/2015	2/13/2015	3	14	OK
MW-36	Fluoride	2/10/2015	2/19/2015	9	28	OK
MW-36	Chloride	2/10/2015	2/19/2015	9	28	OK
MW-36	Sulfate	2/10/2015	2/18/2015	8	28	OK
MW-36	Xylenes, Total	2/10/2015	2/13/2015	3	14	OK
MW-36	Tetrahydrofuran	2/10/2015	2/13/2015	3	14	OK
MW-36	Toluene	2/10/2015	2/13/2015	3	14	OK
MW-37	Gross Radium Alpha	3/5/2015	3/20/2015	15	180	OK
MW-37	Total Dissolved Solids	3/5/2015	3/9/2015	4	7	OK
MW-37	Nitrate/Nitrite (as N)	3/5/2015	3/10/2015	5	28	OK
MW-37	Carbonate (as CaCO3)	3/5/2015	3/10/2015	5	14	OK
MW-37	Bicarbonate (as CaCO3)	3/5/2015	3/10/2015	5	14	OK
MW-37	Naphthalene	3/5/2015	3/9/2015	4	14	OK
MW-37	2-Butanone	3/5/2015	3/9/2015	4	14	OK
MW-37	Selenium	3/5/2015	3/11/2015	6	180	OK
MW-37	Ammonia (as N)	3/5/2015	3/11/2015	6	28	OK
MW-37	Methylene chloride	3/5/2015	3/9/2015	4	14	OK
MW-37	Calcium	3/5/2015	3/26/2015	21	180	OK
MW-37	Zinc	3/5/2015	3/13/2015	8	180	OK
MW-37	Vanadium	3/5/2015	3/13/2015	8	180	OK
MW-37	Uranium	3/5/2015	3/13/2015	8	180	OK
MW-37	Copper	3/5/2015	3/11/2015	6	180	OK
MW-37	Cobalt	3/5/2015	3/11/2015	6	180	OK
MW-37	Chromium	3/5/2015	3/11/2015	6	180	OK
MW-37	Cadmium	3/5/2015	3/11/2015	6	180	OK
MW-37	Beryllium	3/5/2015	3/16/2015	11	180	OK
MW-37	Arsenic	3/5/2015	3/11/2015	6	180	OK
MW-37	Tin	3/5/2015	3/11/2015	6	180	OK

G-2A: Quarterly Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-37	Thallium	3/5/2015	3/13/2015	8	180	OK
MW-37	Sodium	3/5/2015	3/26/2015	21	180	OK
MW-37	Silver	3/5/2015	3/11/2015	6	180	OK
MW-37	Potassium	3/5/2015	3/13/2015	8	180	OK
MW-37	Nickel	3/5/2015	3/11/2015	6	180	OK
MW-37	Molybdenum	3/5/2015	3/11/2015	6	180	OK
MW-37	Mercury	3/5/2015	3/11/2015	6	180	OK
MW-37	Manganese	3/5/2015	3/11/2015	6	180	OK
MW-37	Magnesium	3/5/2015	3/26/2015	21	180	OK
MW-37	Lead	3/5/2015	3/13/2015	8	180	OK
MW-37	Iron	3/5/2015	3/13/2015	8	180	OK
MW-37	Chloromethane	3/5/2015	3/9/2015	4	14	OK
MW-37	Benzene	3/5/2015	3/9/2015	4	14	OK
MW-37	Chloroform	3/5/2015	3/9/2015	4	14	OK
MW-37	Acetone	3/5/2015	3/9/2015	4	14	OK
MW-37	Carbon tetrachloride	3/5/2015	3/9/2015	4	14	OK
MW-37	Fluoride	3/5/2015	3/10/2015	5	28	OK
MW-37	Chloride	3/5/2015	3/10/2015	5	28	OK
MW-37	Sulfate	3/5/2015	3/10/2015	5	28	OK
MW-37	Xylenes, Total	3/5/2015	3/9/2015	4	14	OK
MW-37	Tetrahydrofuran	3/5/2015	3/9/2015	4	14	OK
MW-37	Toluene	3/5/2015	3/9/2015	4	14	OK
MW-65	Gross Radium Alpha	2/5/2015	3/4/2015	27	180	OK
MW-65	Total Dissolved Solids	2/5/2015	2/6/2015	1	7	OK
MW-65	Nitrate/Nitrite (as N)	2/5/2015	2/10/2015	5	28	OK
MW-65	Carbonate (as CaCO3)	2/5/2015	2/10/2015	5	14	OK
MW-65	Bicarbonate (as CaCO3)	2/5/2015	2/10/2015	5	14	OK
MW-65	Naphthalene	2/5/2015	2/6/2015	1	14	OK
MW-65	2-Butanone	2/5/2015	2/6/2015	1	14	OK
MW-65	Selenium	2/5/2015	2/16/2015	11	180	OK
MW-65	Ammonia (as N)	2/5/2015	2/6/2015	1	28	OK
MW-65	Methylene chloride	2/5/2015	2/6/2015	1	14	OK
MW-65	Calcium	2/5/2015	2/14/2015	9	180	OK
MW-65	Zinc	2/5/2015	2/16/2015	11	180	OK
MW-65	Vanadium	2/5/2015	2/14/2015	9	180	OK
MW-65	Uranium	2/5/2015	2/13/2015	8	180	OK
MW-65	Copper	2/5/2015	2/6/2015	1	180	OK
MW-65	Cobalt	2/5/2015	2/6/2015	1	180	OK
MW-65	Chromium	2/5/2015	2/6/2015	1	180	OK
MW-65	Cadmium	2/5/2015	2/6/2015	1	180	OK
MW-65	Beryllium	2/5/2015	2/13/2015	8	180	OK
MW-65	Arsenic	2/5/2015	2/6/2015	1	180	OK
MW-65	Tin	2/5/2015	2/16/2015	11	180	OK
MW-65	Thallium	2/5/2015	2/13/2015	8	180	OK
MW-65	Sodium	2/5/2015	2/14/2015	9	180	OK
MW-65	Silver	2/5/2015	2/6/2015	1	180	OK
MW-65	Potassium	2/5/2015	2/14/2015	9	180	OK
MW-65	Nickel	2/5/2015	2/6/2015	1	180	OK

G-2A: Quarterly Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-65	Molybdenum	2/5/2015	2/6/2015	1	180	OK
MW-65	Mercury	2/5/2015	2/10/2015	5	180	OK
MW-65	Manganese	2/5/2015	2/6/2015	1	180	OK
MW-65	Magnesium	2/5/2015	2/14/2015	9	180	OK
MW-65	Lead	2/5/2015	2/13/2015	8	180	OK
MW-65	Iron	2/5/2015	2/13/2015	8	180	OK
MW-65	Chloromethane	2/5/2015	2/6/2015	1	14	OK
MW-65	Benzene	2/5/2015	2/6/2015	1	14	OK
MW-65	Chloroform	2/5/2015	2/6/2015	1	14	OK
MW-65	Acetone	2/5/2015	2/6/2015	1	14	OK
MW-65	Carbon tetrachloride	2/5/2015	2/6/2015	1	14	OK
MW-65	Fluoride	2/5/2015	2/12/2015	7	28	OK
MW-65	Chloride	2/5/2015	2/11/2015	6	28	OK
MW-65	Sulfate	2/5/2015	2/11/2015	6	28	OK
MW-65	Xylenes, Total	2/5/2015	2/6/2015	1	14	OK
MW-65	Tetrahydrofuran	2/5/2015	2/6/2015	1	14	OK
MW-65	Toluene	2/5/2015	2/6/2015	1	14	OK
MW-70	Gross Radium Alpha	2/10/2015	3/4/2015	22	180	OK
MW-70	Total Dissolved Solids	2/10/2015	2/13/2015	3	7	OK
MW-70	Nitrate/Nitrite (as N)	2/10/2015	2/19/2015	9	28	OK
MW-70	Carbonate (as CaCO3)	2/10/2015	2/16/2015	6	14	OK
MW-70	Bicarbonate (as CaCO3)	2/10/2015	2/16/2015	6	14	OK
MW-70	Naphthalene	2/10/2015	2/13/2015	3	14	OK
MW-70	2-Butanone	2/10/2015	2/13/2015	3	14	OK
MW-70	Selenium	2/10/2015	2/24/2015	14	180	OK
MW-70	Ammonia (as N)	2/10/2015	2/20/2015	10	28	OK
MW-70	Methylene chloride	2/10/2015	2/13/2015	3	14	OK
MW-70	Calcium	2/10/2015	2/19/2015	9	180	OK
MW-70	Zinc	2/10/2015	2/24/2015	14	180	OK
MW-70	Vanadium	2/10/2015	2/19/2015	9	180	OK
MW-70	Uranium	2/10/2015	2/24/2015	14	180	OK
MW-70	Copper	2/10/2015	2/24/2015	14	180	OK
MW-70	Cobalt	2/10/2015	2/24/2015	14	180	OK
MW-70	Chromium	2/10/2015	2/24/2015	14	180	OK
MW-70	Cadmium	2/10/2015	2/24/2015	14	180	OK
MW-70	Beryllium	2/10/2015	2/24/2015	14	180	OK
MW-70	Arsenic	2/10/2015	2/24/2015	14	180	OK
MW-70	Tin	2/10/2015	2/24/2015	14	180	OK
MW-70	Thallium	2/10/2015	2/24/2015	14	180	OK
MW-70	Sodium	2/10/2015	2/19/2015	9	180	OK
MW-70	Silver	2/10/2015	2/24/2015	14	180	OK
MW-70	Potassium	2/10/2015	2/19/2015	9	180	OK
MW-70	Nickel	2/10/2015	2/24/2015	14	180	OK
MW-70	Molybdenum	2/10/2015	2/24/2015	14	180	OK
MW-70	Mercury	2/10/2015	2/17/2015	7	180	OK
MW-70	Manganese	2/10/2015	2/24/2015	14	180	OK
MW-70	Magnesium	2/10/2015	2/19/2015	9	180	OK
MW-70	Lead	2/10/2015	2/24/2015	14	180	OK

G-2A: Quarterly Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-70	Iron	2/10/2015	2/24/2015	14	180	OK
MW-70	Chloromethane	2/10/2015	2/13/2015	3	14	OK
MW-70	Benzene	2/10/2015	2/13/2015	3	14	OK
MW-70	Chloroform	2/10/2015	2/13/2015	3	14	OK
MW-70	Acetone	2/10/2015	2/13/2015	3	14	OK
MW-70	Carbon tetrachloride	2/10/2015	2/13/2015	3	14	OK
MW-70	Fluoride	2/10/2015	2/19/2015	9	28	OK
MW-70	Chloride	2/10/2015	2/19/2015	9	28	OK
MW-70	Sulfate	2/10/2015	2/18/2015	8	28	OK
MW-70	Xylenes, Total	2/10/2015	2/13/2015	3	14	OK
MW-70	Tetrahydrofuran	2/10/2015	2/13/2015	3	14	OK
MW-70	Toluene	2/10/2015	2/13/2015	3	14	OK

G-2B: Accelerated Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
Trip Blank	Carbon tetrachloride	1/21/2015	1/23/2015	2	14	OK
Trip Blank	Chloroform	1/21/2015	1/23/2015	2	14	OK
Trip Blank	Methylene chloride	1/21/2015	1/23/2015	2	14	OK
Trip Blank	Carbon tetrachloride	3/4/2015	3/9/2015	5	14	OK
Trip Blank	Chloroform	3/4/2015	3/9/2015	5	14	OK
Trip Blank	Methylene chloride	3/4/2015	3/9/2015	5	14	OK
MW-11	Manganese	1/21/2015	1/28/2015	7	180	OK
MW-11	Manganese	3/3/2015	3/11/2015	8	180	OK
MW-25	Cadmium	1/20/2015	1/28/2015	8	180	OK
MW-25	Uranium	1/20/2015	1/28/2015	8	180	OK
MW-25	Cadmium	3/4/2015	3/11/2015	7	180	OK
MW-25	Uranium	3/4/2015	3/13/2015	9	180	OK
MW-26	Chloride	1/21/2015	1/27/2015	6	28	OK
MW-26	Carbon tetrachloride	1/21/2015	1/23/2015	2	14	OK
MW-26	Chloroform	1/21/2015	1/23/2015	2	14	OK
MW-26	Uranium	1/21/2015	1/28/2015	7	180	OK
MW-26	Methylene chloride	1/21/2015	1/23/2015	2	14	OK
MW-26	Nitrate/Nitrite (as N)	1/21/2015	1/27/2015	6	28	OK
MW-26	Chloride	3/4/2015	3/10/2015	6	28	OK
MW-26	Carbon tetrachloride	3/4/2015	3/9/2015	5	14	OK
MW-26	Chloroform	3/4/2015	3/10/2015	6	14	OK
MW-26	Uranium	3/4/2015	3/13/2015	9	180	OK
MW-26	Methylene chloride	3/4/2015	3/9/2015	5	14	OK
MW-26	Nitrate/Nitrite (as N)	3/4/2015	3/10/2015	6	28	OK
MW-30	Chloride	1/21/2015	1/27/2015	6	28	OK
MW-30	Uranium	1/21/2015	1/28/2015	7	180	OK
MW-30	Selenium	1/21/2015	1/28/2015	7	180	OK
MW-30	Nitrate/Nitrite (as N)	1/21/2015	1/27/2015	6	28	OK
MW-30	Chloride	3/3/2015	3/10/2015	7	28	OK
MW-30	Uranium	3/3/2015	3/13/2015	10	180	OK
MW-30	Ammonia (as N)	3/3/2015	3/11/2015	8	28	OK
MW-30	Selenium	3/3/2015	3/11/2015	8	180	OK
MW-30	Nitrate/Nitrite (as N)	3/3/2015	3/10/2015	7	28	OK
MW-31	Sulfate	1/20/2015	1/27/2015	7	28	OK
MW-31	Chloride	1/20/2015	1/27/2015	7	28	OK
MW-31	Selenium	1/20/2015	1/28/2015	8	180	OK
MW-31	Nitrate/Nitrite (as N)	1/20/2015	1/27/2015	7	28	OK
MW-31	Total Dissolved Solids	1/20/2015	1/23/2015	3	7	OK
MW-31	Sulfate	3/3/2015	3/10/2015	7	28	OK
MW-31	Chloride	3/3/2015	3/10/2015	7	28	OK
MW-31	Selenium	3/3/2015	3/11/2015	8	180	OK
MW-31	Nitrate/Nitrite (as N)	3/3/2015	3/10/2015	7	28	OK
MW-31	Total Dissolved Solids	3/3/2015	3/9/2015	6	7	OK
MW-35	Manganese	1/20/2015	1/28/2015	8	180	OK
MW-35	Thallium	1/20/2015	1/28/2015	8	180	OK
MW-35	Uranium	1/20/2015	1/28/2015	8	180	OK
MW-35	Selenium	1/20/2015	1/28/2015	8	180	OK
MW-35	Gross Radium Alpha	1/20/2015	1/28/2015	8	180	OK

G-2B: Accelerated Holding Time Evaluation

Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-35	Manganese	3/4/2015	3/11/2015	7	180	OK
MW-35	Thallium	3/4/2015	3/13/2015	9	180	OK
MW-35	Uranium	3/4/2015	3/13/2015	9	180	OK
MW-35	Selenium	3/4/2015	3/11/2015	7	180	OK
MW-35	Gross Radium Alpha	3/4/2015	3/20/2015	16	180	OK
MW-65	Chloride	1/21/2015	1/27/2015	6	28	OK
MW-65	Uranium	1/21/2015	1/28/2015	7	180	OK
MW-65	Selenium	1/21/2015	1/28/2015	7	180	OK
MW-65	Nitrate/Nitrite (as N)	1/21/2015	1/27/2015	6	28	OK
MW-65	Manganese	3/4/2015	3/11/2015	7	180	OK
MW-65	Thallium	3/4/2015	3/13/2015	9	180	OK
MW-65	Uranium	3/4/2015	3/13/2015	9	180	OK
MW-65	Selenium	3/4/2015	3/11/2015	7	180	OK
MW-65	Gross Radium Alpha	3/4/2015	3/20/2015	16	180	OK

G-3A: Quarterly Sample Laboratory Receipt Temperature Check

Sample Batch	Wells in Batch	Temperature
GEL 366895	MW-11, MW-14, MW-19, MW-25, MW-30, MW-31, MW-35, MW-65	NA
GEL 367230	MW-26, MW-27, MW-32, MW-36, MW-70	NA
GEL 368302	MW-37	NA
AWAL 1502108	MW-11, MW-14, MW-25, MW-30, MW-31, MW-35, MW-65, Trip Blank	3.5 °C
AWAL 1502109	MW-15, MW-18, MW-19	3.5 °C
AWAL 1502235	MW-26, MW-36, MW-70, Trip Blank	3.3 °C
AWAL 1502236	MW-01, MW-03, MW-03A, MW-05, MW-12, MW-24, MW-27, MW-28, MW-29	3.3 °C
AWAL 1503121	MW-37, Trip Blank	3.6 °C

N/A = These shipments contained samples for the analysis of gross alpha only. Per Table 1 in the approved QAP, samples submitted for gross alpha analyses do not have a sample temperature requirement.

G-3B: Accelerated Sample Laboratory Receipt Temperature Check

Sample Batch	Wells in Batch	Temperature
GEL 365597	MW-35	NA
AWAL 1501357	MW-11, MW-25, MW-26, MW-30, MW-31, MW-35, MW-65, Trip Blank	2.0 °C
GEL 368301	MW-35, MW-65	NA
AWAL 1503120	MW-11, MW-25, MW-26, MW-30, MW-31, MW-35, MW-65, Trip Blank	3.6 °C

N/A = These shipments contained samples for the analysis of gross alpha only. Per Table 1 in the approved QAP,samples submitted for gross alpha analyses do not have a sample temperature requirement.

G-4A: Quarterly Sample Analytical Method Check

Parameter	QAP Method	Method Used by Lab
Ammonia (as N)	A4500-NH3 G or E350.1	E350.1
Nitrate + Nitrite (as N)	E353.1 or E353.2	E353.2
Metals	E200.7 or E200.8	E200.7 and E200.8
Gross Alpha	E900.0 or E900.1	E900.1
VOCs	SW8260B or SW8260C	SW8260B
Chloride	A4500-Cl B or A4500-Cl E or E300.0	E300.0
Fluoride	A4500-F C or E300.0	E300.0
Sulfate	A4500-SO4 E or E300.0	E300.0
TDS	A2540 C	A2540 C
Carbonate as CO3, Bicarbonate as HCO3	A2320 B	A2320 B
Calcium, Magnesium, Potassium, Sodium	E200.7	E200.7

G-4B: Accelerated Sample Analytical Method Check

Parameter	QAP Method	Method Used by Lab
Ammonia (as N)	A4500-NH3 G or E350.1	E350.1
Nitrate + Nitrite (as N)	E353.1 or E353.2	E353.2
Metals	E200.7 or E200.8	E200.7 or E200.8
Gross Alpha	E900.0 or E900.1	E900.1
VOCs	SW8260B or SW8260C	SW8260B
Chloride	A4500-Cl B or A4500-Cl E or E300.0	E300.0
Sulfate	A4500-SO4 E or E300.0	E300.0
TDS	A2540 C	A2540 C

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
Trip Blank	2-Butanone	20	ug/L	U	1	20	OK
Trip Blank	Acetone	20	ug/L	U	1	20	OK
Trip Blank	Benzene	1	ug/L	U	1	1	OK
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	1	OK
Trip Blank	Chloroform	1	ug/L	U	1	1	OK
Trip Blank	Chloromethane	1	ug/L	U	1	1	OK
Trip Blank	Methylene chloride	1	ug/L	U	1	1	OK
Trip Blank	Naphthalene	1	ug/L	U	1	1	OK
Trip Blank	Tetrahydrofuran	1	ug/L	U	1	1	OK
Trip Blank	Toluene	1	ug/L	U	1	1	OK
Trip Blank	Xylenes, Total	1	ug/L	U	1	1	OK
Trip Blank	2-Butanone	20	ug/L	U	1	20	OK
Trip Blank	Acetone	20	ug/L	U	1	20	OK
Trip Blank	Benzene	1	ug/L	U	1	1	OK
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	1	OK
Trip Blank	Chloroform	1	ug/L	U	1	1	OK
Trip Blank	Chloromethane	1	ug/L	U	1	1	OK
Trip Blank	Methylene chloride	1	ug/L	U	1	1	OK
Trip Blank	Naphthalene	1	ug/L	U	1	1	OK
Trip Blank	Tetrahydrofuran	1	ug/L	U	1	1	OK
Trip Blank	Toluene	1	ug/L	U	1	1	OK
Trip Blank	Xylenes, Total	1	ug/L	U	1	1	OK
Trip Blank	2-Butanone	20	ug/L	U	1	20	OK
Trip Blank	Acetone	20	ug/L	U	1	20	OK
Trip Blank	Benzene	1	ug/L	U	1	1	OK
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	1	OK
Trip Blank	Chloroform	1	ug/L	U	1	1	OK
Trip Blank	Chloromethane	1	ug/L	U	1	1	OK
Trip Blank	Methylene chloride	1	ug/L	U	1	1	OK
Trip Blank	Naphthalene	1	ug/L	U	1	1	OK
Trip Blank	Tetrahydrofuran	1	ug/L	U	1	1	OK
Trip Blank	Toluene	1	ug/L	U	1	1	OK
Trip Blank	Xylenes, Total	1	ug/L	U	1	1	OK
MW-01	Manganese	10	ug/L		20	10	OK
MW-01	Sulfate	100	mg/L		100	1	OK
MW-01	Tetrahydrofuran	1	ug/L		1	1	OK
MW-03	Fluoride	0.1	mg/L		1	0.1	OK
MW-03	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-03	Selenium	5	ug/L		20	5	OK
MW-03	Sulfate	1000	mg/L		1000	1	OK
MW-03A	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-03A	Selenium	5	ug/L		20	5	OK
MW-03A	Sulfate	1000	mg/L		1000	1	OK
MW-03A	Total Dissolved Solids	20	MG/L		2	10	OK
MW-05	Uranium	0.3	ug/L		2	0.3	OK
MW-11	2-Butanone	20	ug/L	U	1	20	OK
MW-11	Acetone	20	ug/L	U	1	20	OK
MW-11	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-11	Arsenic	5	ug/L	U	20	5	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-11	Benzene	1	ug/L	U	1	1	OK
MW-11	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-11	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-11	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-11	Calcium	50	mg/L		50	0.5	OK
MW-11	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-11	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-11	Chloride	10	mg/L		10	1	OK
MW-11	Chloroform	1	ug/L	U	1	1	OK
MW-11	Chloromethane	1	ug/L	U	1	1	OK
MW-11	Chromium	25	ug/L	U	20	25	OK
MW-11	Cobalt	10	ug/L	U	20	10	OK
MW-11	Copper	10	ug/L	U	20	10	OK
MW-11	Fluoride	0.1	mg/L		1	0.1	OK
MW-11	Gross Radium Alpha	0.859	pCi/L	U	1	1	OK
MW-11	Iron	30	ug/L		5	30	OK
MW-11	Lead	1	ug/L	U	5	1	OK
MW-11	Magnesium	1	mg/L		1	0.5	OK
MW-11	Manganese	10	ug/L		20	10	OK
MW-11	Mercury	0.5	ug/L	U	1	0.5	OK
MW-11	Methylene chloride	1	ug/L	U	1	1	OK
MW-11	Molybdenum	10	ug/L	U	20	10	OK
MW-11	Naphthalene	1	ug/L	U	1	1	OK
MW-11	Nickel	20	ug/L	U	20	20	OK
MW-11	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-11	Potassium	1	mg/L		1	0.5	OK
MW-11	Selenium	5	ug/L	U	20	5	OK
MW-11	Silver	10	ug/L	U	20	10	OK
MW-11	Sodium	50	mg/L		50	0.5	OK
MW-11	Sulfate	1000	mg/L		1000	1	OK
MW-11	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-11	Thallium	0.5	ug/L	U	5	0.5	OK
MW-11	Tin	100	ug/L	U	20	100	OK
MW-11	Toluene	1	ug/L	U	1	1	OK
MW-11	Total Dissolved Solids	20	MG/L		2	10	OK
MW-11	Uranium	0.3	ug/L		2	0.3	OK
MW-11	Vanadium	15	ug/L	U	1	15	OK
MW-11	Xylenes, Total	1	ug/L	U	1	1	OK
MW-11	Zinc	10	ug/L	U	20	10	OK
MW-12	Selenium	5	ug/L		20	5	OK
MW-14	2-Butanone	20	ug/L	U	1	20	OK
MW-14	Acetone	20	ug/L	U	1	20	OK
MW-14	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-14	Arsenic	5	ug/L	U	20	5	OK
MW-14	Benzene	1	ug/L	U	1	1	OK
MW-14	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-14	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-14	Cadmium	0.5	ug/L		20	0.5	OK
MW-14	Calcium	50	mg/L		50	0.5	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-14	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-14	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-14	Chloride	10	mg/L		10	1	OK
MW-14	Chloroform	1	ug/L	U	1	1	OK
MW-14	Chloromethane	1	ug/L	U	1	1	OK
MW-14	Chromium	25	ug/L	U	20	25	OK
MW-14	Cobalt	10	ug/L	U	20	10	OK
MW-14	Copper	10	ug/L	U	20	10	OK
MW-14	Fluoride	0.1	mg/L	U	1	0.1	OK
MW-14	Gross Radium Alpha	0.917	pCi/L	U	1	1	OK
MW-14	Iron	30	ug/L	U	5	30	OK
MW-14	Lead	1	ug/L	U	5	1	OK
MW-14	Magnesium	50	mg/L		50	0.5	OK
MW-14	Manganese	25	ug/L		50	10	OK
MW-14	Mercury	0.5	ug/L	U	1	0.5	OK
MW-14	Methylene chloride	1	ug/L	U	1	1	OK
MW-14	Molybdenum	10	ug/L	U	20	10	OK
MW-14	Naphthalene	1	ug/L	U	1	1	OK
MW-14	Nickel	20	ug/L	U	20	20	OK
MW-14	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-14	Potassium	1	mg/L		1	0.5	OK
MW-14	Selenium	5	ug/L	U	20	5	OK
MW-14	Silver	10	ug/L	U	20	10	OK
MW-14	Sodium	50	mg/L		50	0.5	OK
MW-14	Sulfate	1000	mg/L		1000	1	OK
MW-14	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-14	Thallium	0.5	ug/L	U	5	0.5	OK
MW-14	Tin	100	ug/L	U	20	100	OK
MW-14	Toluene	1	ug/L	U	1	1	OK
MW-14	Total Dissolved Solids	20	MG/L		2	10	OK
MW-14	Uranium	0.3	ug/L		2	0.3	OK
MW-14	Vanadium	15	ug/L	U	1	15	OK
MW-14	Xylenes, Total	1	ug/L	U	1	1	OK
MW-14	Zinc	10	ug/L		20	10	OK
MW-15	Selenium	5	ug/L		20	5	OK
MW-18	Sulfate	1000	mg/L		1000	1	OK
MW-18	Thallium	0.5	ug/L		5	0.5	OK
MW-18	Total Dissolved Solids	20	MG/L		2	10	OK
MW-19	Gross Radium Alpha	0.97	pCi/L	U	1	1	OK
MW-19	Nitrate/Nitrite (as N)	1	mg/L		10	0.1	OK
MW-24	Cadmium	0.5	ug/L		20	0.5	OK
MW-24	Fluoride	0.1	mg/L		1	0.1	OK
MW-24	Sulfate	1000	mg/L		1000	1	OK
MW-24	Thallium	0.5	ug/L		5	0.5	OK
MW-25	2-Butanone	20	ug/L	U	1	20	OK
MW-25	Acetone	20	ug/L	U	1	20	OK
MW-25	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-25	Arsenic	5	ug/L	U	20	5	OK
MW-25	Benzene	1	ug/L	U	1	1	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-25	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-25	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-25	Cadmium	0.5	ug/L		20	0.5	OK
MW-25	Calcium	50	mg/L		50	0.5	OK
MW-25	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-25	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-25	Chloride	10	mg/L		10	1	OK
MW-25	Chloroform	1	ug/L	U	1	1	OK
MW-25	Chloromethane	1	ug/L	U	1	1	OK
MW-25	Chromium	25	ug/L	U	20	25	OK
MW-25	Cobalt	10	ug/L	U	20	10	OK
MW-25	Copper	10	ug/L	U	20	10	OK
MW-25	Fluoride	0.1	mg/L		1	0.1	OK
MW-25	Gross Radium Alpha	0.978	pCi/L	U	1	1	OK
MW-25	Iron	30	ug/L	U	5	30	OK
MW-25	Lead	1	ug/L	U	5	1	OK
MW-25	Magnesium	50	mg/L		50	0.5	OK
MW-25	Manganese	10	ug/L		20	10	OK
MW-25	Mercury	0.5	ug/L	U	1	0.5	OK
MW-25	Methylene chloride	1	ug/L	U	1	1	OK
MW-25	Molybdenum	10	ug/L		20	10	OK
MW-25	Naphthalene	1	ug/L	U	1	1	OK
MW-25	Nickel	20	ug/L	U	20	20	OK
MW-25	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-25	Potassium	1	mg/L		1	0.5	OK
MW-25	Selenium	5	ug/L	U	20	5	OK
MW-25	Silver	10	ug/L	U	20	10	OK
MW-25	Sodium	50	mg/L		50	0.5	OK
MW-25	Sulfate	1000	mg/L		1000	1	OK
MW-25	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-25	Thallium	0.5	ug/L		5	0.5	OK
MW-25	Tin	100	ug/L	U	20	100	OK
MW-25	Toluene	1	ug/L	U	1	1	OK
MW-25	Total Dissolved Solids	20	MG/L		2	10	OK
MW-25	Uranium	0.3	ug/L		2	0.3	OK
MW-25	Vanadium	15	ug/L	U	1	15	OK
MW-25	Xylenes, Total	1	ug/L	U	1	1	OK
MW-25	Zinc	10	ug/L	U	20	10	OK
MW-26	2-Butanone	20	ug/L	U	1	20	OK
MW-26	Acetone	20	ug/L	U	1	20	OK
MW-26	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-26	Arsenic	5	ug/L	U	20	5	OK
MW-26	Benzene	1	ug/L	U	1	1	OK
MW-26	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-26	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-26	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-26	Calcium	20	mg/L		20	0.5	OK
MW-26	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-26	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-26	Chloride	10	mg/L		10	1	OK
MW-26	Chloroform	20	ug/L		20	1	OK
MW-26	Chloromethane	1	ug/L	U	1	1	OK
MW-26	Chromium	25	ug/L	U	20	25	OK
MW-26	Cobalt	10	ug/L	U	20	10	OK
MW-26	Copper	10	ug/L	U	20	10	OK
MW-26	Fluoride	0.1	mg/L		1	0.1	OK
MW-26	Gross Radium Alpha	1	pCi/L		1	1	OK
MW-26	Iron	30	ug/L		5	30	OK
MW-26	Lead	1	ug/L	U	5	1	OK
MW-26	Magnesium	20	mg/L		20	0.5	OK
MW-26	Manganese	10	ug/L		20	10	OK
MW-26	Mercury	0.5	ug/L	U	1	0.5	OK
MW-26	Methylene chloride	1	ug/L		1	1	OK
MW-26	Molybdenum	10	ug/L	U	20	10	OK
MW-26	Naphthalene	1	ug/L	U	1	1	OK
MW-26	Nickel	20	ug/L	U	20	20	OK
MW-26	Nitrate/Nitrite (as N)	1	mg/L		10	0.1	OK
MW-26	Potassium	1	mg/L		1	0.5	OK
MW-26	Selenium	5	ug/L		20	5	OK
MW-26	Silver	10	ug/L	U	20	10	OK
MW-26	Sodium	20	mg/L		20	0.5	OK
MW-26	Sulfate	1000	mg/L		1000	1	OK
MW-26	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-26	Thallium	0.5	ug/L	U	5	0.5	OK
MW-26	Tin	100	ug/L	U	20	100	OK
MW-26	Toluene	1	ug/L	U	1	1	OK
MW-26	Total Dissolved Solids	20	MG/L		2	10	OK
MW-26	Uranium	0.3	ug/L		2	0.3	OK
MW-26	Vanadium	15	ug/L	U	1	15	OK
MW-26	Xylenes, Total	1	ug/L	U	1	1	OK
MW-26	Zinc	10	ug/L	U	20	10	OK
MW-27	Chloride	10	mg/L		10	1	OK
MW-27	Gross Radium Alpha	0.885	pCi/L	U	1	1	OK
MW-27	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-27	Sulfate	100	mg/L		100	1	OK
MW-27	Total Dissolved Solids	20	MG/L		2	10	OK
MW-28	Cadmium	0.5	ug/L		20	0.5	OK
MW-28	Chloride	100	mg/L		100	1	OK
MW-28	Uranium	0.3	ug/L		2	0.3	OK
MW-28	Vanadium	15	ug/L	U	1	15	OK
MW-29	Total Dissolved Solids	20	MG/L		2	10	OK
MW-30	2-Butanone	20	ug/L	U	1	20	OK
MW-30	Acetone	20	ug/L	U	1	20	OK
MW-30	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-30	Arsenic	5	ug/L	U	20	5	OK
MW-30	Benzene	1	ug/L	U	1	1	OK
MW-30	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-30	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-30	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-30	Calcium	50	mg/L		50	0.5	OK
MW-30	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-30	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-30	Chloride	100	mg/L		100	1	OK
MW-30	Chloroform	1	ug/L	U	1	1	OK
MW-30	Chloromethane	1	ug/L	U	1	1	OK
MW-30	Chromium	25	ug/L	U	20	25	OK
MW-30	Cobalt	10	ug/L	U	20	10	OK
MW-30	Copper	10	ug/L	U	20	10	OK
MW-30	Fluoride	0.1	mg/L		1	0.1	OK
MW-30	Gross Radium Alpha	0.958	pCi/L	U	1	1	OK
MW-30	Iron	30	ug/L	U	5	30	OK
MW-30	Lead	1	ug/L	U	5	1	OK
MW-30	Magnesium	50	mg/L		50	0.5	OK
MW-30	Manganese	10	ug/L		20	10	OK
MW-30	Mercury	0.5	ug/L	U	1	0.5	OK
MW-30	Methylene chloride	1	ug/L	U	1	1	OK
MW-30	Molybdenum	10	ug/L	U	20	10	OK
MW-30	Naphthalene	1	ug/L	U	1	1	OK
MW-30	Nickel	20	ug/L	U	20	20	OK
MW-30	Nitrate/Nitrite (as N)	1	mg/L		10	0.1	OK
MW-30	Potassium	1	mg/L		1	0.5	OK
MW-30	Selenium	5	ug/L		20	5	OK
MW-30	Silver	10	ug/L	U	20	10	OK
MW-30	Sodium	50	mg/L		50	0.5	OK
MW-30	Sulfate	100	mg/L		100	1	OK
MW-30	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-30	Thallium	0.5	ug/L	U	5	0.5	OK
MW-30	Tin	100	ug/L	U	20	100	OK
MW-30	Toluene	1	ug/L	U	1	1	OK
MW-30	Total Dissolved Solids	20	MG/L		2	10	OK
MW-30	Uranium	0.3	ug/L		2	0.3	OK
MW-30	Vanadium	15	ug/L	U	1	15	OK
MW-30	Xylenes, Total	1	ug/L	U	1	1	OK
MW-30	Zinc	10	ug/L	U	20	10	OK
MW-31	2-Butanone	20	ug/L	U	1	20	OK
MW-31	Acetone	20	ug/L	U	1	20	OK
MW-31	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-31	Arsenic	5	ug/L	U	20	5	OK
MW-31	Benzene	1	ug/L	U	1	1	OK
MW-31	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-31	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-31	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-31	Calcium	50	mg/L		50	0.5	OK
MW-31	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-31	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-31	Chloride	100	mg/L		100	1	OK
MW-31	Chloroform	1	ug/L	U	1	1	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-31	Chloromethane	1	ug/L	U	1	1	OK
MW-31	Chromium	25	ug/L	U	20	25	OK
MW-31	Cobalt	10	ug/L	U	20	10	OK
MW-31	Copper	10	ug/L	U	20	10	OK
MW-31	Fluoride	0.1	mg/L		1	0.1	OK
MW-31	Gross Radium Alpha	0.952	pCi/L	U	1	1	OK
MW-31	Iron	30	ug/L	U	5	30	OK
MW-31	Lead	1	ug/L	U	5	1	OK
MW-31	Magnesium	50	mg/L		50	0.5	OK
MW-31	Manganese	10	ug/L	U	20	10	OK
MW-31	Mercury	0.5	ug/L	U	1	0.5	OK
MW-31	Methylene chloride	1	ug/L	U	1	1	OK
MW-31	Molybdenum	10	ug/L	U	20	10	OK
MW-31	Naphthalene	1	ug/L	U	1	1	OK
MW-31	Nickel	20	ug/L	U	20	20	OK
MW-31	Nitrate/Nitrite (as N)	1	mg/L		10	0.1	OK
MW-31	Potassium	1	mg/L		1	0.5	OK
MW-31	Selenium	5	ug/L		20	5	OK
MW-31	Silver	10	ug/L	U	20	10	OK
MW-31	Sodium	50	mg/L		50	0.5	OK
MW-31	Sulfate	100	mg/L		100	1	OK
MW-31	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-31	Thallium	0.5	ug/L	U	5	0.5	OK
MW-31	Tin	100	ug/L	U	20	100	OK
MW-31	Toluene	1	ug/L	U	1	1	OK
MW-31	Total Dissolved Solids	20	MG/L		2	10	OK
MW-31	Uranium	0.3	ug/L		2	0.3	OK
MW-31	Vanadium	15	ug/L	U	1	15	OK
MW-31	Xylenes, Total	1	ug/L	U	1	1	OK
MW-31	Zinc	10	ug/L	U	20	10	OK
MW-32	Gross Radium Alpha	0.934	pCi/L		1	1	OK
MW-35	2-Butanone	20	ug/L	U	1	20	OK
MW-35	Acetone	20	ug/L	U	1	20	OK
MW-35	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-35	Arsenic	5	ug/L	U	20	5	OK
MW-35	Benzene	1	ug/L	U	1	1	OK
MW-35	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-35	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-35	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-35	Calcium	50	mg/L		50	0.5	OK
MW-35	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-35	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-35	Chloride	10	mg/L		10	1	OK
MW-35	Chloroform	1	ug/L	U	1	1	OK
MW-35	Chloromethane	1	ug/L	U	1	1	OK
MW-35	Chromium	25	ug/L	U	20	25	OK
MW-35	Cobalt	10	ug/L	U	20	10	OK
MW-35	Copper	10	ug/L	U	20	10	OK
MW-35	Fluoride	0.1	mg/L		1	0.1	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-35	Gross Radium Alpha	0.926	pCi/L		1	1	OK
MW-35	Iron	30	ug/L		5	30	OK
MW-35	Lead	1	ug/L	U	5	1	OK
MW-35	Magnesium	50	mg/L		50	0.5	OK
MW-35	Manganese	10	ug/L		20	10	OK
MW-35	Mercury	0.5	ug/L	U	1	0.5	OK
MW-35	Methylene chloride	1	ug/L	U	1	1	OK
MW-35	Molybdenum	10	ug/L	U	20	10	OK
MW-35	Naphthalene	1	ug/L	U	1	1	OK
MW-35	Nickel	20	ug/L	U	20	20	OK
MW-35	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-35	Potassium	1	mg/L		1	0.5	OK
MW-35	Selenium	5	ug/L		20	5	OK
MW-35	Silver	10	ug/L	U	20	10	OK
MW-35	Sodium	50	mg/L		50	0.5	OK
MW-35	Sulfate	1000	mg/L		1000	1	OK
MW-35	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-35	Thallium	0.5	ug/L	U	5	0.5	OK
MW-35	Tin	100	ug/L	U	20	100	OK
MW-35	Toluene	1	ug/L	U	1	1	OK
MW-35	Total Dissolved Solids	20	MG/L		2	10	OK
MW-35	Uranium	0.3	ug/L		2	0.3	OK
MW-35	Vanadium	15	ug/L	U	1	15	OK
MW-35	Xylenes, Total	1	ug/L	U	1	1	OK
MW-35	Zinc	10	ug/L	U	20	10	OK
MW-36	2-Butanone	20	ug/L	U	1	20	OK
MW-36	Acetone	20	ug/L	U	1	20	OK
MW-36	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-36	Arsenic	5	ug/L	U	20	5	OK
MW-36	Benzene	1	ug/L	U	1	1	OK
MW-36	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-36	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-36	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-36	Calcium	20	mg/L		20	0.5	OK
MW-36	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-36	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-36	Chloride	10	mg/L		10	1	OK
MW-36	Chloroform	1	ug/L	U	1	1	OK
MW-36	Chloromethane	1	ug/L	U	1	1	OK
MW-36	Chromium	25	ug/L	U	20	25	OK
MW-36	Cobalt	10	ug/L	U	20	10	OK
MW-36	Copper	10	ug/L	U	20	10	OK
MW-36	Fluoride	0.1	mg/L		1	0.1	OK
MW-36	Gross Radium Alpha	0.957	pCi/L		1	1	OK
MW-36	Iron	30	ug/L	U	5	30	OK
MW-36	Lead	1	ug/L	U	5	1	OK
MW-36	Magnesium	20	mg/L		20	0.5	OK
MW-36	Manganese	10	ug/L	U	20	10	OK
MW-36	Mercury	0.5	ug/L	U	1	0.5	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-36	Methylene chloride	1	ug/L	U	1	1	OK
MW-36	Molybdenum	10	ug/L	U	20	10	OK
MW-36	Naphthalene	1	ug/L	U	1	1	OK
MW-36	Nickel	20	ug/L	U	20	20	OK
MW-36	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-36	Potassium	1	mg/L		1	0.5	OK
MW-36	Selenium	5	ug/L		20	5	OK
MW-36	Silver	10	ug/L	U	20	10	OK
MW-36	Sodium	100	mg/L		100	0.5	OK
MW-36	Sulfate	1000	mg/L		1000	1	OK
MW-36	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-36	Thallium	0.5	ug/L		5	0.5	OK
MW-36	Tin	100	ug/L	U	20	100	OK
MW-36	Toluene	1	ug/L	U	1	1	OK
MW-36	Total Dissolved Solids	20	MG/L		2	10	OK
MW-36	Uranium	0.3	ug/L		2	0.3	OK
MW-36	Vanadium	15	ug/L	U	1	15	OK
MW-36	Xylenes, Total	1	ug/L	U	1	1	OK
MW-36	Zinc	10	ug/L	U	20	10	OK
MW-37	2-Butanone	20	ug/L	U	1	20	OK
MW-37	Acetone	20	ug/L	U	1	20	OK
MW-37	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-37	Arsenic	5	ug/L	U	20	5	OK
MW-37	Benzene	1	ug/L	U	1	1	OK
MW-37	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-37	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-37	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-37	Calcium	20	mg/L		20	0.5	OK
MW-37	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-37	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-37	Chloride	10	mg/L		10	1	OK
MW-37	Chloroform	1	ug/L	U	1	1	OK
MW-37	Chloromethane	1	ug/L	U	1	1	OK
MW-37	Chromium	25	ug/L	U	20	25	OK
MW-37	Cobalt	10	ug/L	U	20	10	OK
MW-37	Copper	10	ug/L	U	20	10	OK
MW-37	Fluoride	0.1	mg/L		1	0.1	OK
MW-37	Gross Radium Alpha	0.874	pCi/L	U	1	1	OK
MW-37	Iron	30	ug/L	U	5	30	OK
MW-37	Lead	1	ug/L	U	5	1	OK
MW-37	Magnesium	20	mg/L		20	0.5	OK
MW-37	Manganese	10	ug/L		20	10	OK
MW-37	Mercury	0.5	ug/L	U	1	0.5	OK
MW-37	Methylene chloride	1	ug/L	U	1	1	OK
MW-37	Molybdenum	10	ug/L	U	20	10	OK
MW-37	Naphthalene	1	ug/L	U	1	1	OK
MW-37	Nickel	20	ug/L	U	20	20	OK
MW-37	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-37	Potassium	1	mg/L		1	0.5	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-37	Selenium	5	ug/L		20	5	OK
MW-37	Silver	10	ug/L	U	20	10	OK
MW-37	Sodium	20	mg/L		20	0.5	OK
MW-37	Sulfate	1000	mg/L		1000	1	OK
MW-37	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-37	Thallium	0.5	ug/L		5	0.5	OK
MW-37	Tin	100	ug/L	U	20	100	OK
MW-37	Toluene	1	ug/L	U	1	1	OK
MW-37	Total Dissolved Solids	20	MG/L		2	10	OK
MW-37	Uranium	0.3	ug/L		2	0.3	OK
MW-37	Vanadium	15	ug/L	U	1	15	OK
MW-37	Xylenes, Total	1	ug/L	U	1	1	OK
MW-37	Zinc	10	ug/L		1	10	OK
MW-65	2-Butanone	20	ug/L	U	1	20	OK
MW-65	Acetone	20	ug/L	U	1	20	OK
MW-65	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-65	Arsenic	5	ug/L	U	20	5	OK
MW-65	Benzene	1	ug/L	U	1	1	OK
MW-65	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-65	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-65	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-65	Calcium	50	mg/L		50	0.5	OK
MW-65	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-65	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-65	Chloride	10	mg/L		10	1	OK
MW-65	Chloroform	1	ug/L	U	1	1	OK
MW-65	Chloromethane	1	ug/L	U	1	1	OK
MW-65	Chromium	25	ug/L	U	20	25	OK
MW-65	Cobalt	10	ug/L	U	20	10	OK
MW-65	Copper	10	ug/L	U	20	10	OK
MW-65	Fluoride	0.1	mg/L		1	0.1	OK
MW-65	Gross Radium Alpha	0.939	pCi/L		1	1	OK
MW-65	Iron	30	ug/L		5	30	OK
MW-65	Lead	1	ug/L	U	5	1	OK
MW-65	Magnesium	50	mg/L		50	0.5	OK
MW-65	Manganese	10	ug/L		20	10	OK
MW-65	Mercury	0.5	ug/L	U	1	0.5	OK
MW-65	Methylene chloride	1	ug/L	U	1	1	OK
MW-65	Molybdenum	10	ug/L	U	20	10	OK
MW-65	Naphthalene	1	ug/L	U	1	1	OK
MW-65	Nickel	20	ug/L	U	20	20	OK
MW-65	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-65	Potassium	1	mg/L		1	0.5	OK
MW-65	Selenium	5	ug/L		20	5	OK
MW-65	Silver	10	ug/L	U	20	10	OK
MW-65	Sodium	50	mg/L		50	0.5	OK
MW-65	Sulfate	1000	mg/L		1000	1	OK
MW-65	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-65	Thallium	0.5	ug/L	U	5	0.5	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-65	Tin	100	ug/L	U	20	100	OK
MW-65	Toluene	1	ug/L	U	1	1	OK
MW-65	Total Dissolved Solids	20	MG/L		2	10	OK
MW-65	Uranium	0.3	ug/L		2	0.3	OK
MW-65	Vanadium	15	ug/L	U	1	15	OK
MW-65	Xylenes, Total	1	ug/L	U	1	1	OK
MW-65	Zinc	10	ug/L	U	20	10	OK
MW-70	2-Butanone	20	ug/L	U	1	20	OK
MW-70	Acetone	20	ug/L	U	1	20	OK
MW-70	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-70	Arsenic	5	ug/L	U	20	5	OK
MW-70	Benzene	1	ug/L	U	1	1	OK
MW-70	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-70	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-70	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-70	Calcium	20	mg/L		20	0.5	OK
MW-70	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-70	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-70	Chloride	10	mg/L		10	1	OK
MW-70	Chloroform	1	ug/L	U	1	1	OK
MW-70	Chloromethane	1	ug/L	U	1	1	OK
MW-70	Chromium	25	ug/L	U	20	25	OK
MW-70	Cobalt	10	ug/L	U	20	10	OK
MW-70	Copper	10	ug/L	U	20	10	OK
MW-70	Fluoride	0.1	mg/L		1	0.1	OK
MW-70	Gross Radium Alpha	0.928	pCi/L	U	1	1	OK
MW-70	Iron	30	ug/L	U	5	30	OK
MW-70	Lead	1	ug/L	U	5	1	OK
MW-70	Magnesium	20	mg/L		20	0.5	OK
MW-70	Manganese	10	ug/L	U	20	10	OK
MW-70	Mercury	0.5	ug/L	U	1	0.5	OK
MW-70	Methylene chloride	1	ug/L	U	1	1	OK
MW-70	Molybdenum	10	ug/L	U	20	10	OK
MW-70	Naphthalene	1	ug/L	U	1	1	OK
MW-70	Nickel	20	ug/L	U	20	20	OK
MW-70	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-70	Potassium	1	mg/L		1	0.5	OK
MW-70	Selenium	5	ug/L		20	5	OK
MW-70	Silver	10	ug/L	U	20	10	OK
MW-70	Sodium	100	mg/L		100	0.5	OK
MW-70	Sulfate	1000	mg/L		1000	1	OK
MW-70	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-70	Thallium	0.5	ug/L		5	0.5	OK
MW-70	Tin	100	ug/L	U	20	100	OK
MW-70	Toluene	1	ug/L	U	1	1	OK
MW-70	Total Dissolved Solids	20	MG/L		2	10	OK
MW-70	Uranium	0.3	ug/L		2	0.3	OK
MW-70	Vanadium	15	ug/L	U	1	15	OK
MW-70	Xylenes, Total	1	ug/L	U	1	1	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-70	Zinc	10	ug/L	U	20	10	OK

G-5B Accelerated Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	1	OK
Trip Blank	Chloroform	1	ug/L	U	1	1	OK
Trip Blank	Methylene chloride	1	ug/L	U	1	1	OK
Trip Blank	Carbon tetrachloride	1	ug/L	U	1	1	OK
Trip Blank	Chloroform	1	ug/L	U	1	1	OK
Trip Blank	Methylene chloride	1	ug/L	U	1	1	OK
MW-11	Manganese	10	ug/L		20	10	OK
MW-11	Manganese	10	ug/L		20	10	OK
MW-25	Cadmium	0.5	ug/L		20	0.5	OK
MW-25	Uranium	0.3	ug/L		2	0.3	OK
MW-25	Cadmium	0.5	ug/L		20	0.5	OK
MW-25	Uranium	0.3	ug/L		2	0.3	OK
MW-26	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-26	Chloride	10	mg/L		10	1	OK
MW-26	Chloroform	100	ug/L		100	1	OK
MW-26	Methylene chloride	1	ug/L		1	1	OK
MW-26	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-26	Uranium	0.3	ug/L		2	0.3	OK
MW-26	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-26	Chloride	10	mg/L		10	1	OK
MW-26	Chloroform	20	ug/L		20	1	OK
MW-26	Methylene chloride	1	ug/L		1	1	OK
MW-26	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-26	Uranium	0.3	ug/L		2	0.3	OK
MW-30	Chloride	100	mg/L		100	1	OK
MW-30	Nitrate/Nitrite (as N)	5	mg/L		50	0.1	OK
MW-30	Selenium	5	ug/L		20	5	OK
MW-30	Uranium	0.3	ug/L		2	0.3	OK
MW-30	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-30	Chloride	100	mg/L		100	1	OK
MW-30	Nitrate/Nitrite (as N)	1	mg/L		10	0.1	OK
MW-30	Selenium	5	ug/L		20	5	OK
MW-30	Uranium	0.3	ug/L		2	0.3	OK
MW-31	Chloride	100	mg/L		100	1	OK
MW-31	Nitrate/Nitrite (as N)	5	mg/L		50	0.1	OK
MW-31	Selenium	5	ug/L		20	5	OK
MW-31	Sulfate	100	mg/L		100	1	OK
MW-31	Total Dissolved Solids	20	MG/L		2	10	OK
MW-31	Chloride	100	mg/L		100	1	OK
MW-31	Nitrate/Nitrite (as N)	1	mg/L		10	0.1	OK
MW-31	Selenium	5	ug/L		20	5	OK
MW-31	Sulfate	100	mg/L		100	1	OK
MW-31	Total Dissolved Solids	20	MG/L		2	10	OK
MW-35	Gross Radium Alpha	1	pCi/L		1	1	OK
MW-35	Manganese	10	ug/L		20	10	OK
MW-35	Selenium	5	ug/L		20	5	OK
MW-35	Thallium	0.5	ug/L	U	5	0.5	OK
MW-35	Uranium	0.3	ug/L		2	0.3	OK
MW-35	Gross Radium Alpha	1	pCi/L		1	1	OK

G-5B Accelerated Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-35	Manganese	10	ug/L		20	10	OK
MW-35	Selenium	5	ug/L		20	5	OK
MW-35	Thallium	0.5	ug/L	U	5	0.5	OK
MW-35	Uranium	0.3	ug/L		2	0.3	OK
MW-65	Chloride	100	mg/L		100	1	OK
MW-65	Nitrate/Nitrite (as N)	5	mg/L		50	0.1	OK
MW-65	Selenium	5	ug/L		20	5	OK
MW-65	Uranium	0.3	ug/L		2	0.3	OK
MW-65	Gross Radium Alpha	1	pCi/L		1	1	OK
MW-65	Manganese	10	ug/L		20	10	OK
MW-65	Selenium	5	ug/L		20	5	OK
MW-65	Thallium	0.5	ug/L	U	5	0.5	OK
MW-65	Uranium	0.3	ug/L		2	0.3	OK

G-6A: Quarterly Sample Trip Blank Evaluation

All trip blanks for the Quarter were non detect.

Blank	Sample Date	Laboratory
AWAL 1502108	2/3/2015	AWAL
AWAL 1502235	2/10/2015	AWAL
AWAL 1503121	3/5/2015	AWAL

G-6B: Accelerated Sample Trip Blank Evaluation

All trip blanks for the Accelerated samples were non detect.

Blank	Sample Date	Laboratory
AWAL 1501357	1/21/2015	AWAL
AWAL 1503120	3/4/2015	AWAL

G-7A: QA/QC Evaluation for Quarterly Sample Duplicates

Constituent	MW-35 2/5/15	MW-65 2/5/15	%RPD
Ammonia (as N) (mg/L)	0.240	0.235	2.11
Bicarbonate as HCO3	326	326	0.00
Calcium (mg/L)	492	489	0.61
Chloride (mg/L)	62.6	62.8	0.32
Fluoride (mg/L)	0.309	0.308	0.32
Iron (mg/L)	0.0969	0.0955	1.46
Magnesium (mg/L)	157	157	0.00
Manganese (mg/L)	0.223	0.218	2.27
Potassium (mg/L)	11.8	12.1	2.51
Selenium (mg/L)	0.0142	0.0146	2.78
Sodium (mg/L)	370	369	0.27
Sulfate (mg/L)	2220	2330	4.84
TDS (mg/L)	3680	3750	1.88
Uranium (mg/L)	0.0206	0.0215	4.28
Radiologic Duplicate Tests			
Gross Alpha minus Rn & U*	5.61	4.16	1.608
Gross Alpha minus Rn & U Precision (±)	0.674	0.599	

* Duplicate checks reported for gross alpha minus RN and U are not %RPD. Calculated values are based on the formula in the approved QAP.

Constituent	MW-36 2/10/15	MW-70 2/10/15	%RPD
Ammonia (as N) (mg/L)	0.0826	ND	NC
Bicarbonate as HCO3	292	291	0.34
Calcium	446	443	0.67
Chloride (mg/L)	61.2	58.4	4.68
Fluoride (mg/L)	0.279	0.282	1.07
Magnesium (mg/L)	144	140	2.82
Nitrate + Nitrite (as N)	0.237	0.221	6.99
Potassium	9.75	9.6	2.07
Selenium	0.234	0.234	0.00
Sodium (mg/L)	690	716	3.70
Sulfate (mg/L)	2670	2680	0.37
TDS (mg/L)	4320	4090	5.47
Thallium	0.000714	0.000682	4.58
Uranium	0.0225	0.0219	2.70
Radiologic Duplicate Tests			
Gross Alpha minus Rn & U*	1.01	1.0 U	NC
Gross Alpha minus Rn & U Precision (±)	0.349	0.340	

* Duplicate checks reported for gross alpha minus RN and U are not %RPD. Calculated values are based on the formula in the approved QAP.

Per the approved QAP, an RPD greater than 20% is acceptable if the reported results are less than 5 times the RL. These results are provided for information only.

G-7B: QA/QC Evaluation for Accelerated Sample Duplicates

Constituent	MW-30 1/21/15	MW-65 1/21/15	%RPD*
Nitrate + Nitrite (as N) (mg/L)	19.5	9.37	70.18
Selenium (mg/L)	0.0372	0.0364	2.17
Uranium (mg/L)	0.00806	0.00799	0.87
Chloride (mg/L)	144	142	1.40
Constituent	**MW-35 3/4/15**	**MW-65 3/4/15**	**%RPD**
Manganese (mg/L)	0.19	0.188	1.06
Selenium (mg/L)	0.0266	0.0270	1.49
Thallium (mg/L)	<0.0005	<0.0005	NC
Uranium (mg/L)	0.0244	0.0246	0.82
Radiologic RPD Tests			
Gross Alpha minus Rn & U	3.81	4.69	0.97
Gross Alpha minus Rn & U Precision (±)	0.613	0.665	

* Duplicate checks reported for gross alpha minus RN and U are not %RPD. Calculated values are based on the formula in the approved QAP.

G-8A: Quarterly Sample Radiologics Counting Error

Well	Gross Alpha minus Rn & U	Gross Alpha minus Rn and U Precision (+/-)	Counting Error ≤ 20%	GWCL	Within GWCL?
MW-11	1.0 U	0.338	NC	3.75	NC
MW-14	1.0 U	0.209	NC	7.5	NC
MW-19	1.0 U	0.312	NC	2.36	NC
MW-25	1.0 U	0.594	NC	7.5	NC
MW-26	2.20	0.486	N	4.69	Y
MW-27	1.0 U	0.307	NC	2	NC
MW-30	1.0 U	0.521	NC	3.75	NC
MW-31	1.0 U	0.409	NC	7.5	NC
MW-32	2.19	0.484	N	3.33	Y
MW-35	5.61	0.674	Y	3.75	N/A
MW-36	1.01	0.349	NC	--	
MW-37	1.0 U	0.341	NC	--	
MW-65	4.16	0.599	NC	--	
MW-70	1.0 U	0.340	NC	--	

GWCLs have not been established for MW-20, MW-22, MW-36, and MW-37.

N/A - the counting error is less than 20% of the activity as required by the GWDP. The value is above the GWCL and this check column is not applicable.

NC = Not calculated. The sample results are nondetect and the check is not applicable.

G-8B: Radiologics Counting Error for Accelerated Samples

Well	Sample Date	Gross Alpha minus Rn & U	Gross Alpha minus Rn and U Precision (+/-)	Counting Error ≤ 20%	GWCL	Within GWCL?
MW-35	1/20/2015	6.86	0.633	Y	3.75	N/A
MW-65	3/4/2015	4.69	0.665	Y	NC	NC
MW-35	3/4/2015	3.81	0.613	Y	3.75	N/A

N/A - the counting error is less than 20% of the activity as required by the GWDP. The value is above the GWCL and this check column is not applicable.

NC - Not calculated.

G-9A: Quarterly Sample Laboratory Matrix QC

Matrix Spike % Recovery Comparison

Lab Report	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD	RPD Range
1502108	MW-11	Sodium*	NC	NC	70-130	NC	20
1502108	MW-11	Ammonia	125	121	90 - 110	2.66	10
1502108/1502235	MW-26	Ammonia	120	122	90 - 110	0.975	10
1502108/1502109	MW-19	Nitrate	134	132	90 - 110	0.307	10
1502108/1502109	MW-11	Nitrate	95.8	87.6	90 - 110	8.89	10
1502235	MW-26	Calcium*	NC	NC	70-130	NC	20
1502235	MW-26	Sodium*	NC	NC	70-130	NC	20
1502235	MW-26	Magnesium*	NC	NC	70-130	NC	20
1502235/1502236	MW-28	Manganese*	NC	NC	80 - 120	NC	20
1502235	MW-26	Ammonia	120	122	90 - 110	0.975	10
1502235/1502236	MW-03	Nitrate	88.7	97.3	90 - 110	5.48	10
1502236	MW-28	Manganese*	NC	NC	70-130	NC	20
1503121	MW-37	Calcium*	NC	NC	70-130	NC	20
1503121	MW-37	Magnesium*	NC	NC	70-130	NC	20
1503121	MW-37	Sodium*	NC	NC	70-130	NC	20
1503121	NA	Nitrate	85.6	85.8	90 - 110	0.11	10

* Recovery was not calculated as the analyte level in the sample was greater than 4 times the spike amount
NA: QC was not performed on an EFRI sample.

Laboratory Duplicate % Recovery Comparison

Lab Report	Well	Analyte	Sample Result (mg/L)	Lab Duplicate Result (mg/L)	RPD %	RPD Range %
1502236	MW-03A	TDS	6100	5470	10.9	5

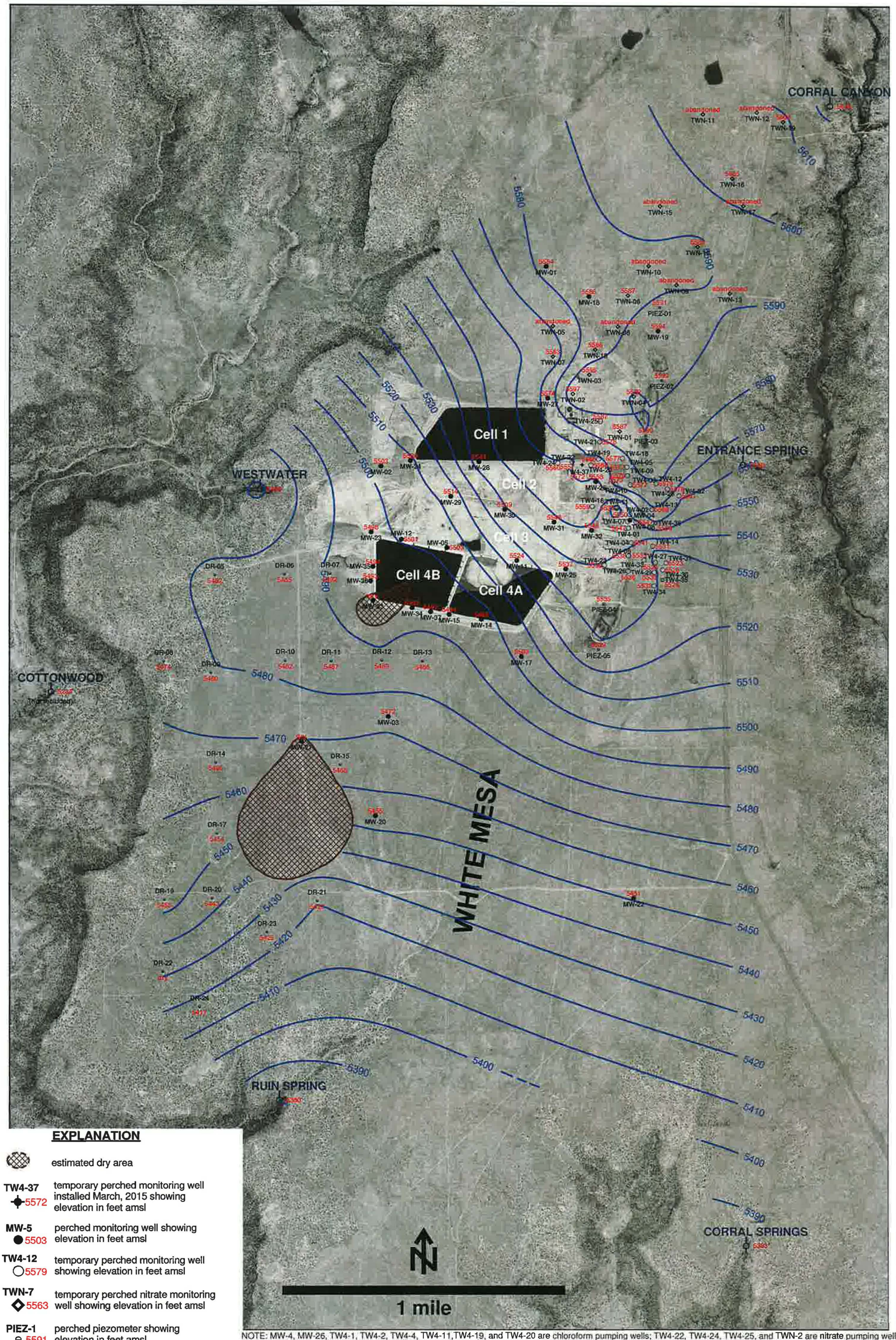
G-9B: Accelerated Laboratory Matrix QC

Matrix Spike % Recovery Comparison

Lab Report	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD %	RPD Range %
1501357 - January Accelerated	MW-31	Nitrate	90.5	79.6	90-110	9.47	10
1503120 - March Accelerated	MW-26	Nitrate	85.6	85.8	90-110	0.11	10

Tab H

Kriged Current Quarterly Groundwater Contour Map



EXPLANATION

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

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

HYDRO GEO CHEM, INC.

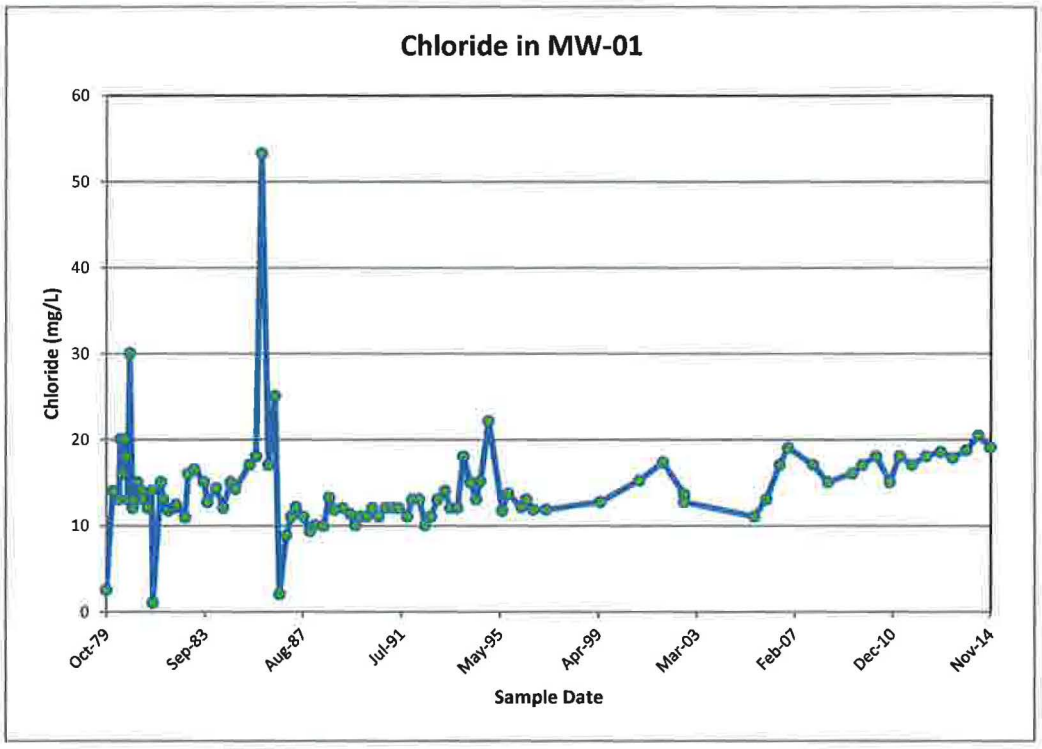
KRIGED 1st QUARTER, 2015 WATER LEVELS WHITE MESA SITE

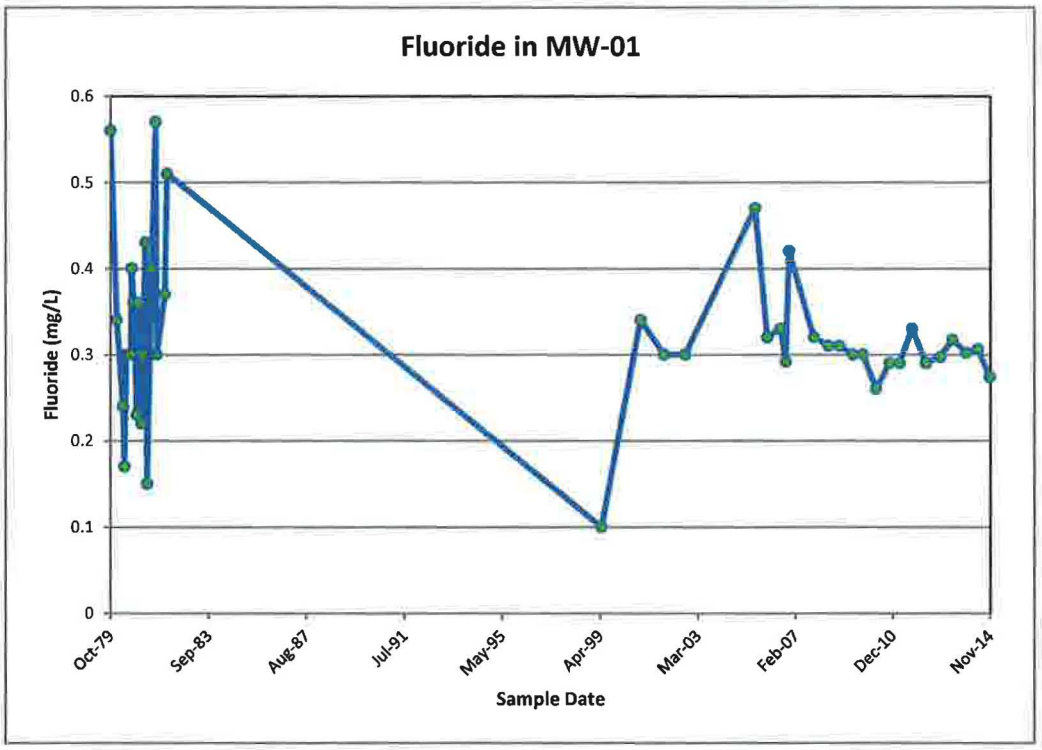
APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/may15/WL/Uwl0315_rev.srf	H-1

Tab I

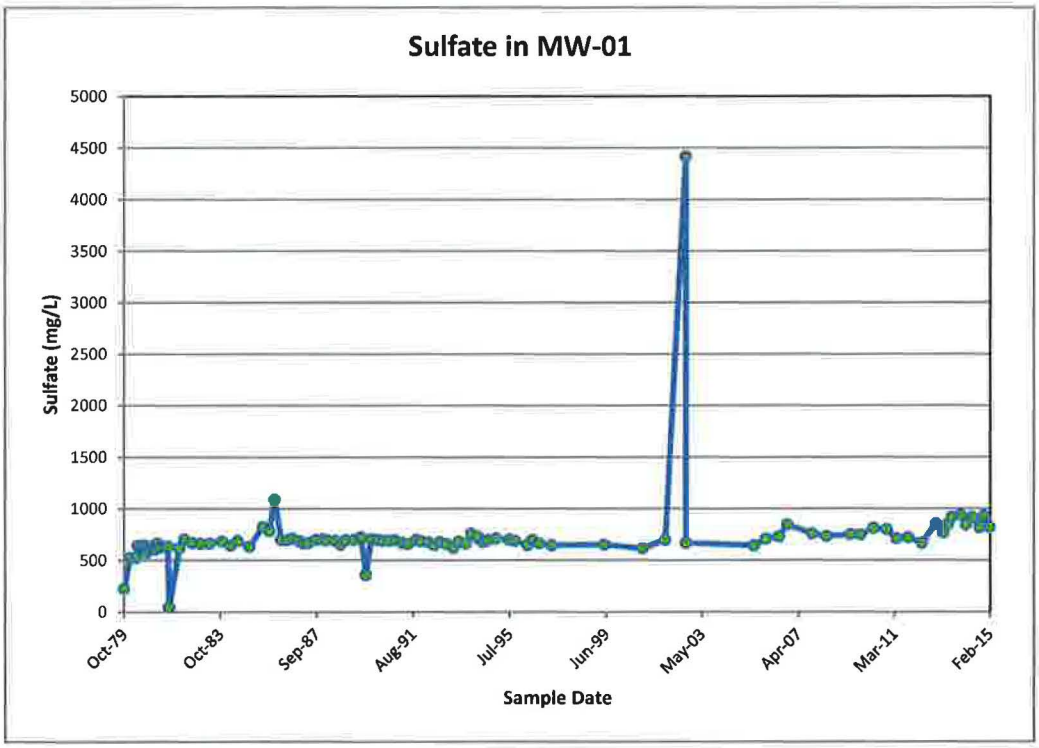
Groundwater Time Concentration Plots

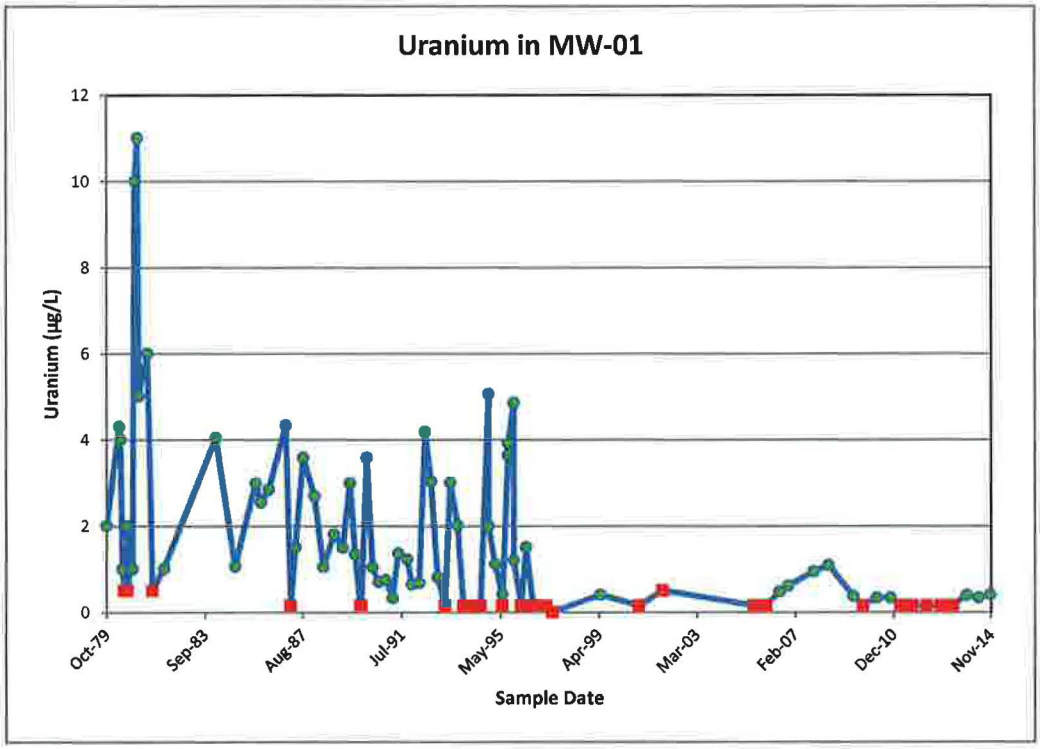
Time concentration plots for MW-01



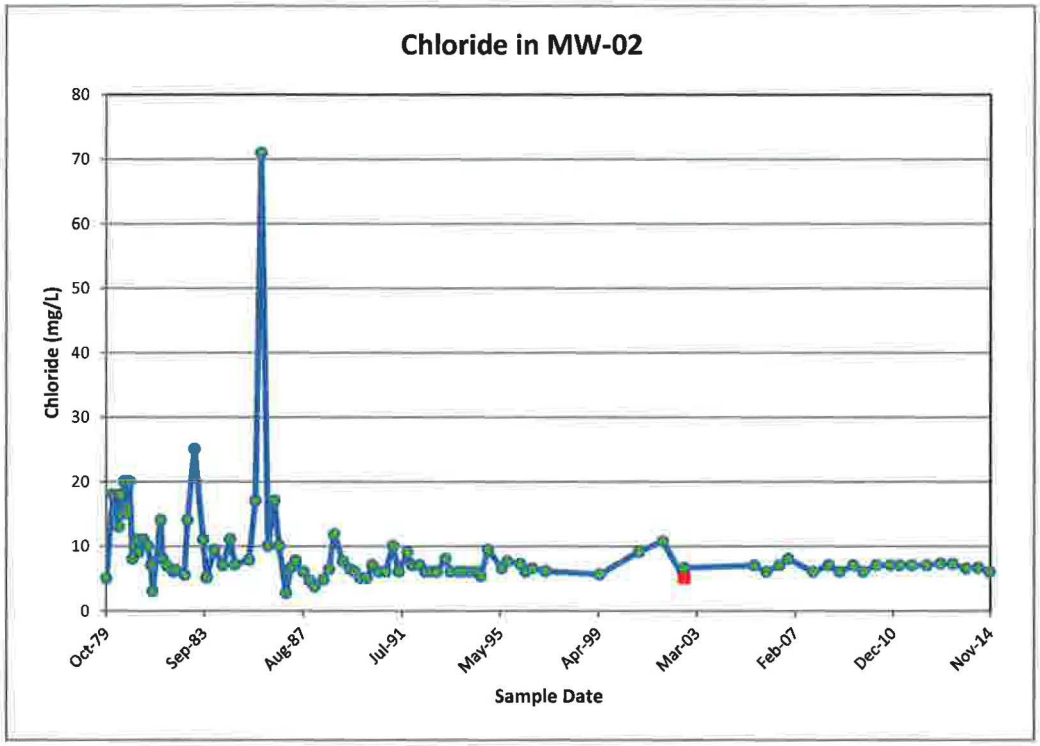


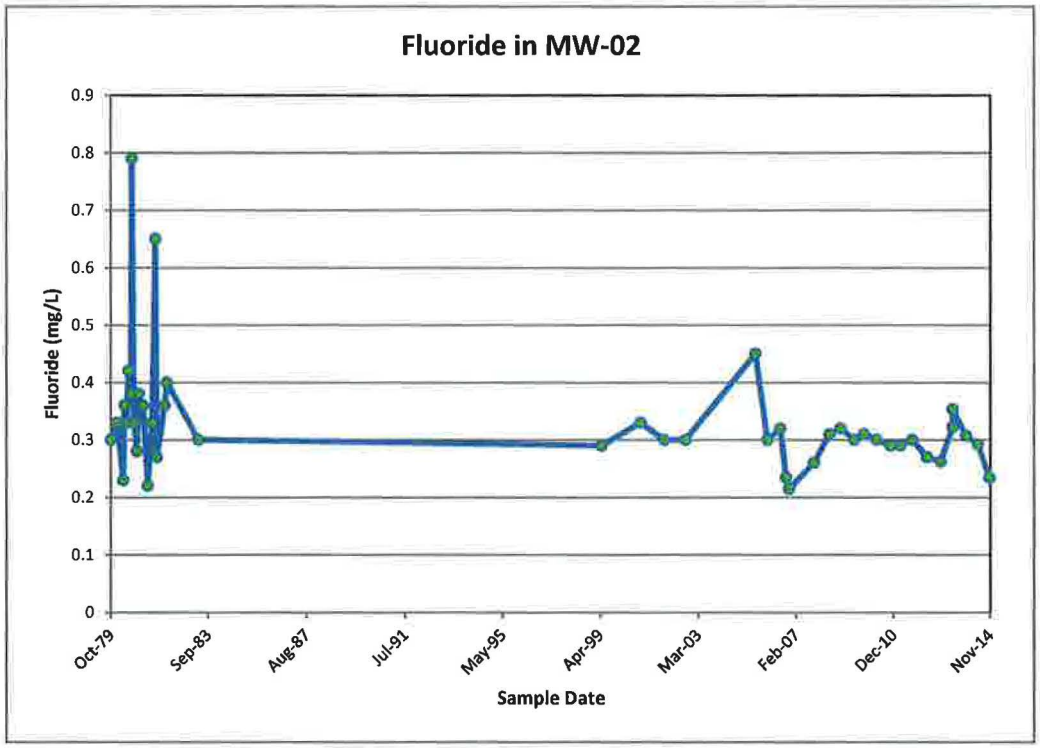
Time concentration plots for MW-01



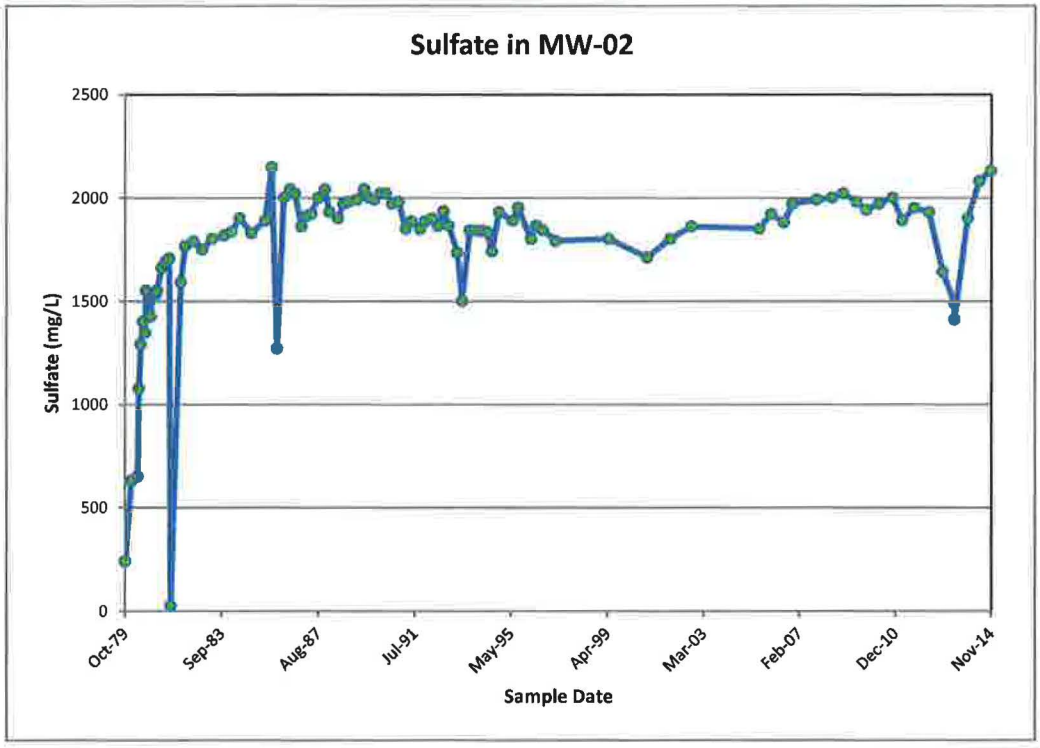


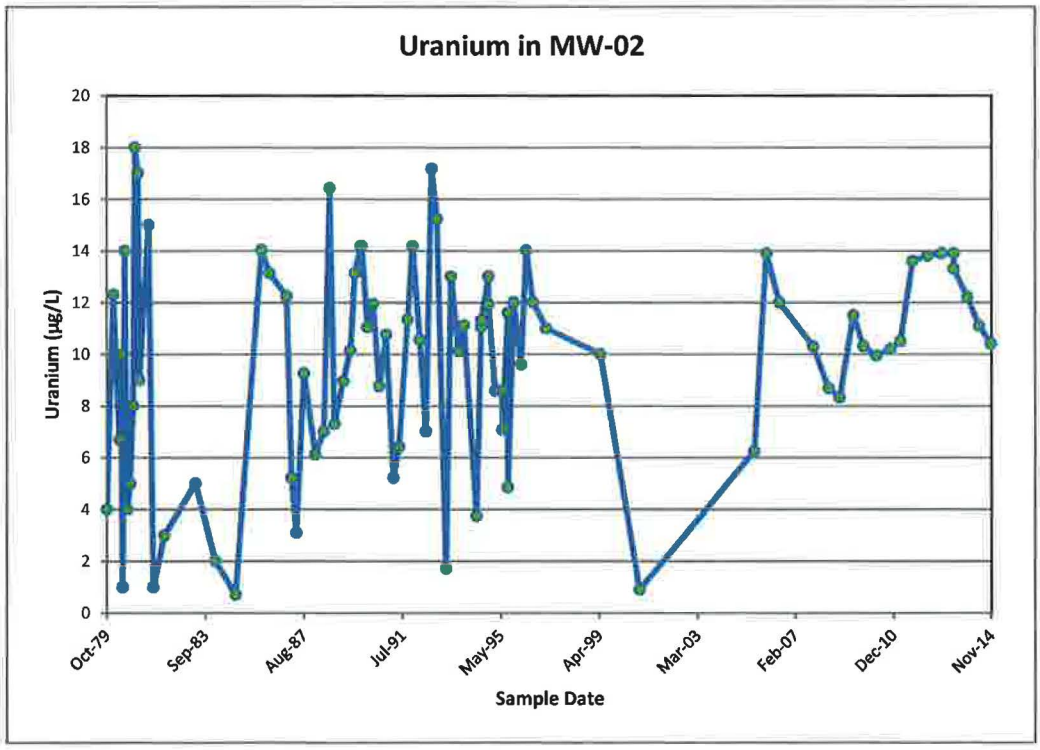
Time concentration plots for MW-02



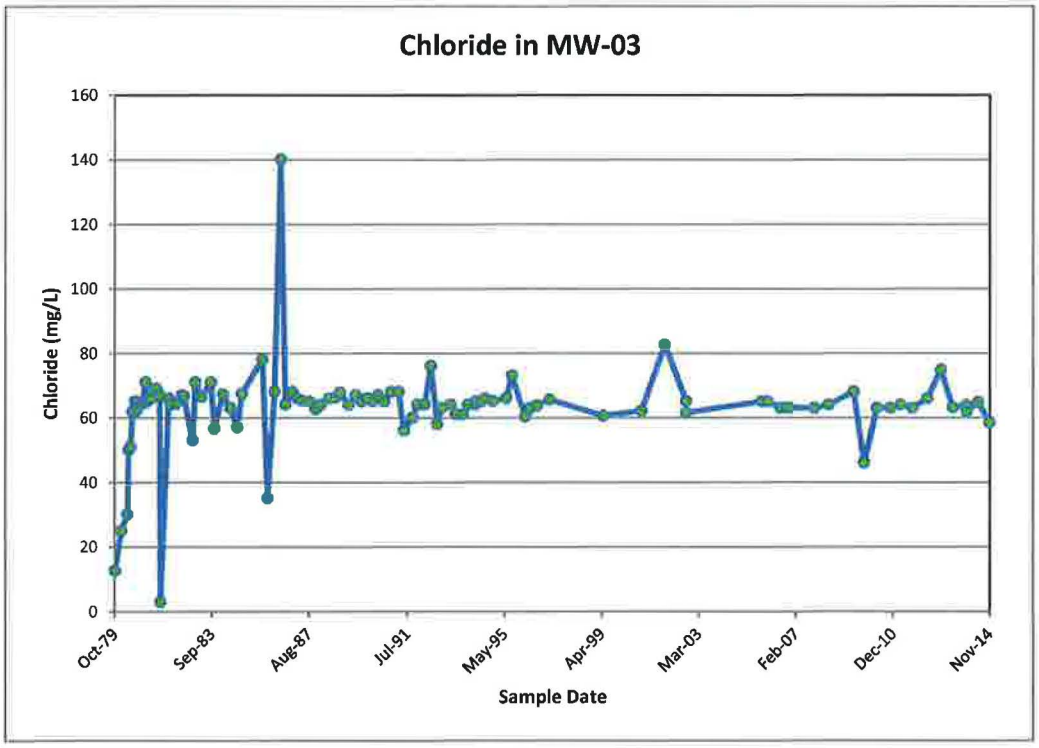


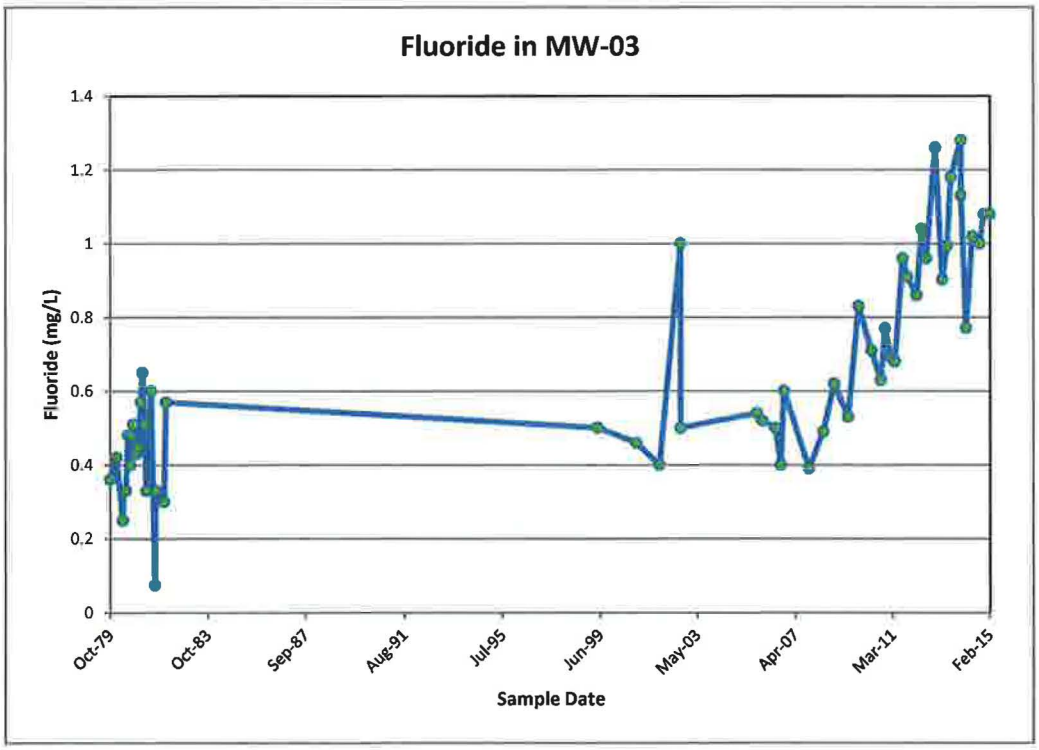
Time concentration plots for MW-02



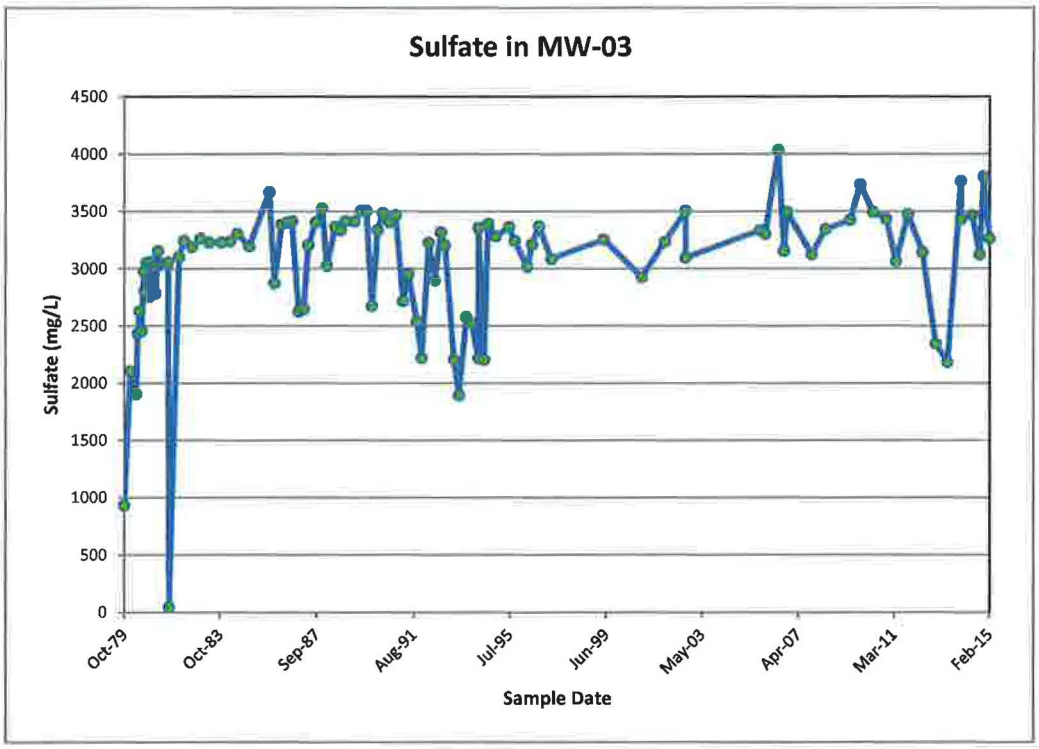


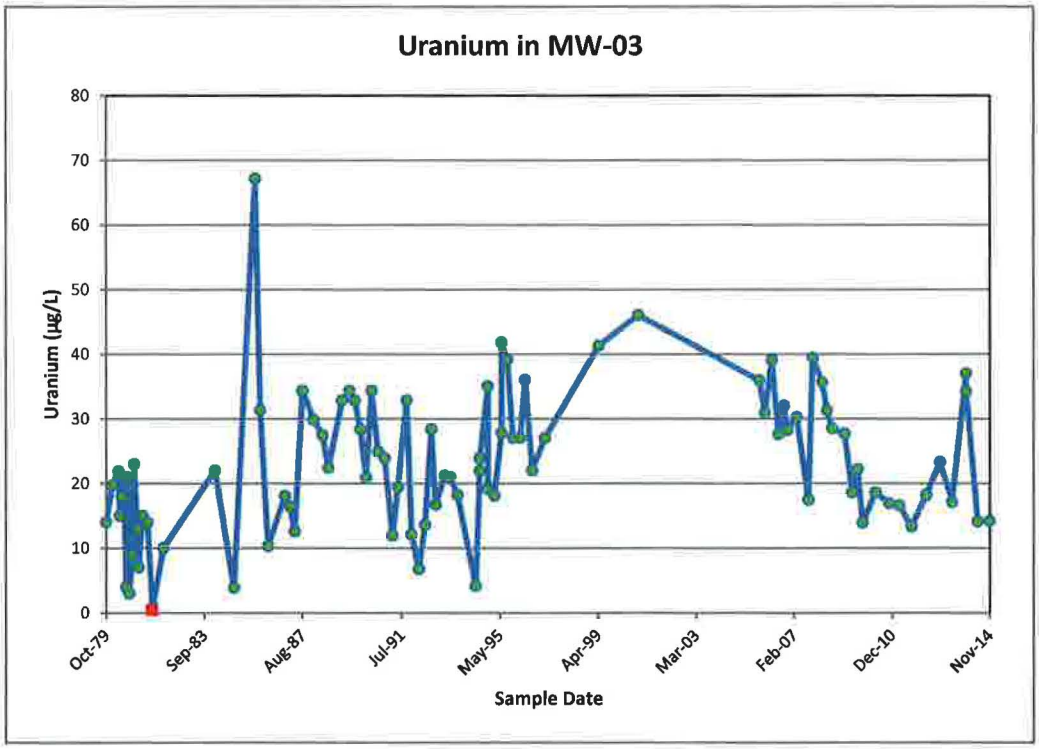
Time concentration plots for MW-03



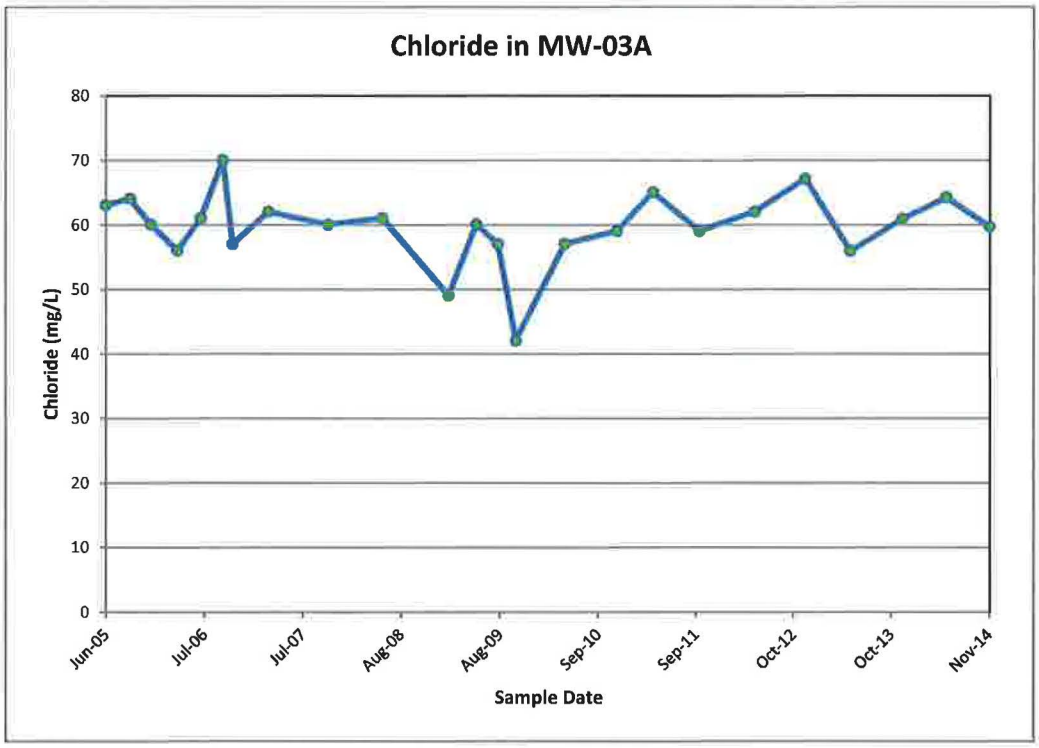


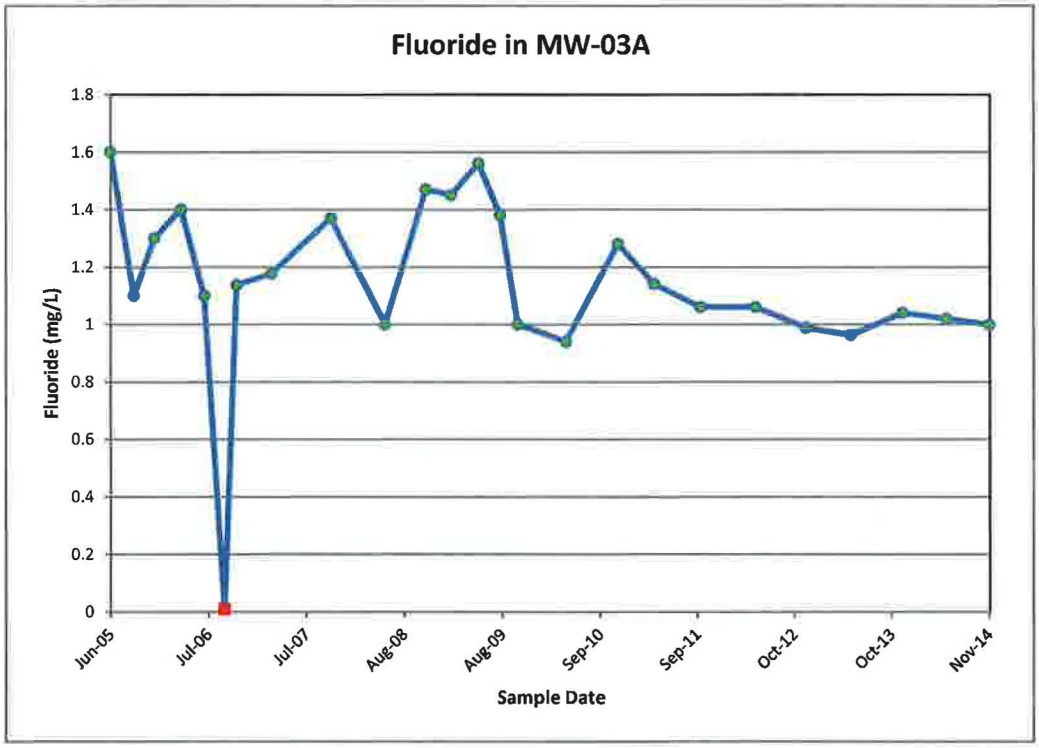
Time concentration plots for MW-03



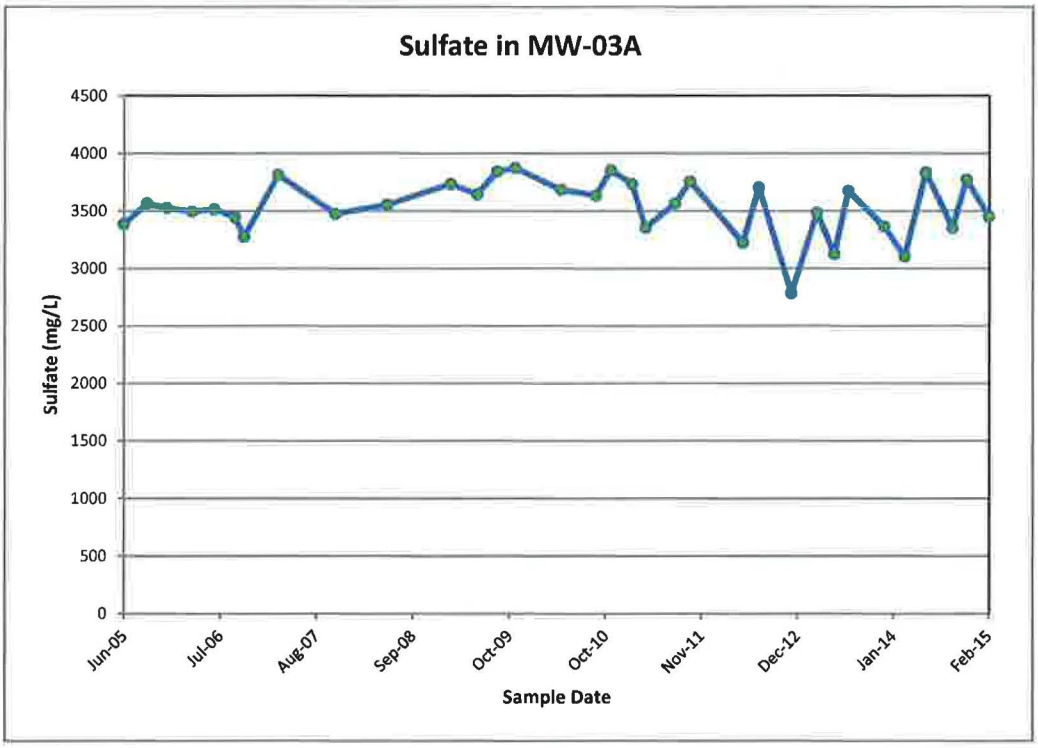


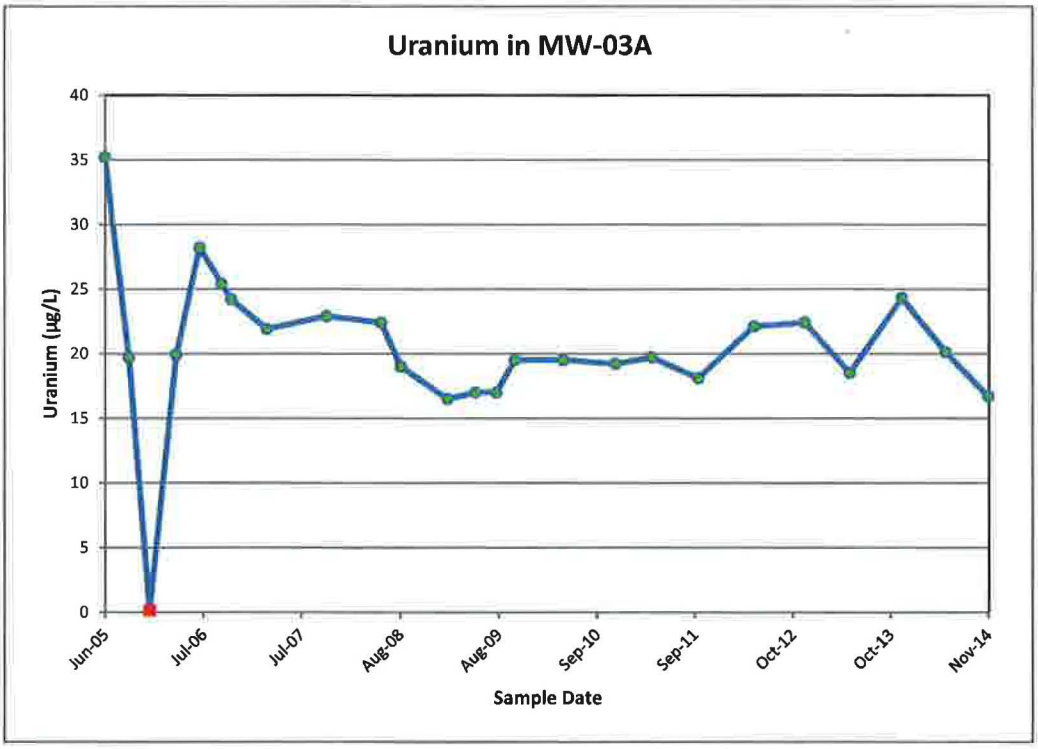
Time concentration plots for MW-03A



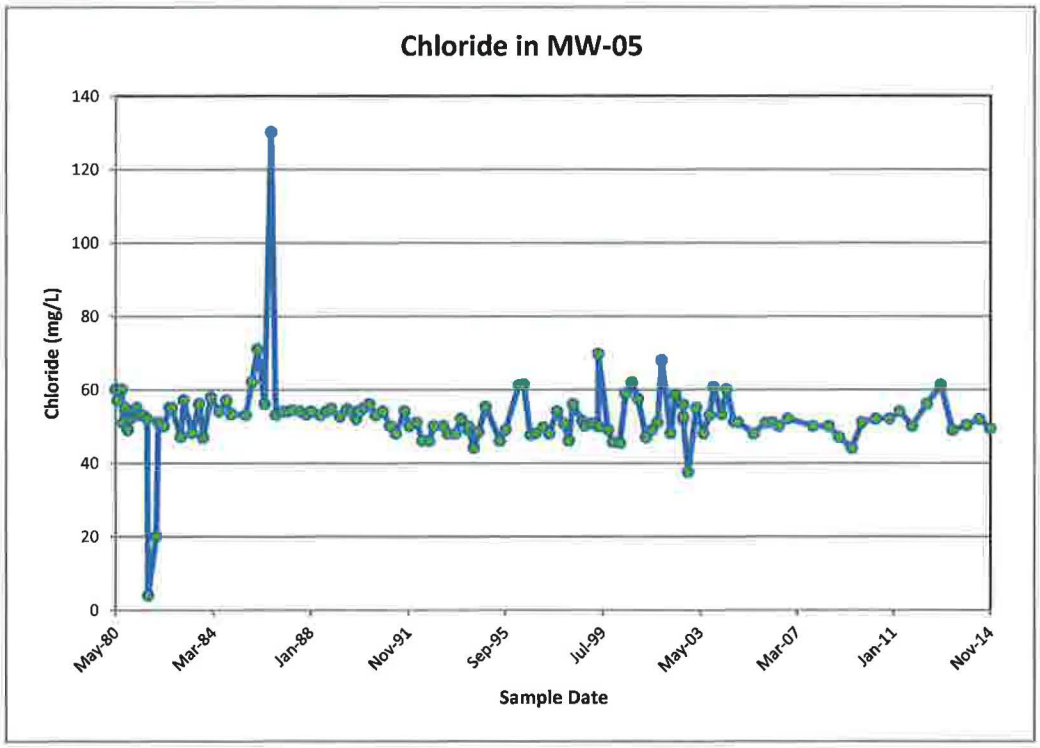


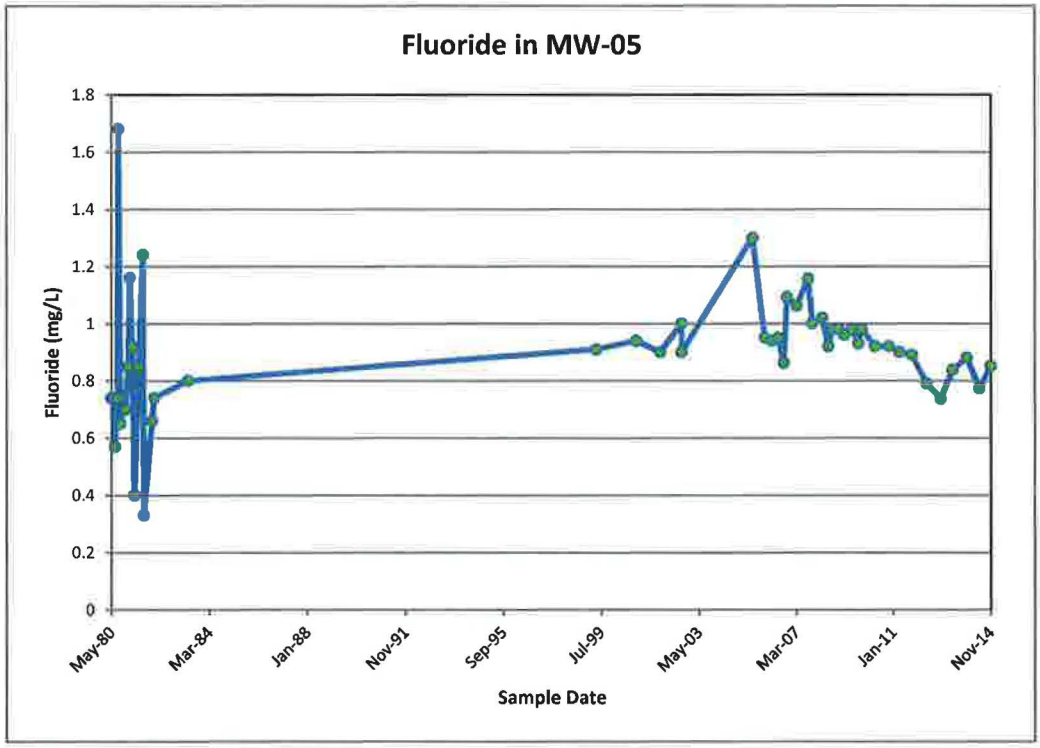
Time concentration plots for MW-03A



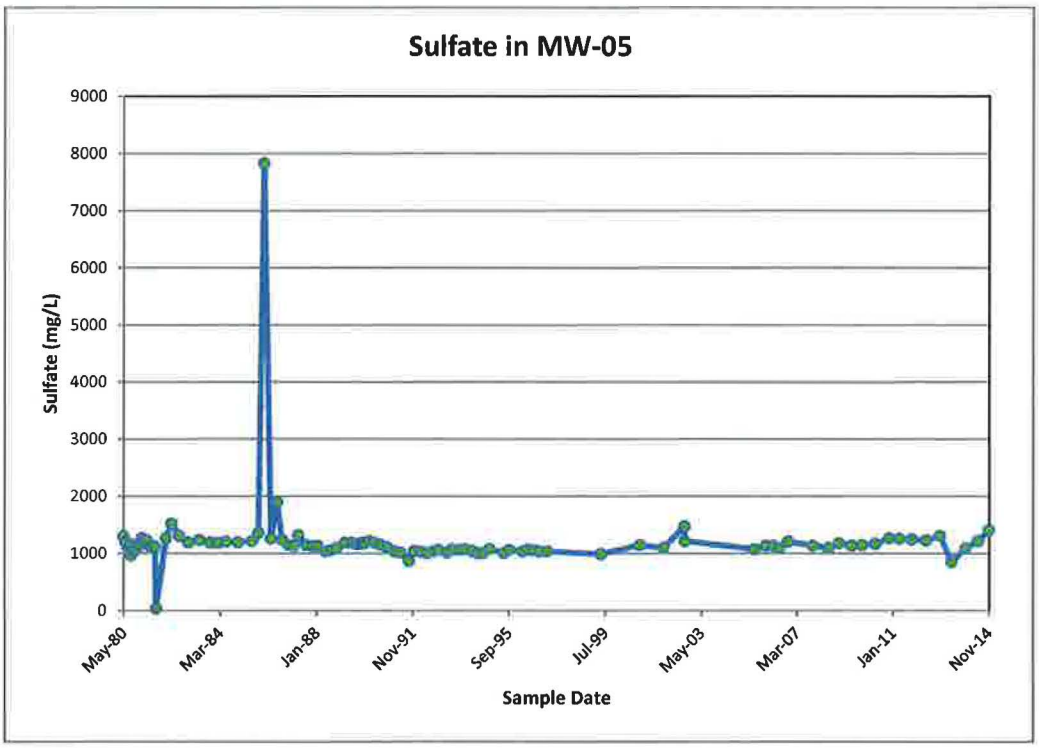


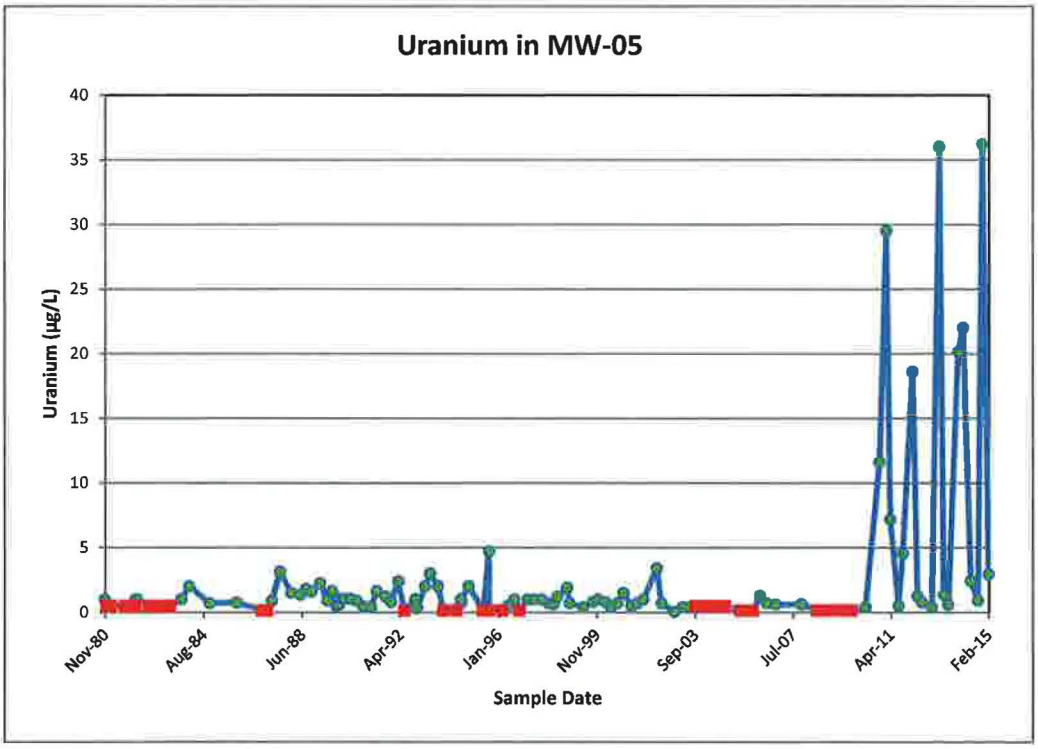
Time concentration plots for MW-05



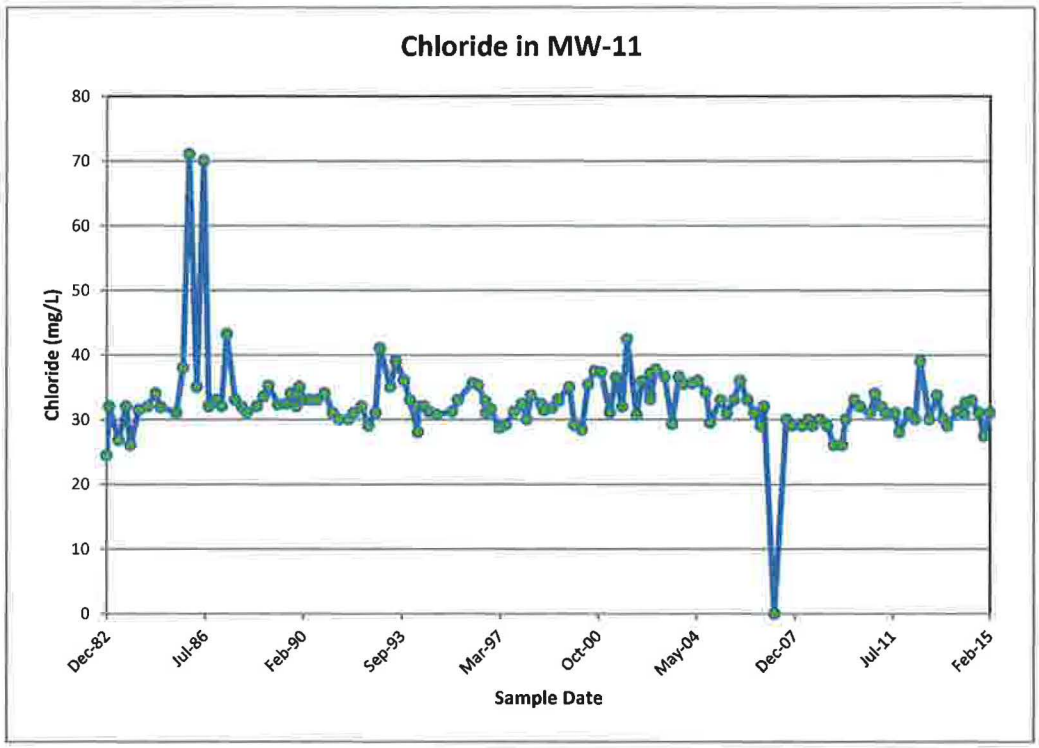


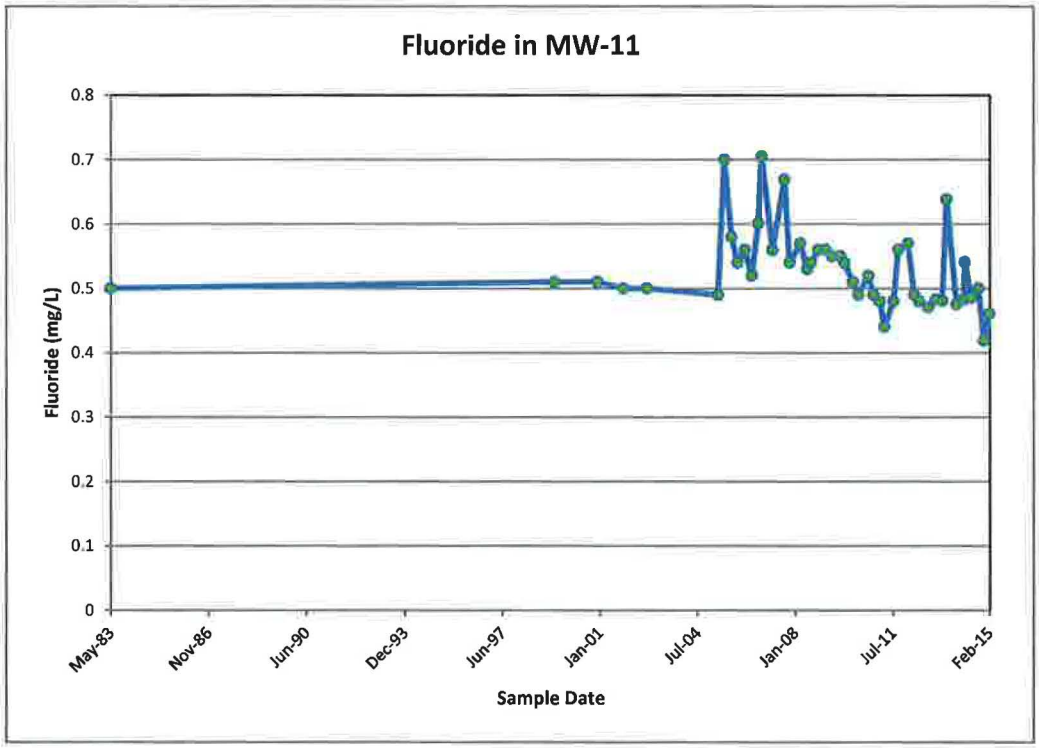
Time concentration plots for MW-05



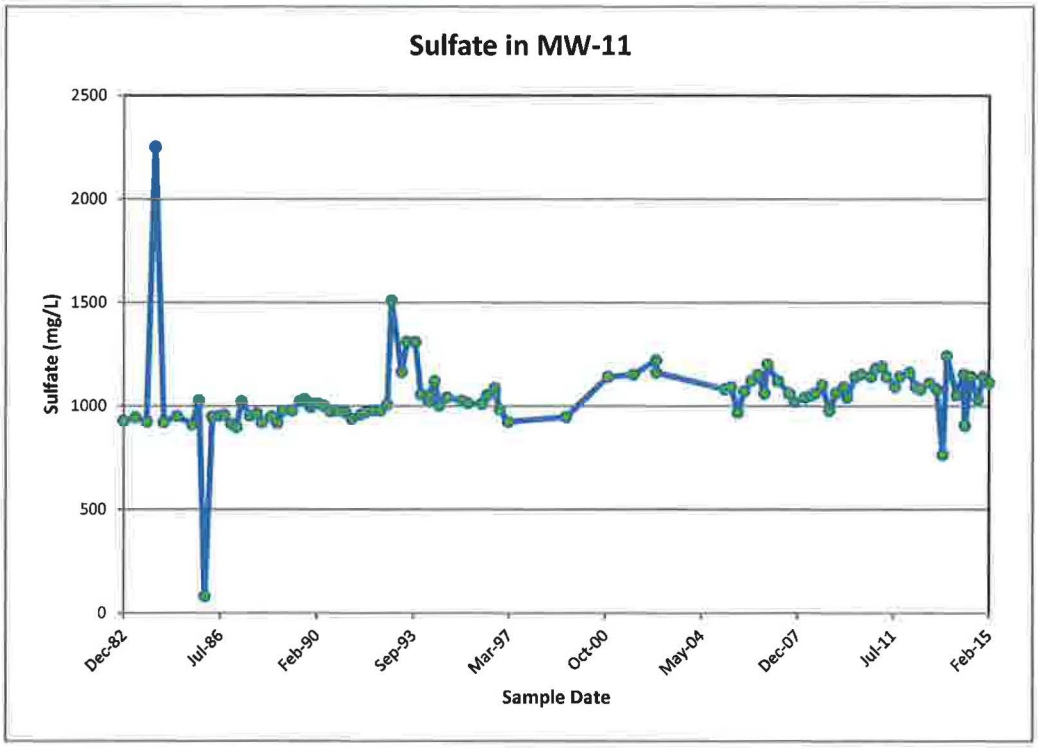


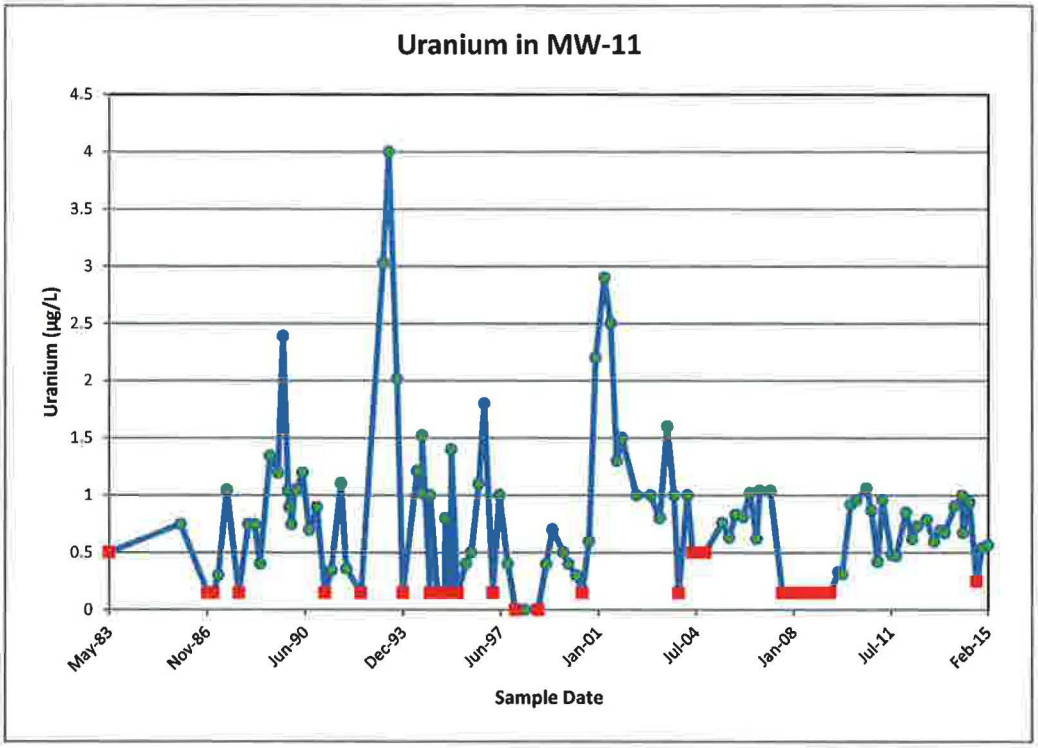
Time concentration plots for MW-11



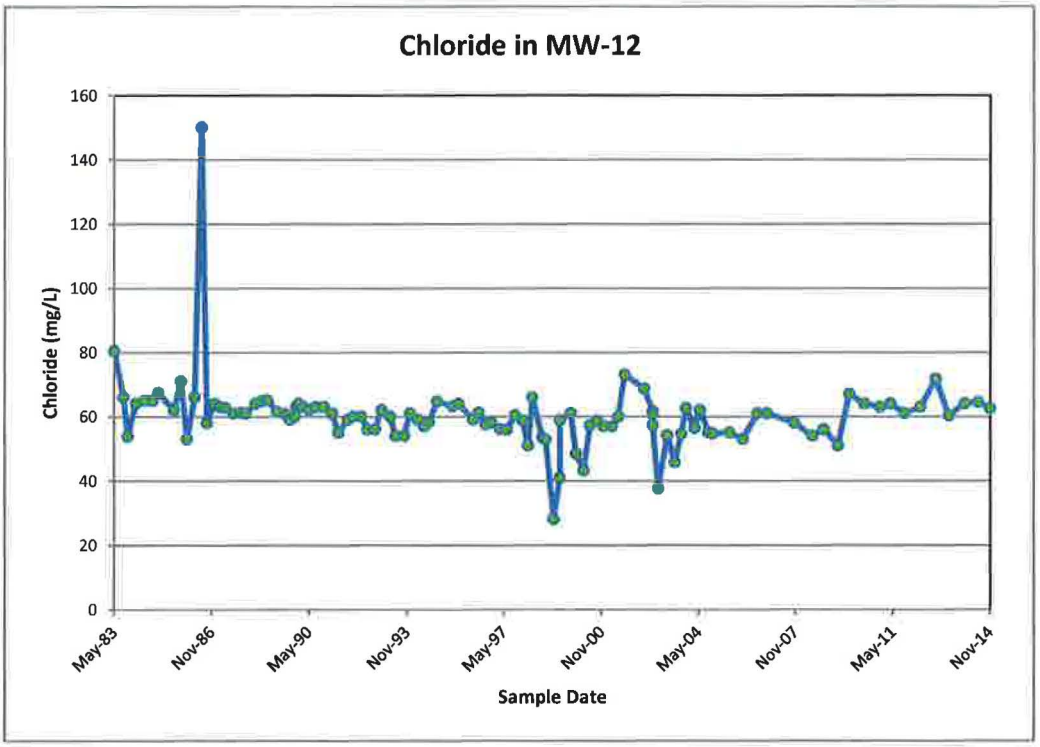


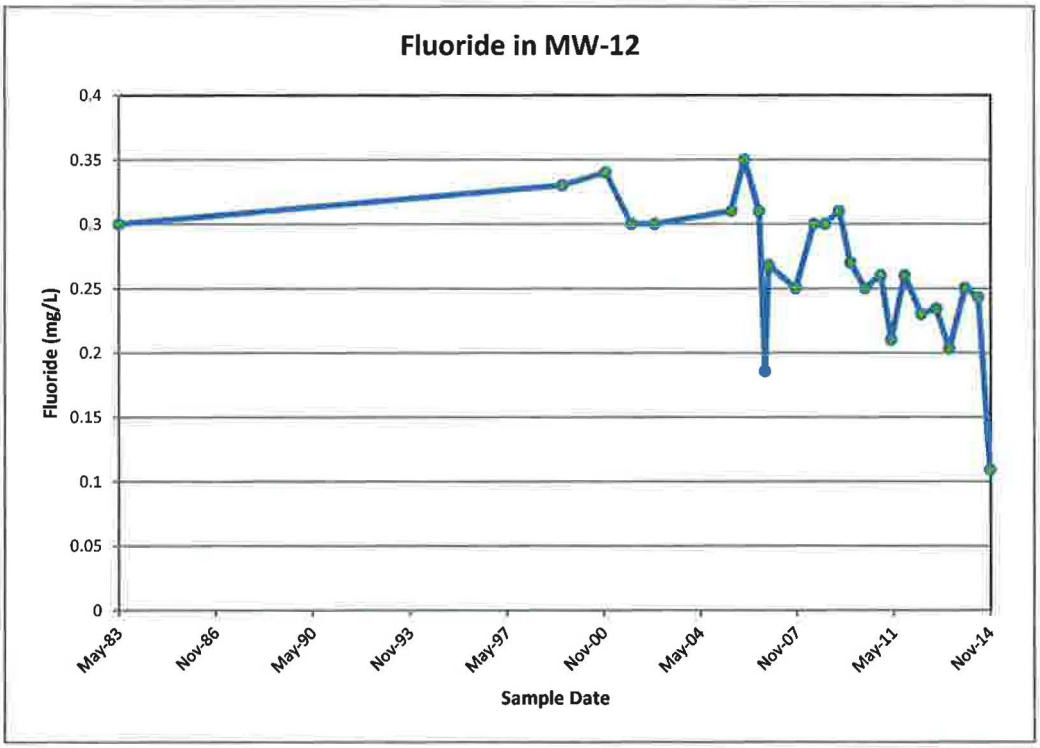
Time concentration plots for MW-11



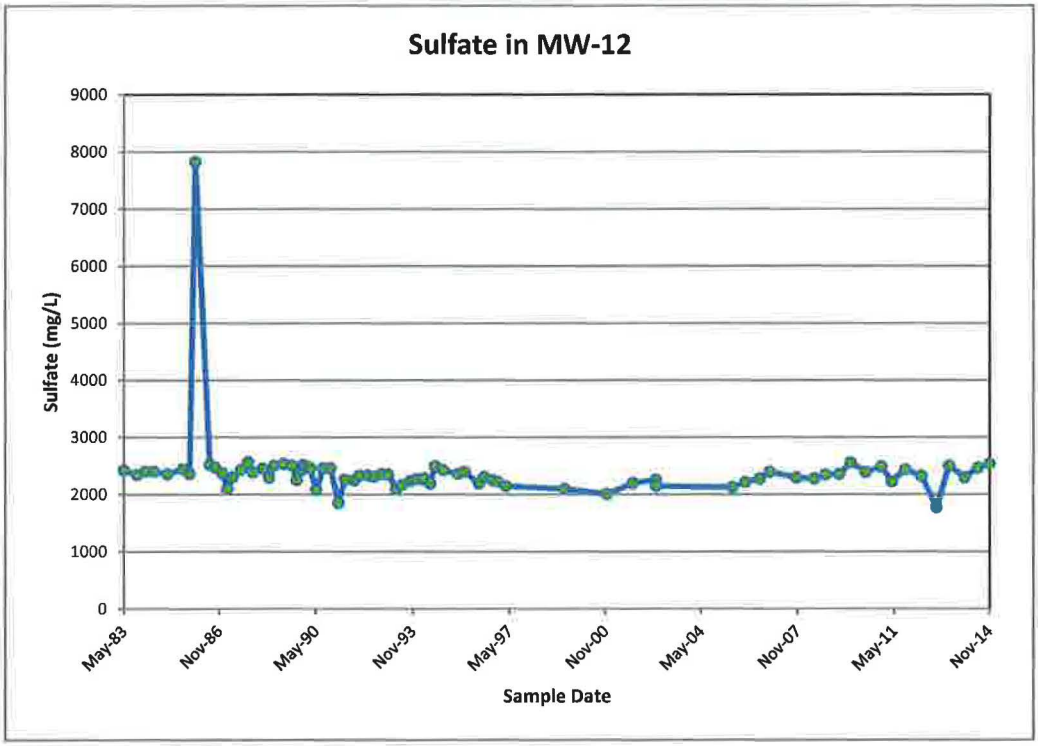


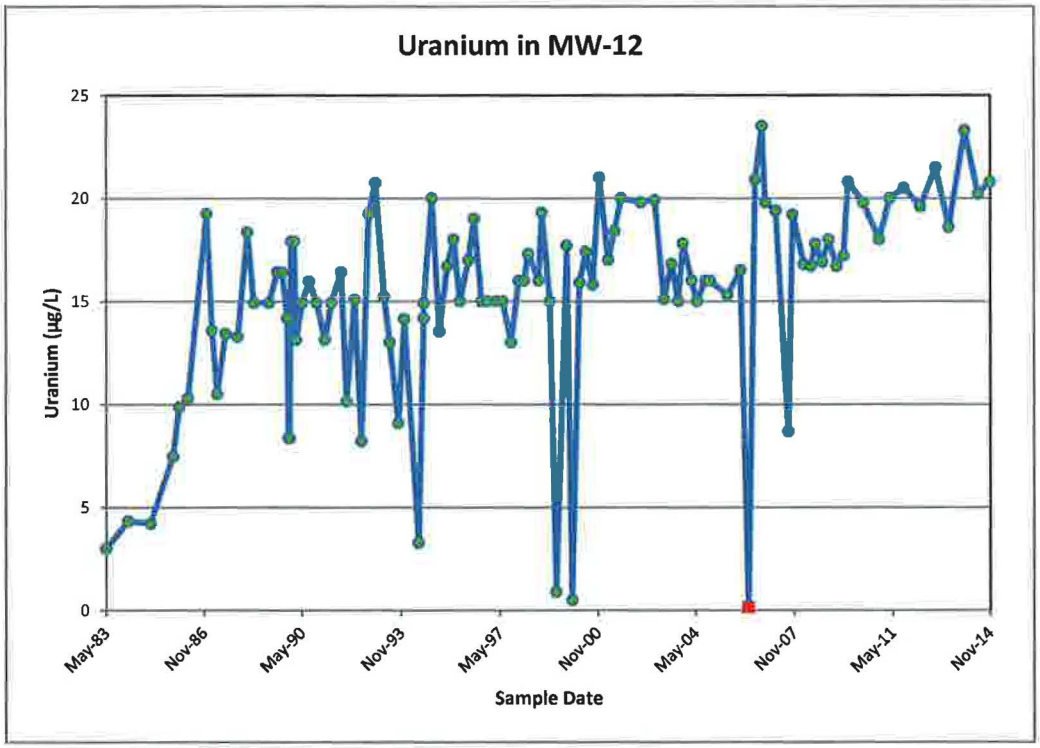
Time concentration plots for MW-12



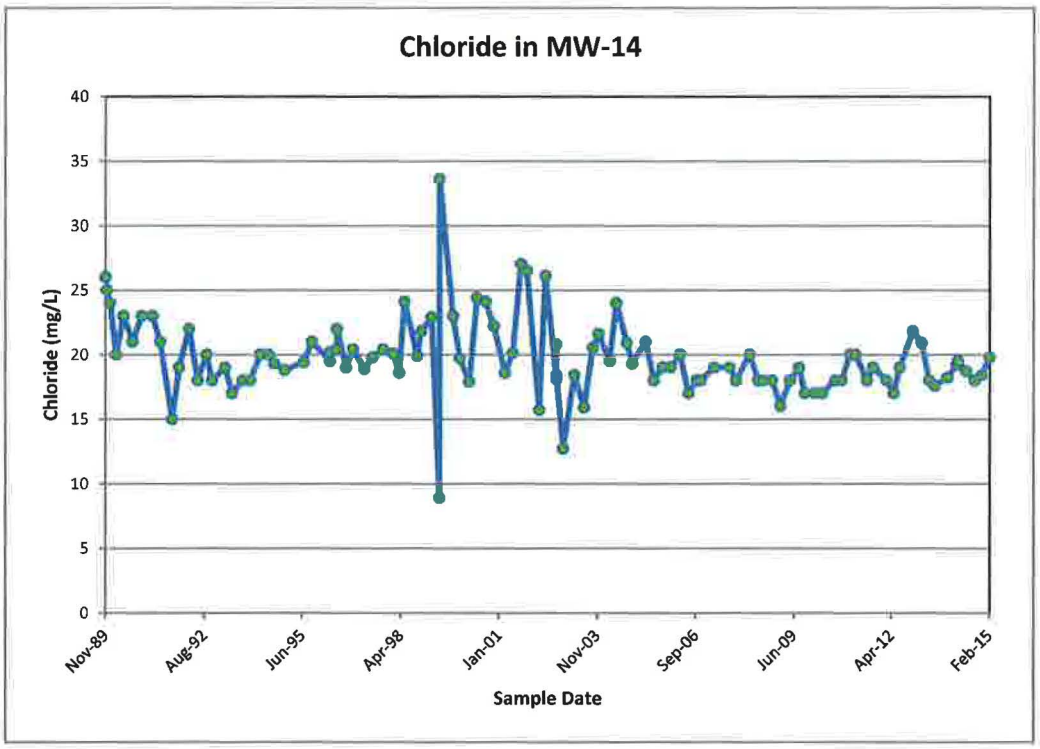


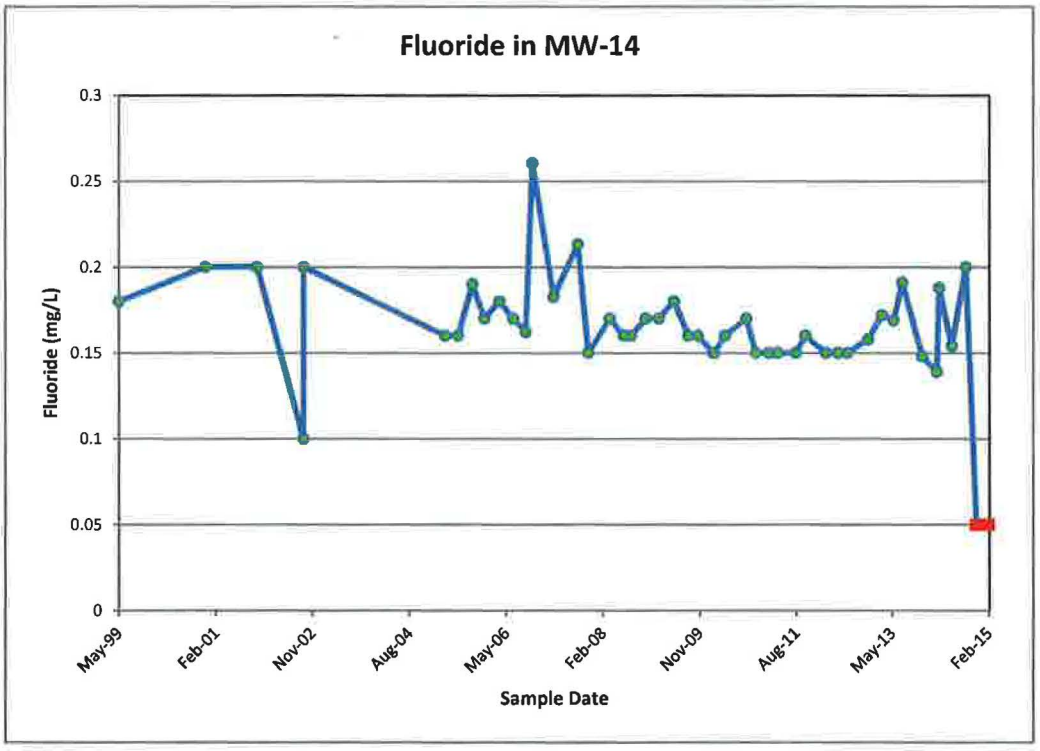
Time concentration plots for MW-12



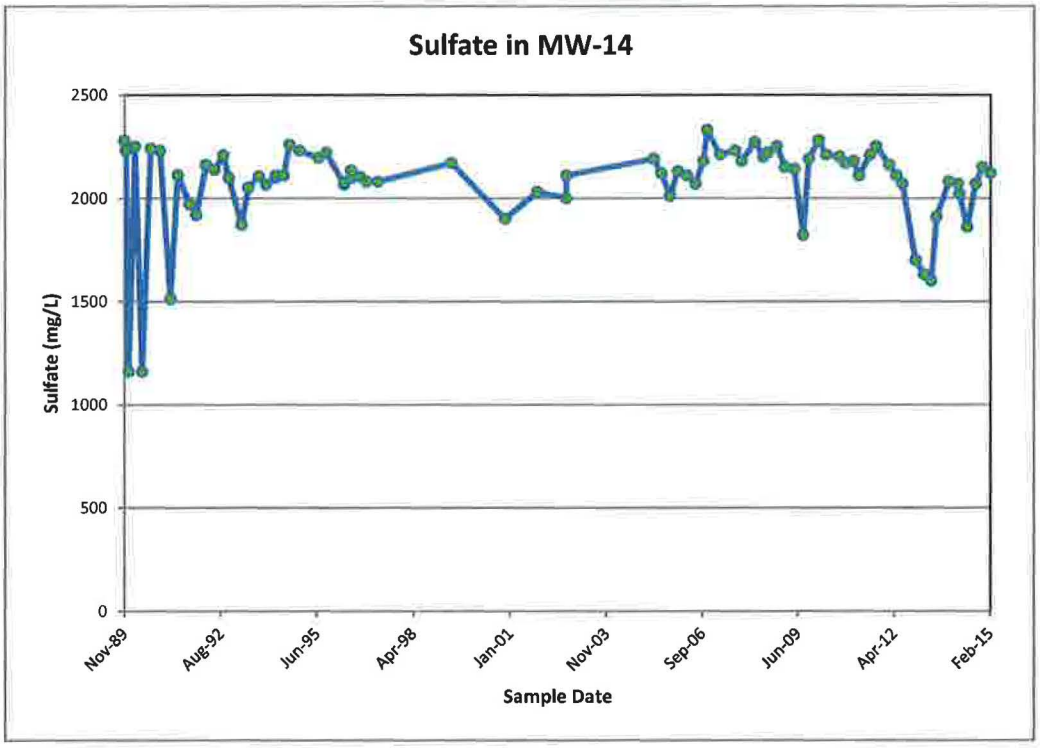


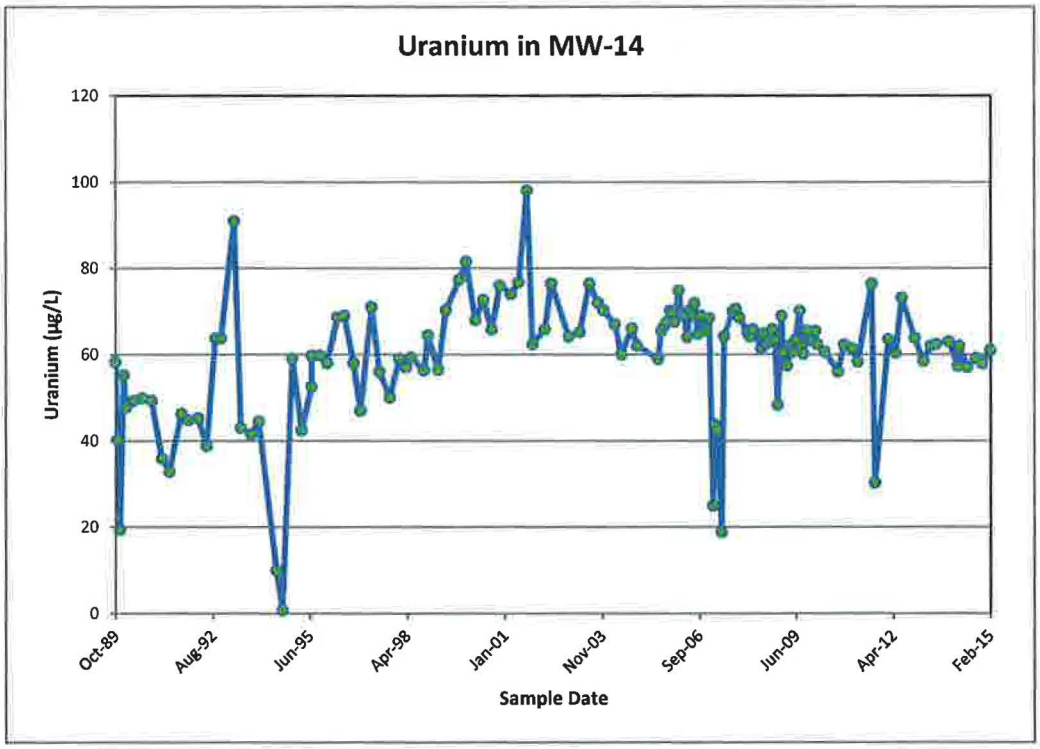
Time concentration plots for MW-14





Time concentration plots for MW-14

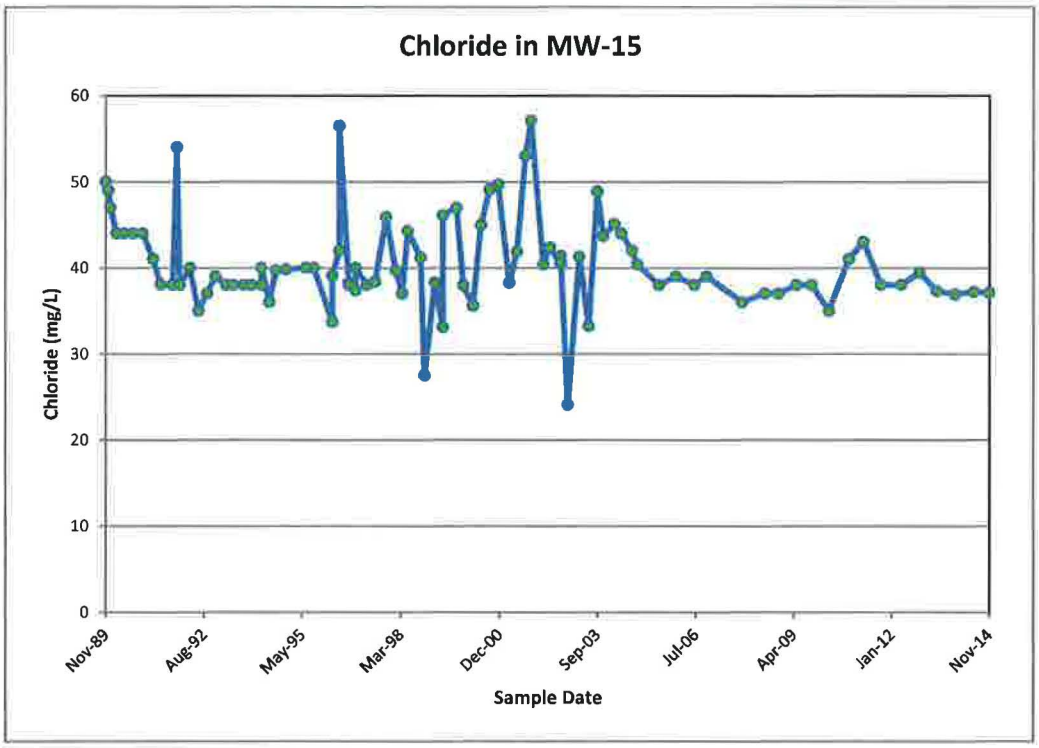


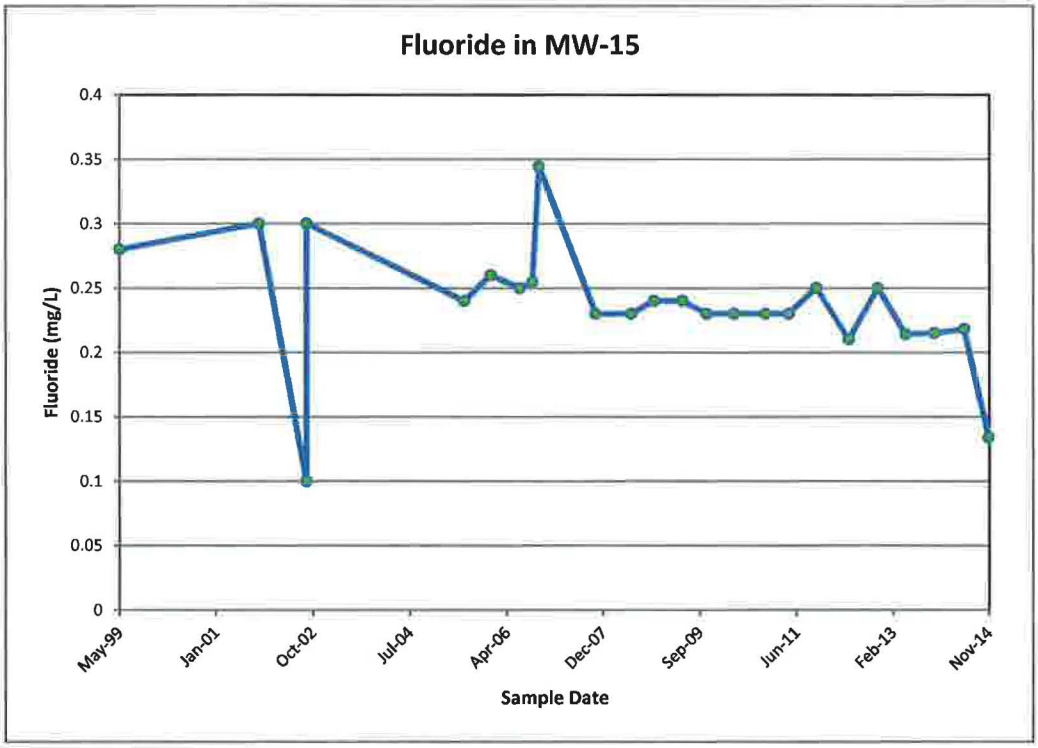


Detected Values

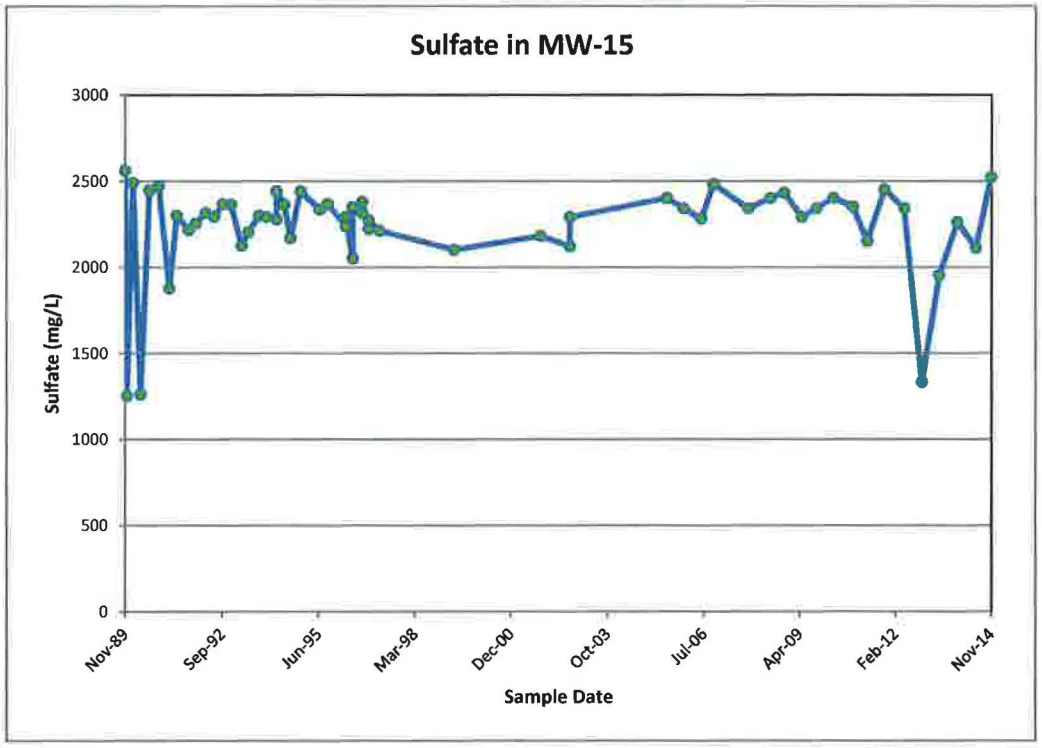
Non-Detected Values

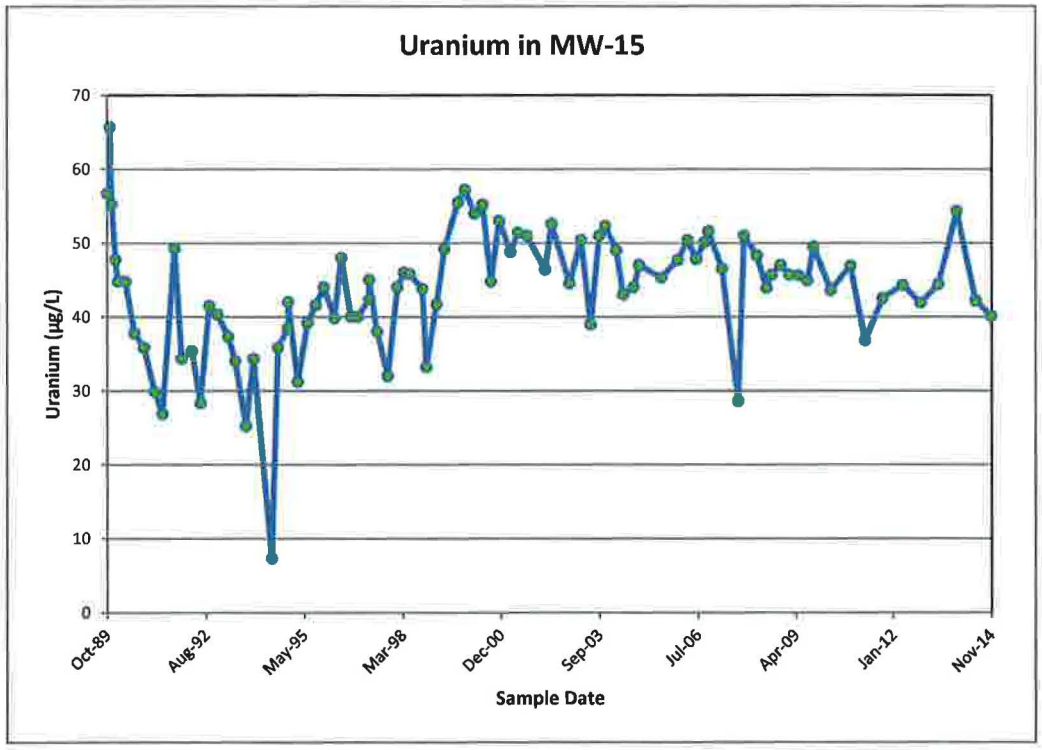
Time concentration plots for MW-15



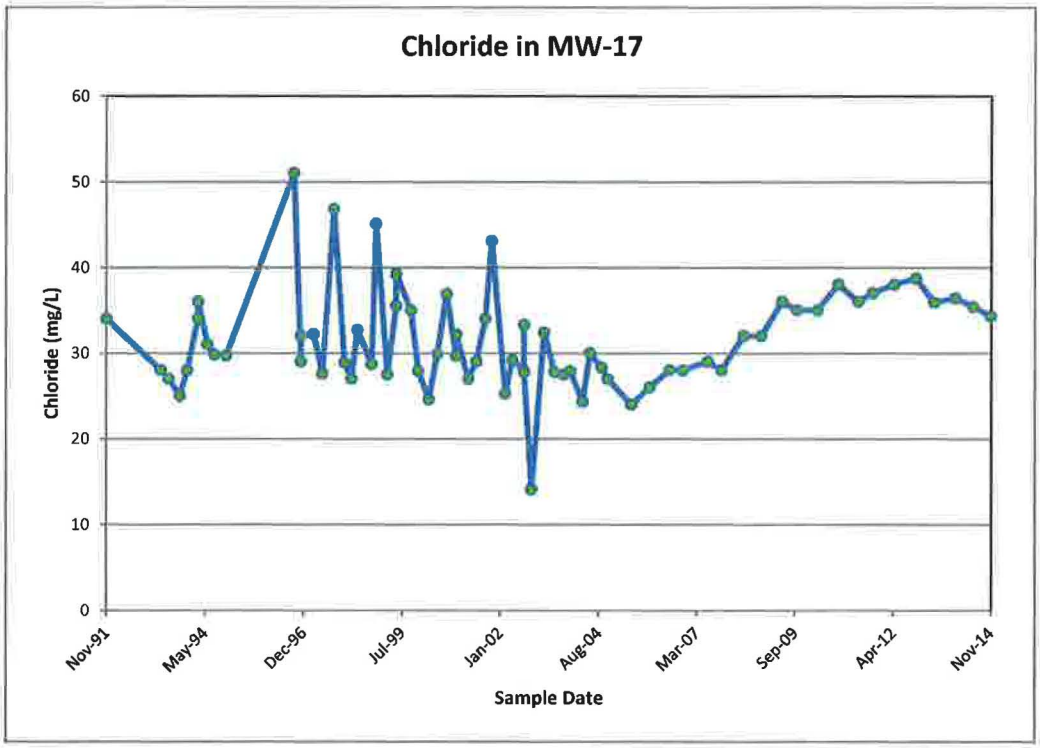


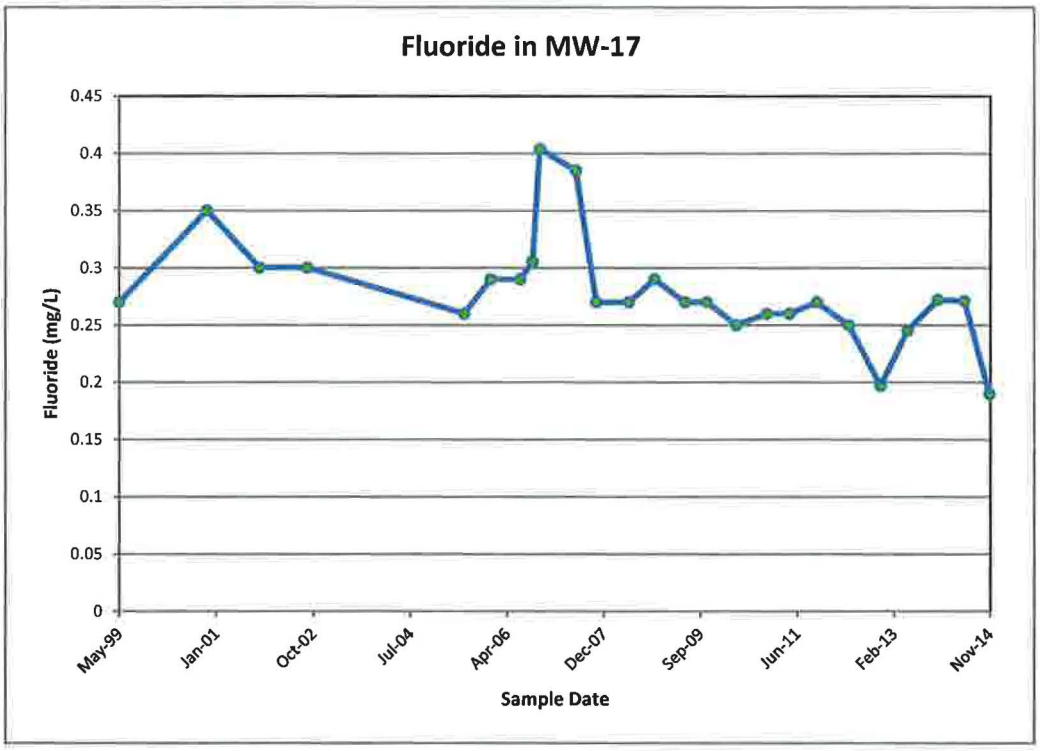
Time concentration plots for MW-15



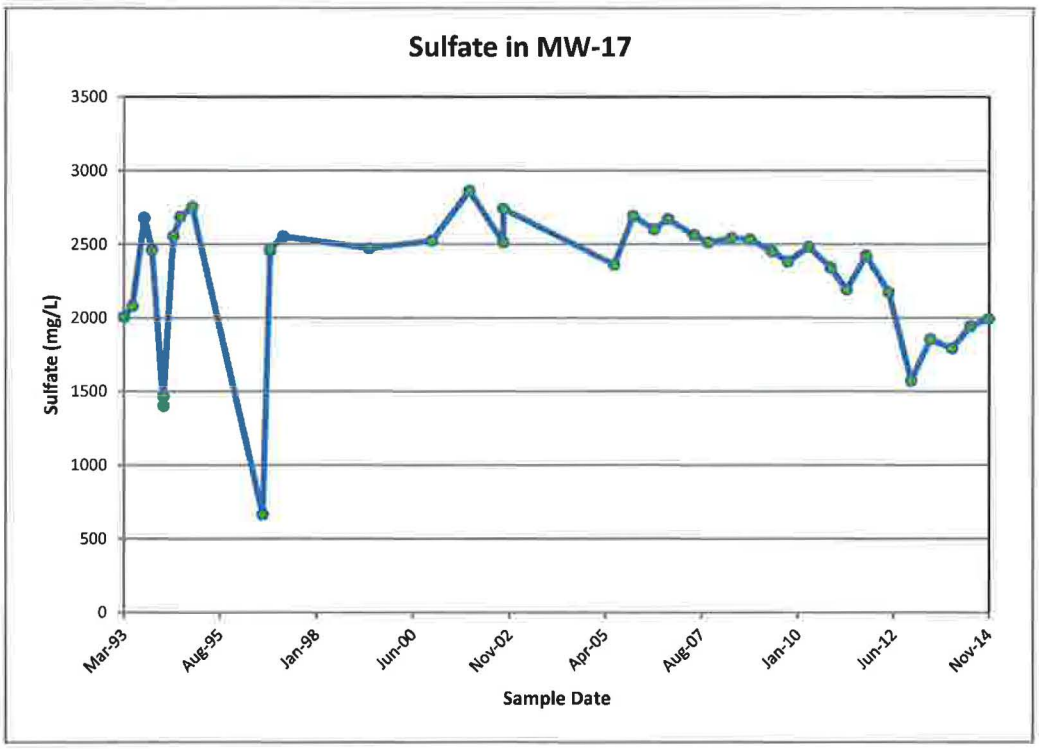


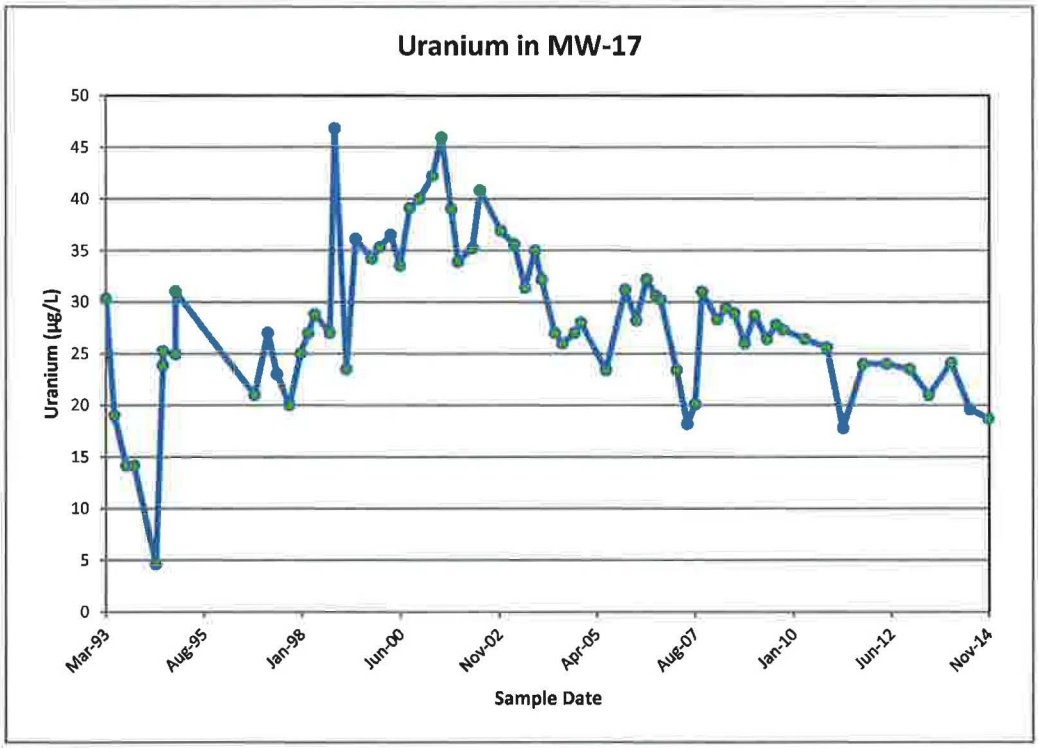
Time concentration plots for MW-17



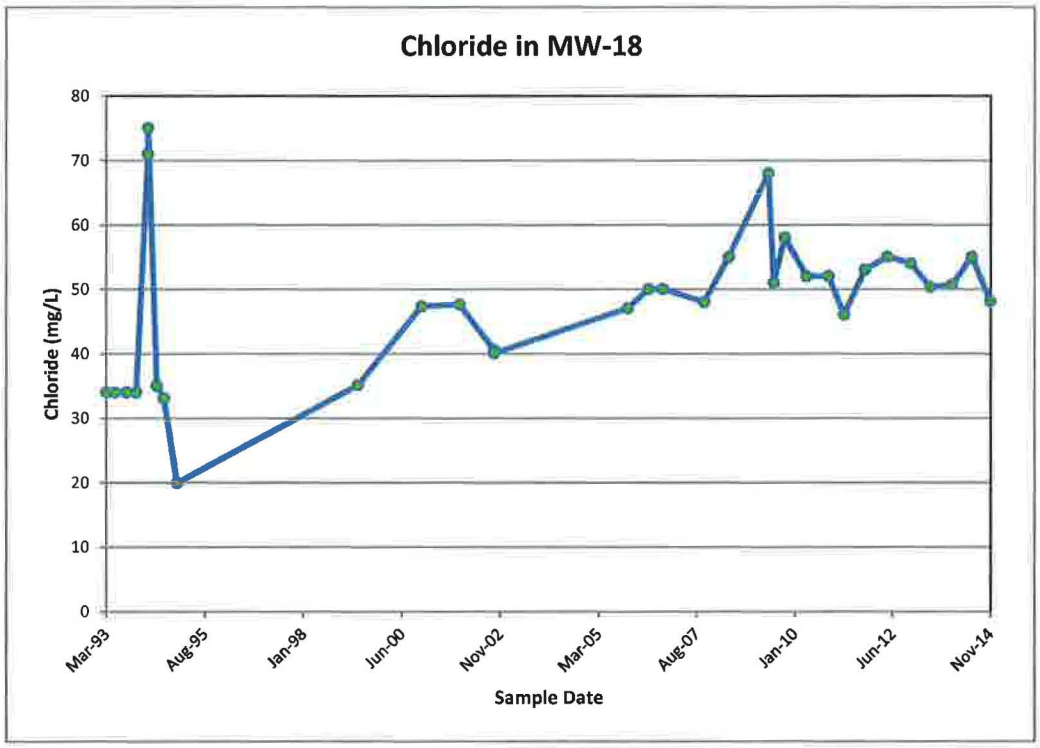


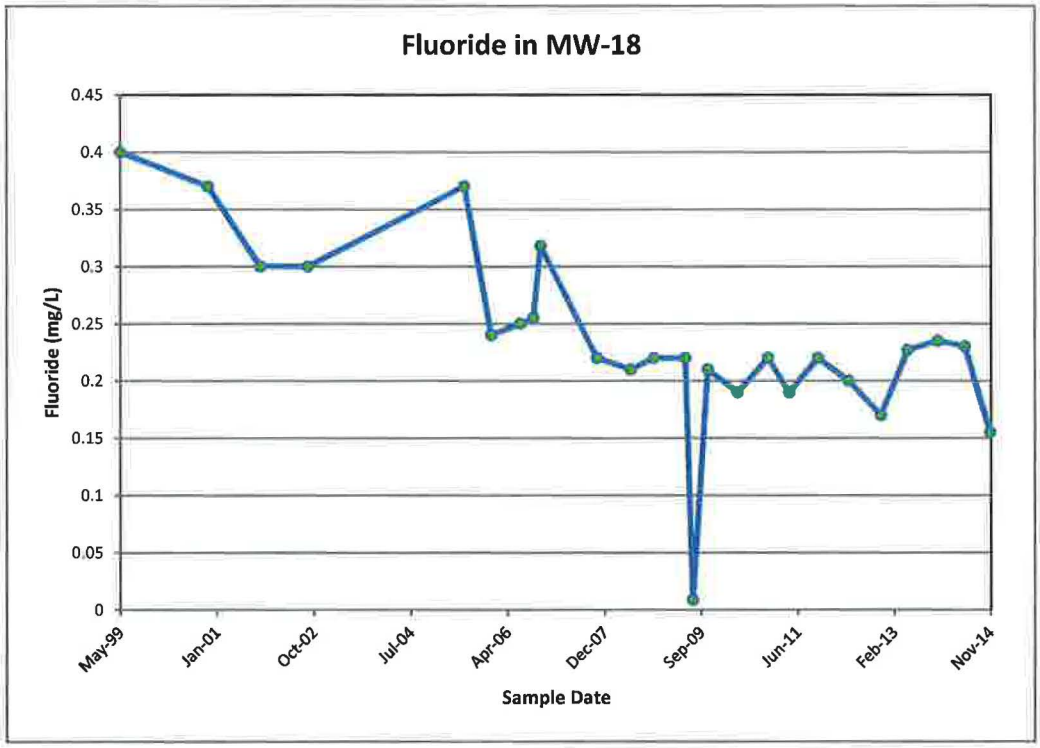
Time concentration plots for MW-17



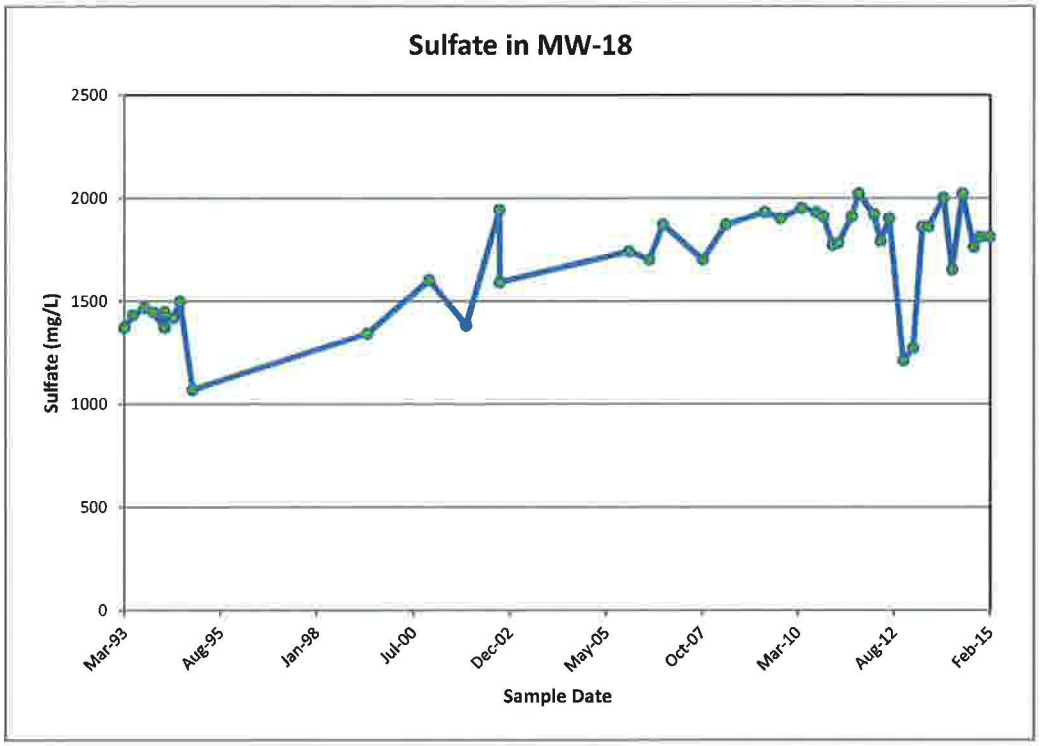


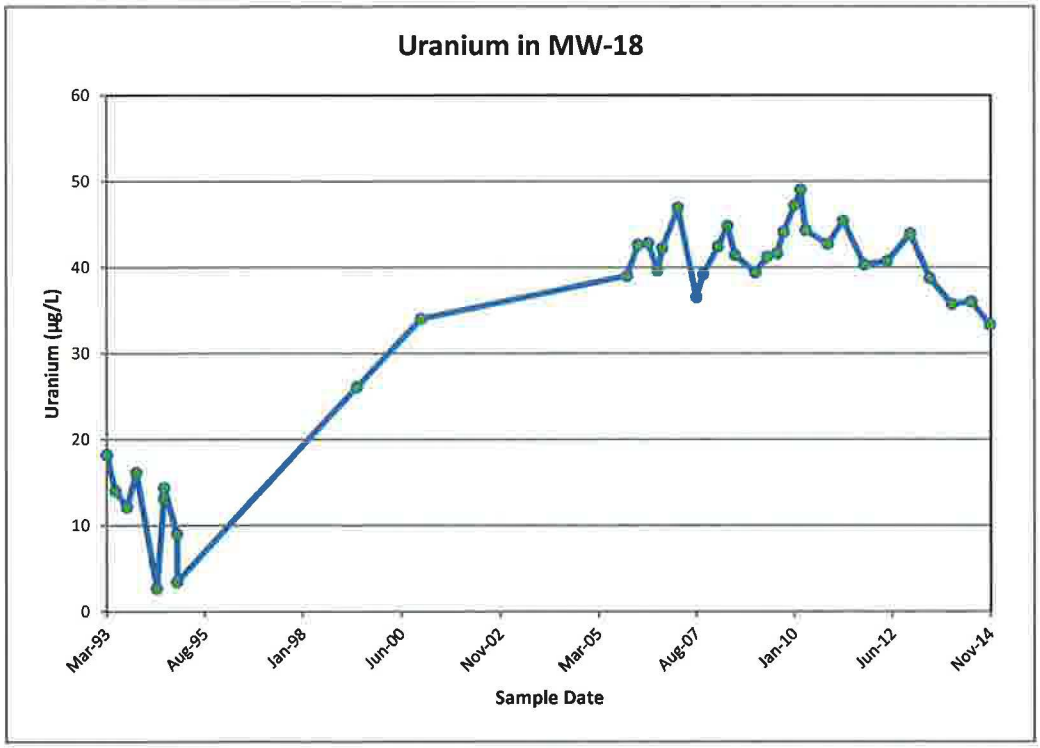
Time concentration plots for MW-18



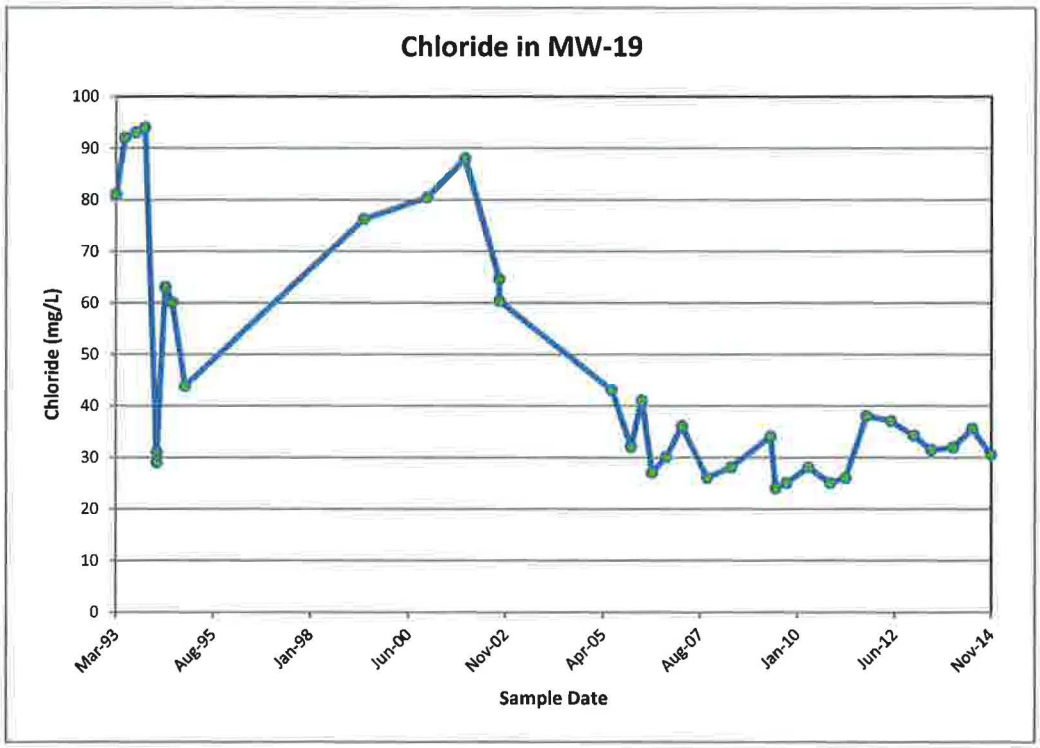


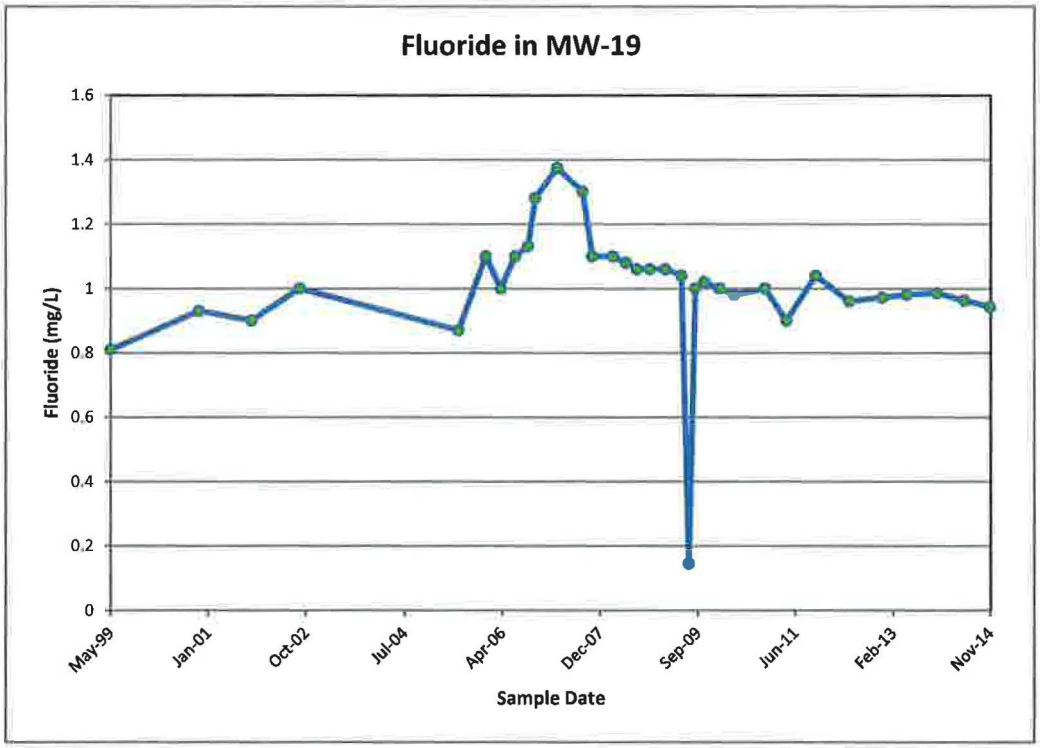
Time concentration plots for MW-18



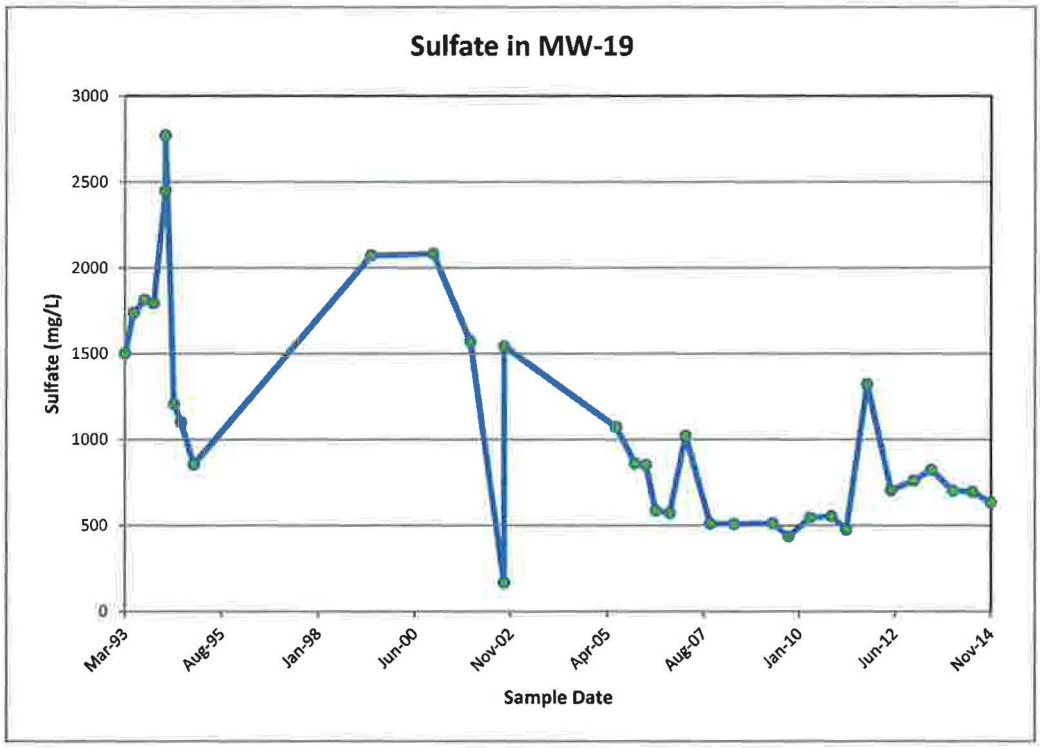


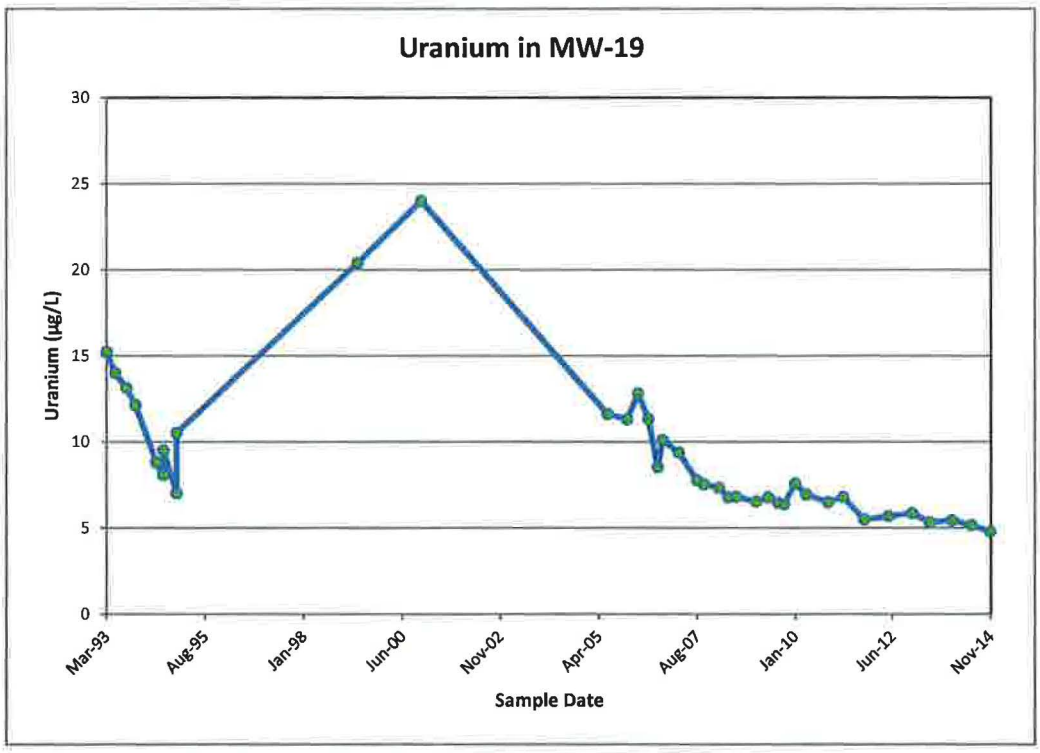
Time concentration plots for MW-19



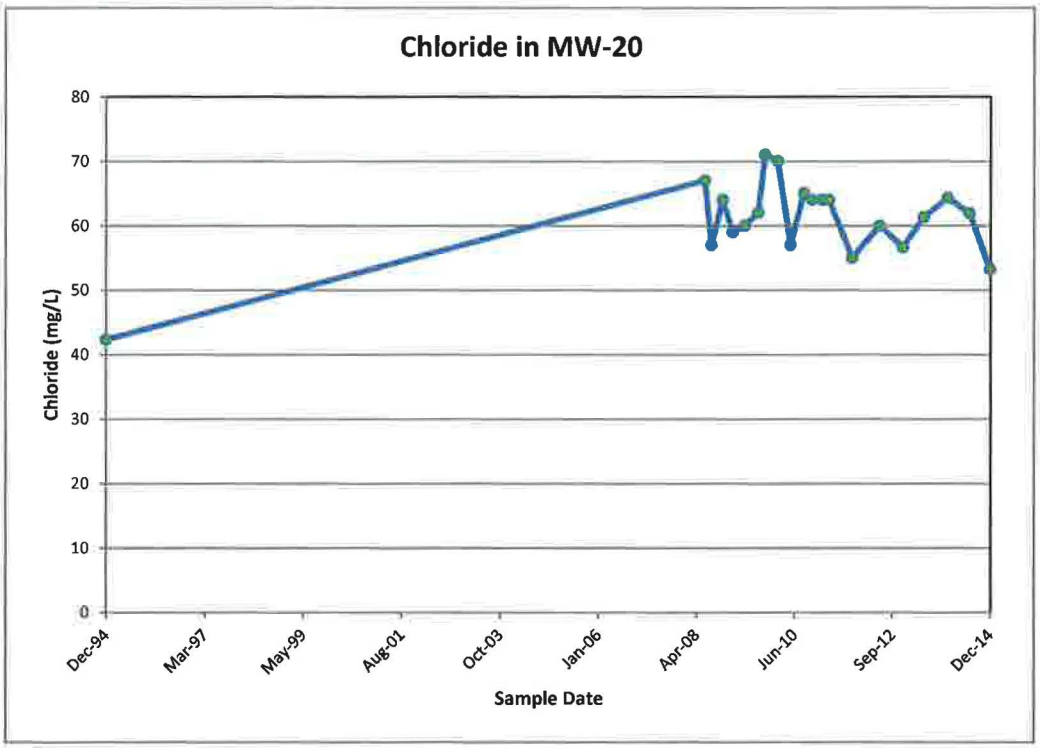


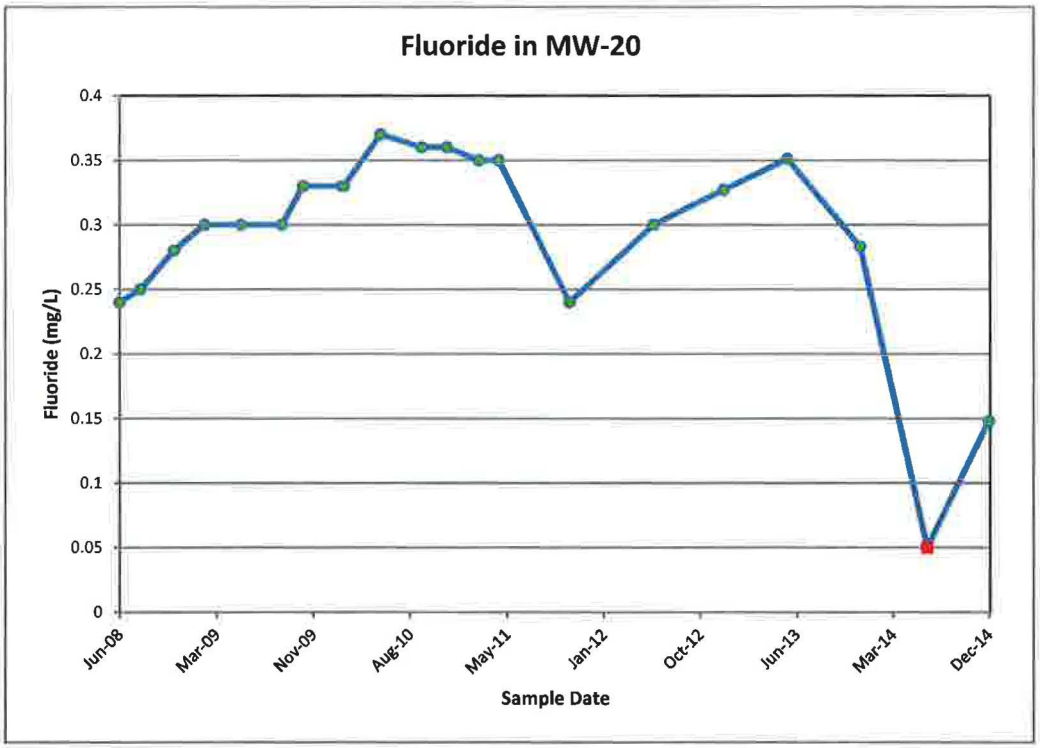
Time concentration plots for MW-19



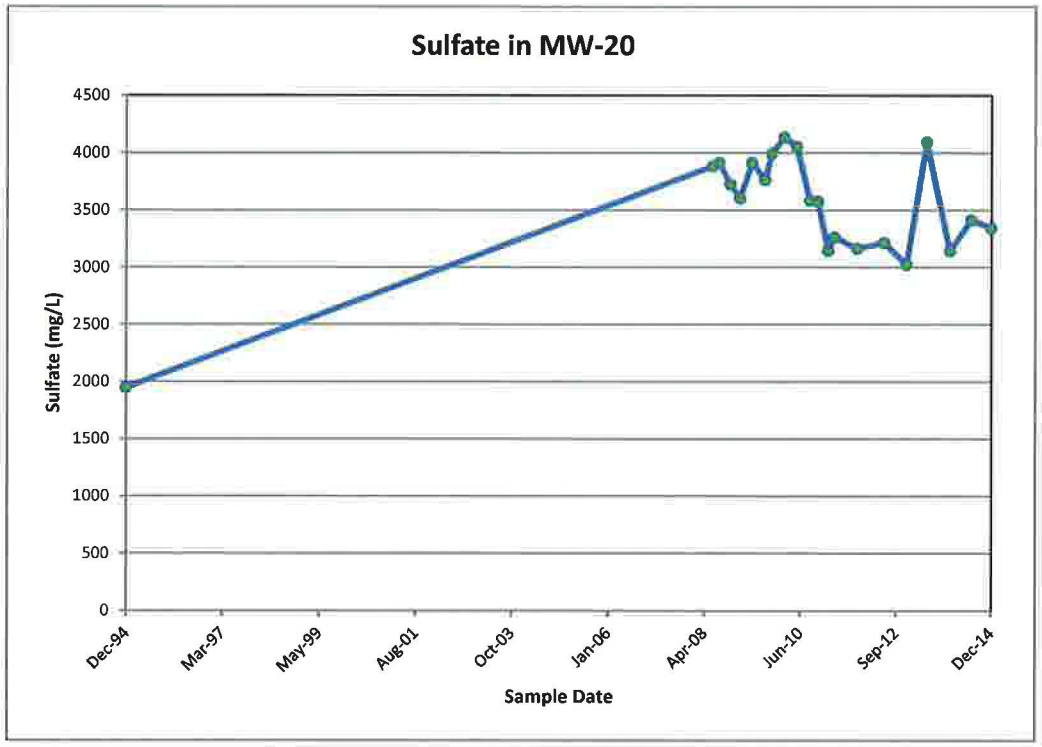


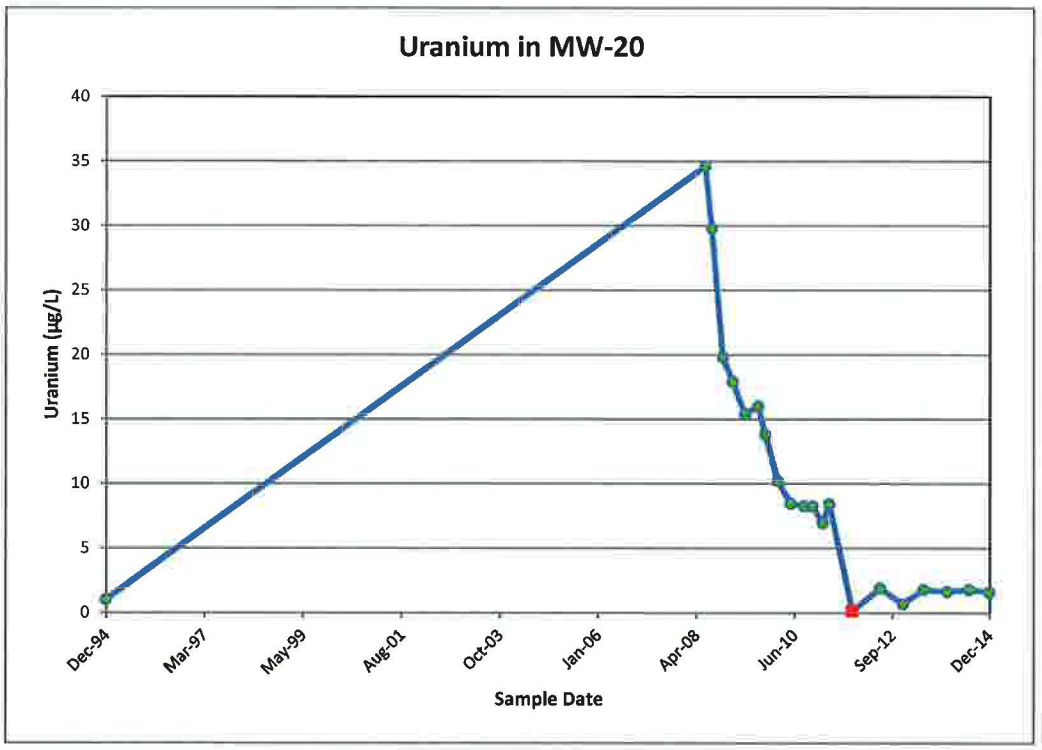
Time concentration plots for MW-20





Time concentration plots for MW-20

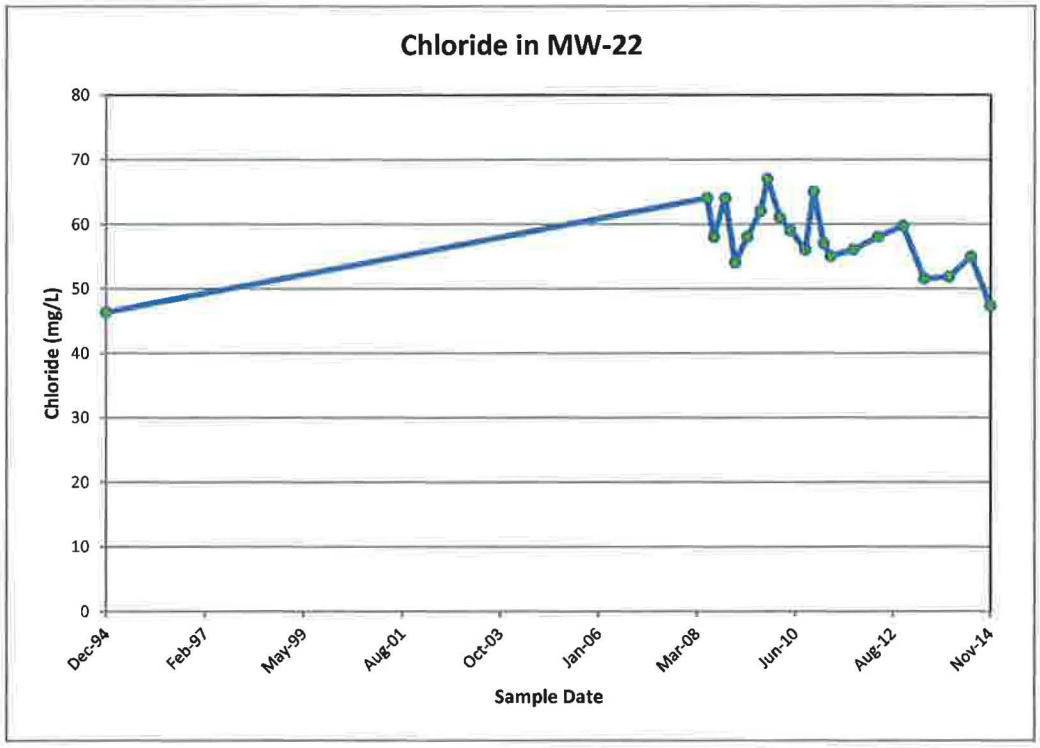


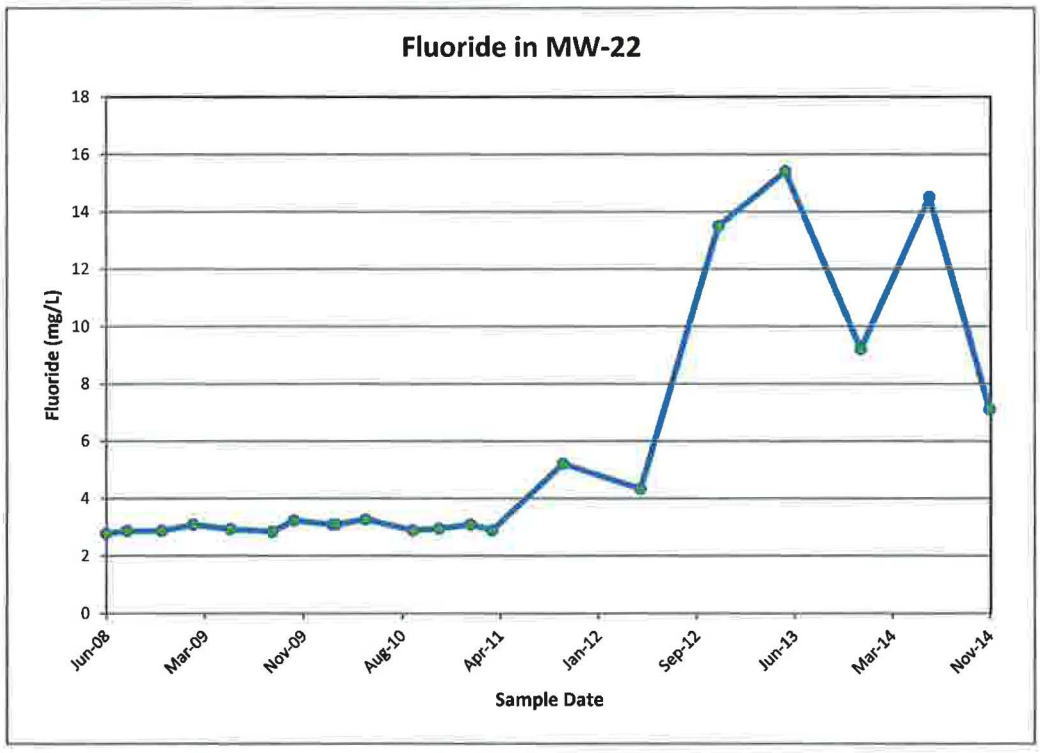


Detected Values

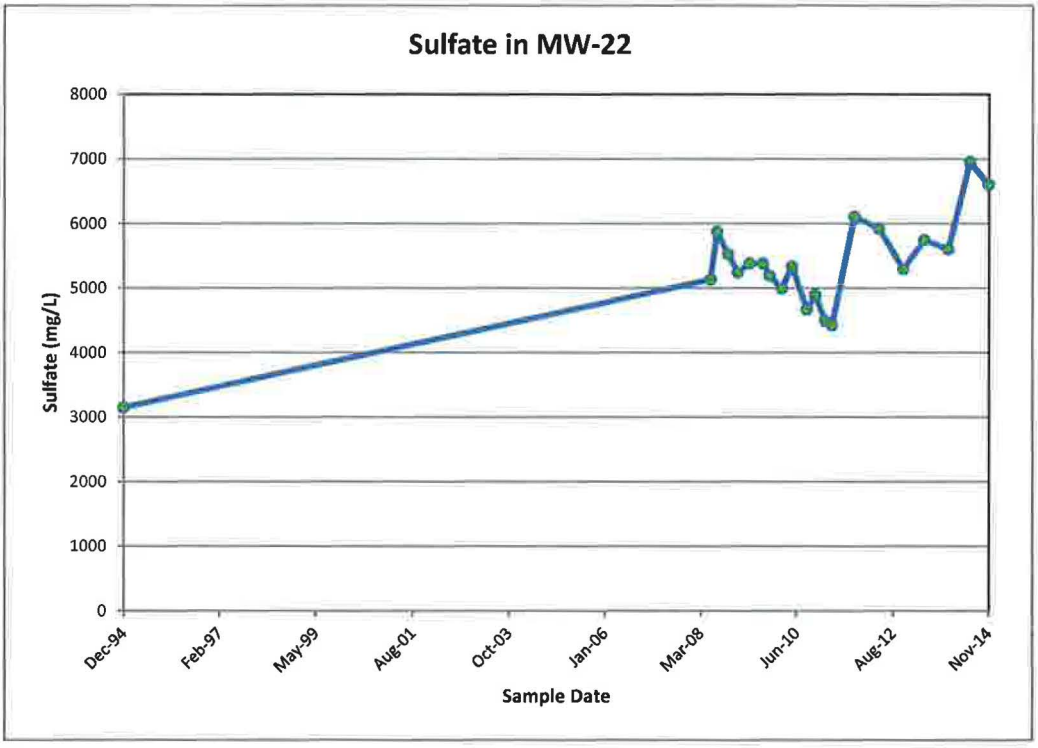
Non-Detected Values

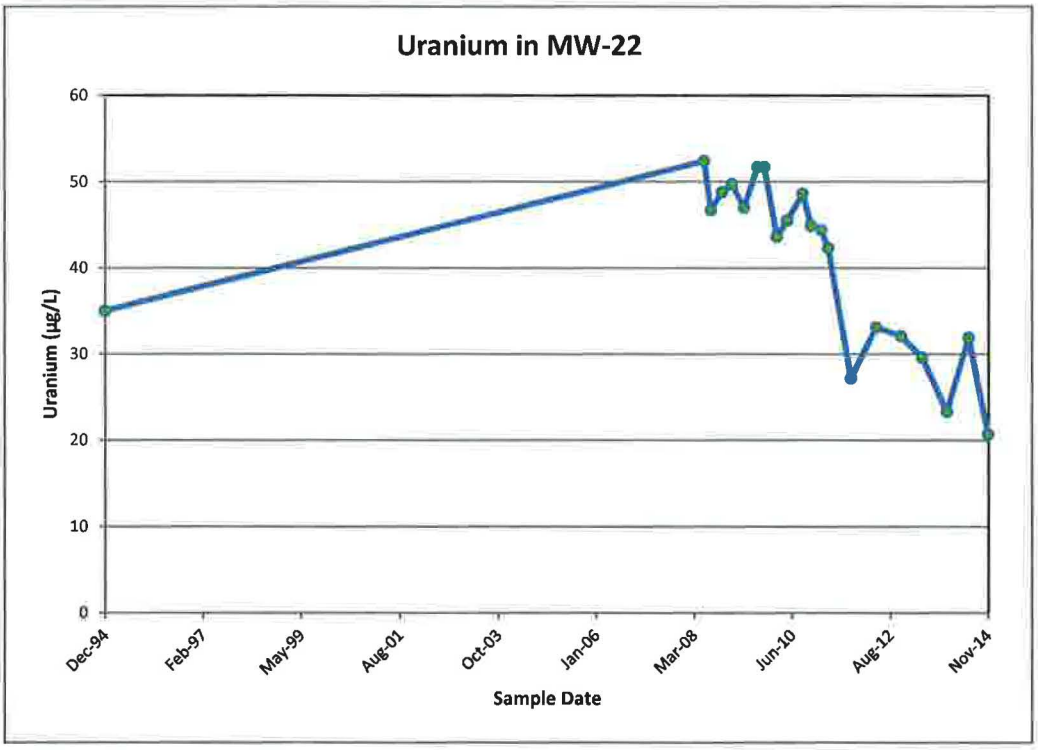
Time concentration plots for MW-22



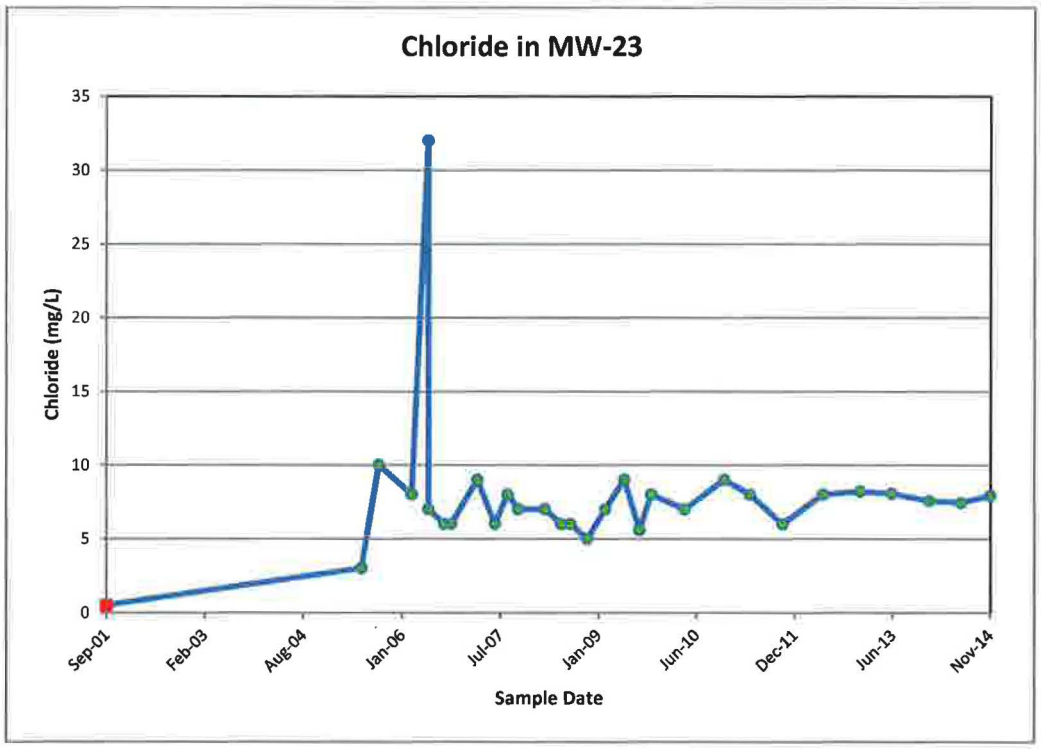


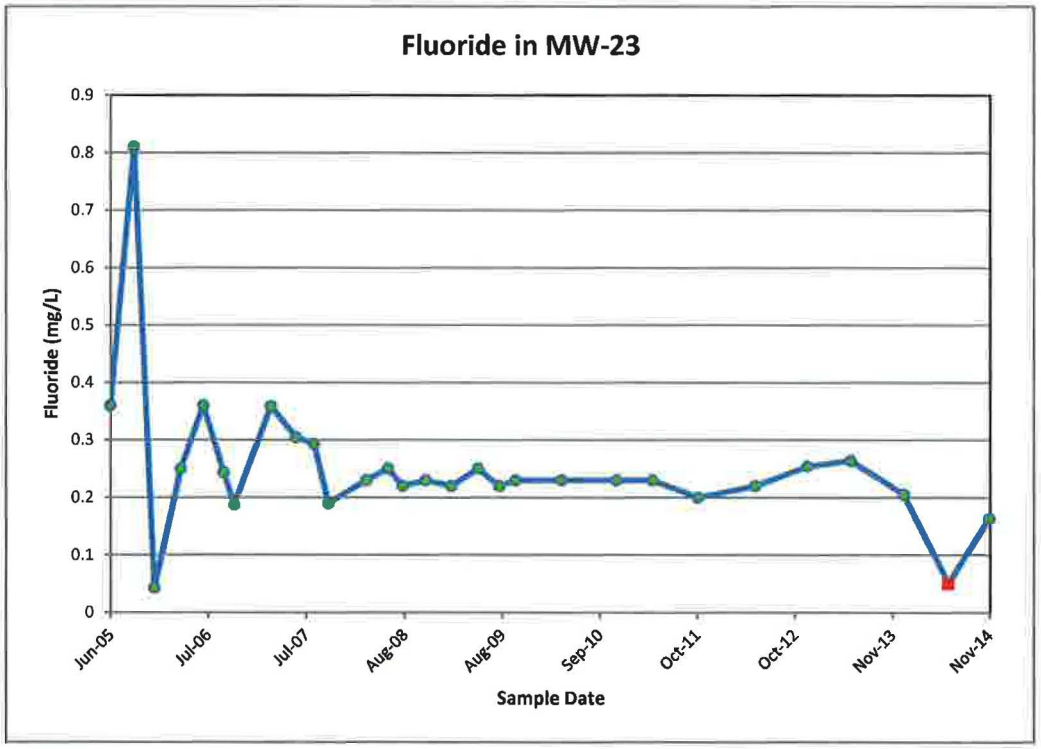
Time concentration plots for MW-22





Time concentration plots for MW-23

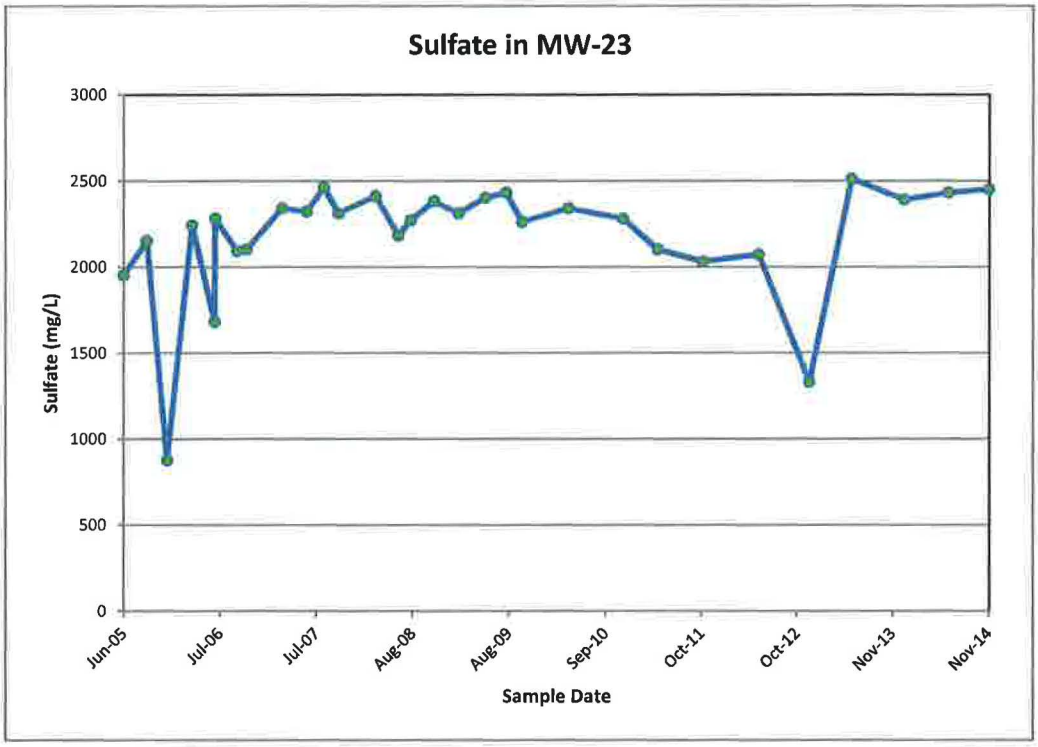


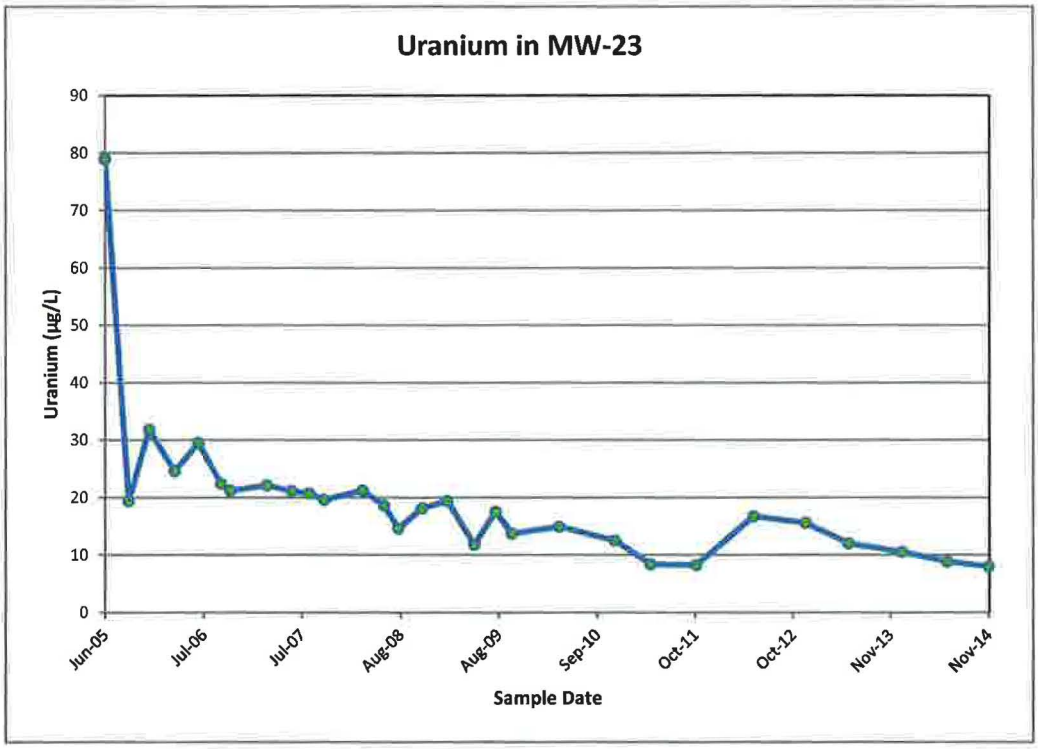


Detected Values

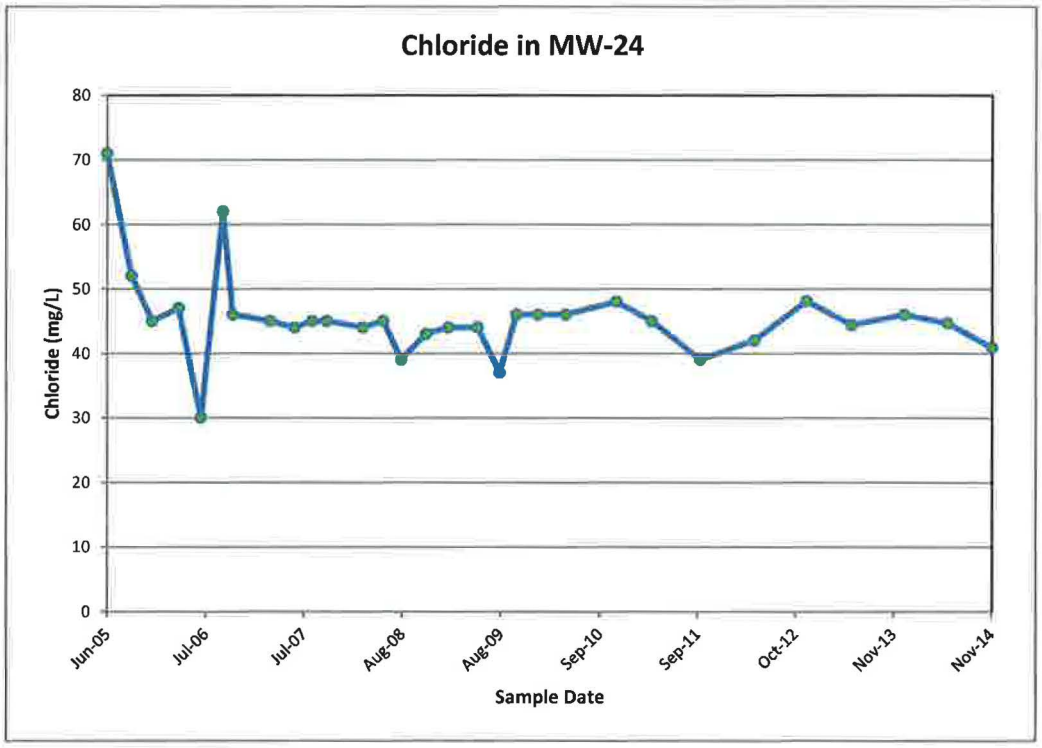
Non-Detected Values

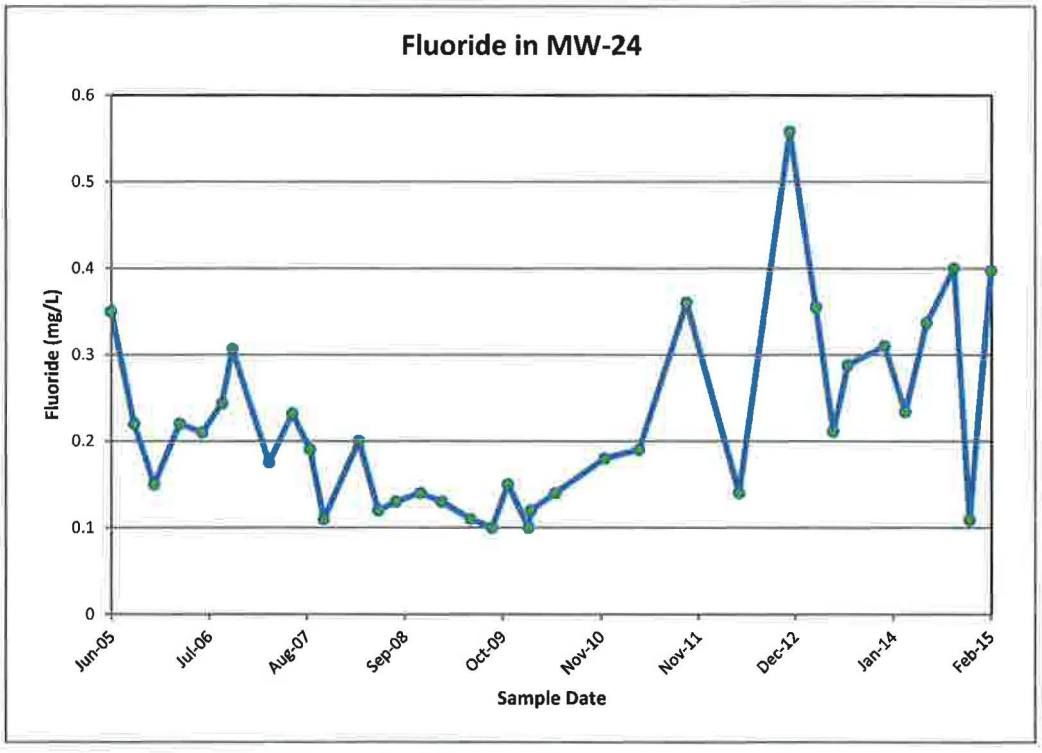
Time concentration plots for MW-23





Time concentration plots for MW-24

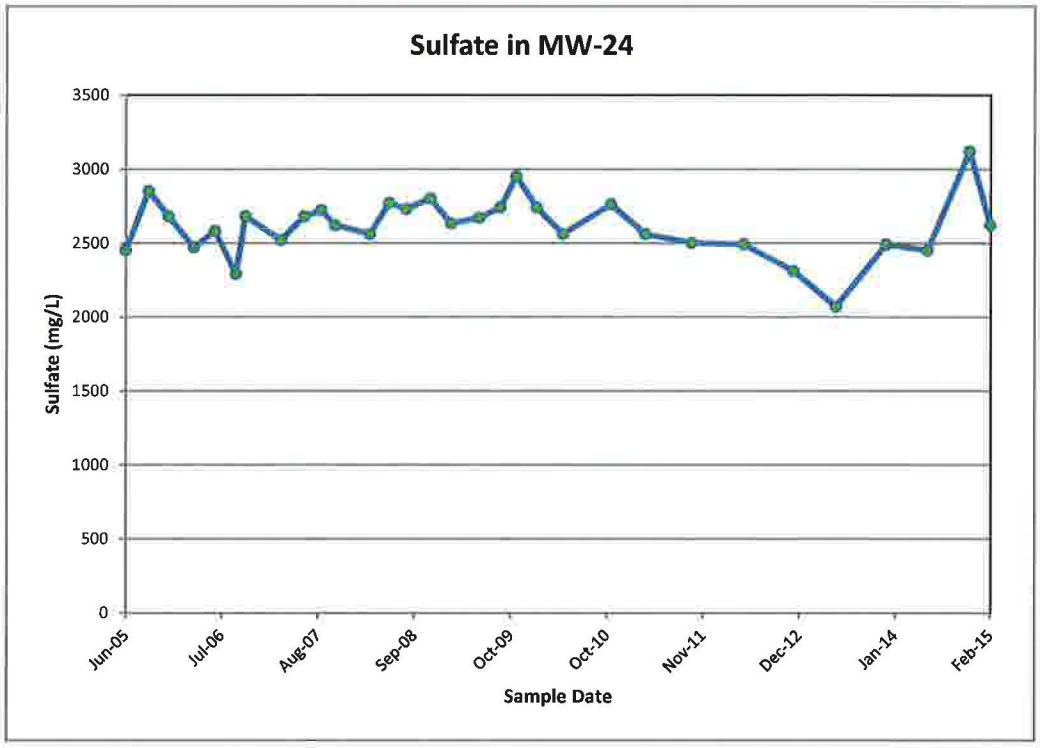


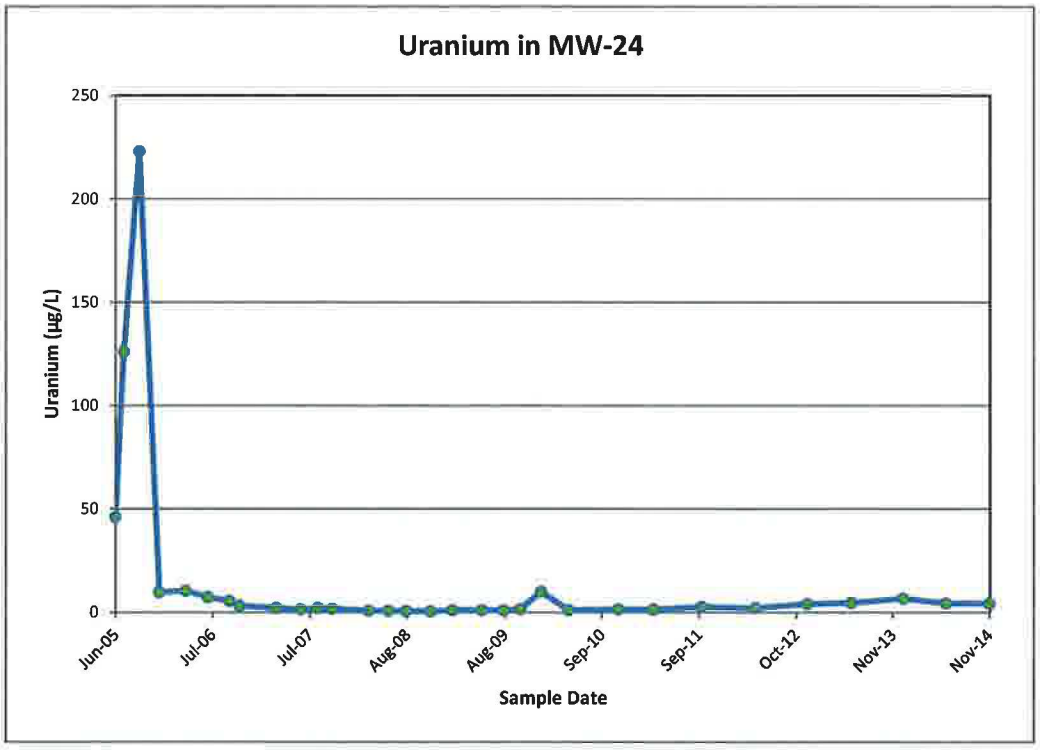


Detected Values

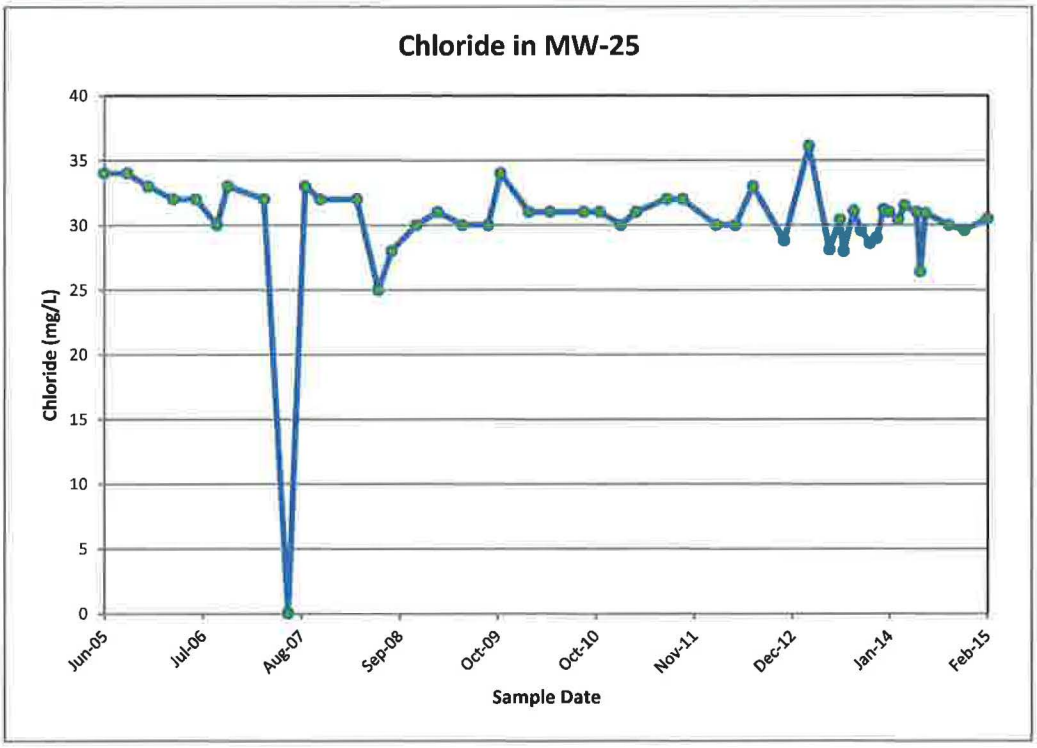
Non-Detected Values

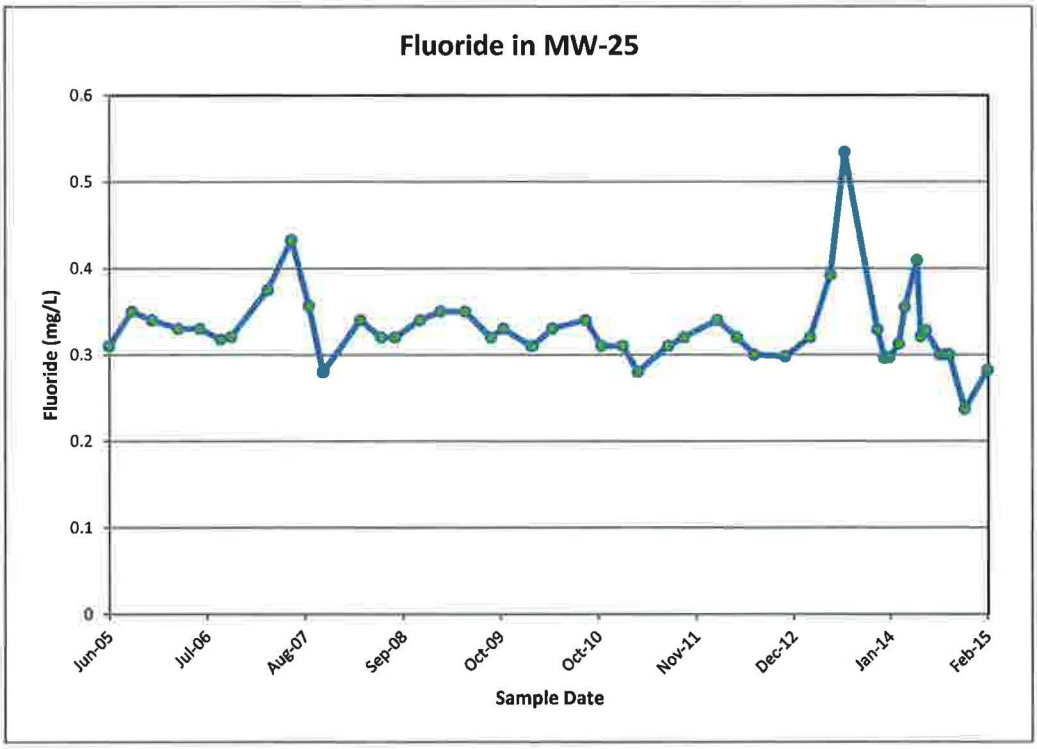
Time concentration plots for MW-24



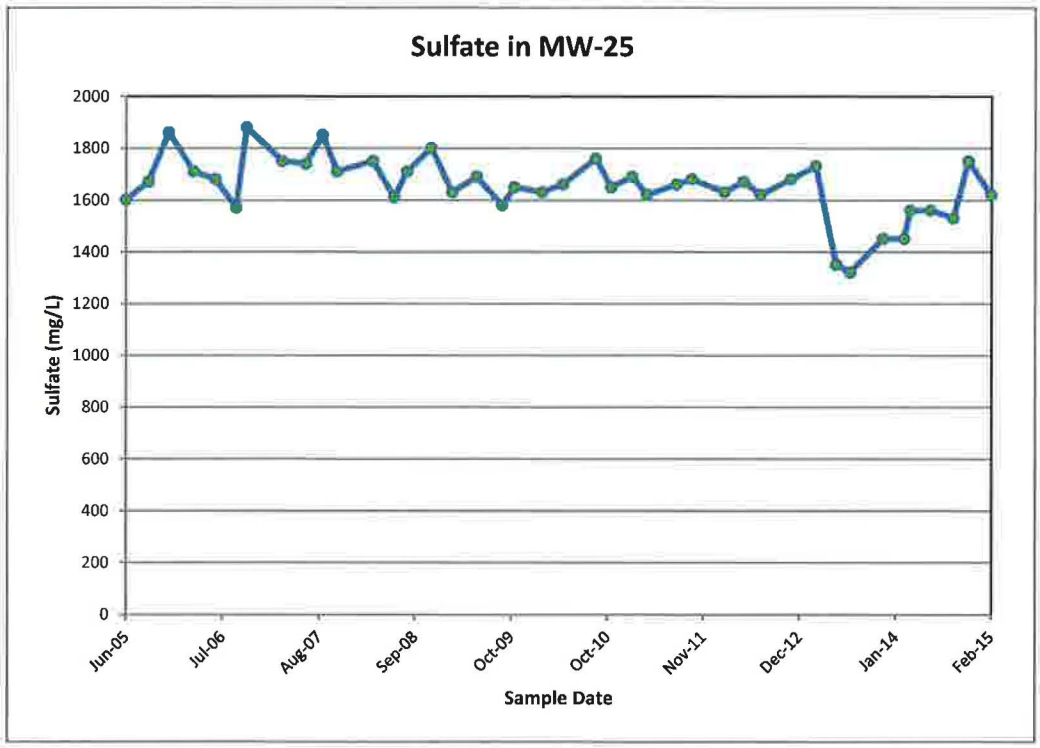


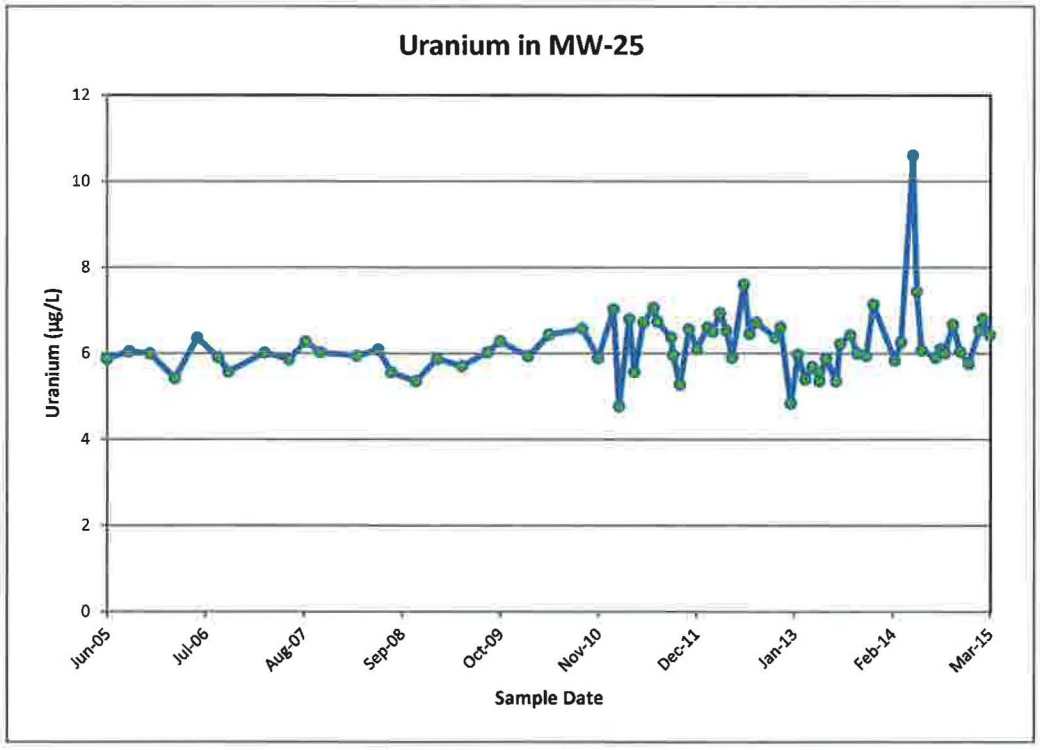
Time concentration plots for MW-25



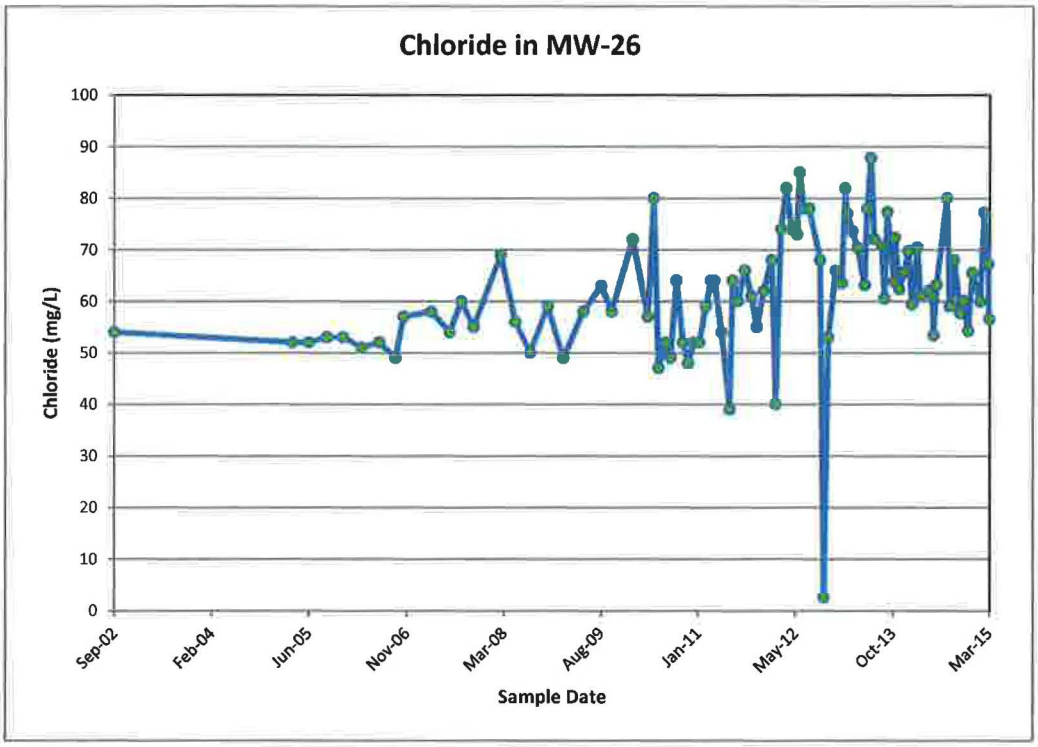


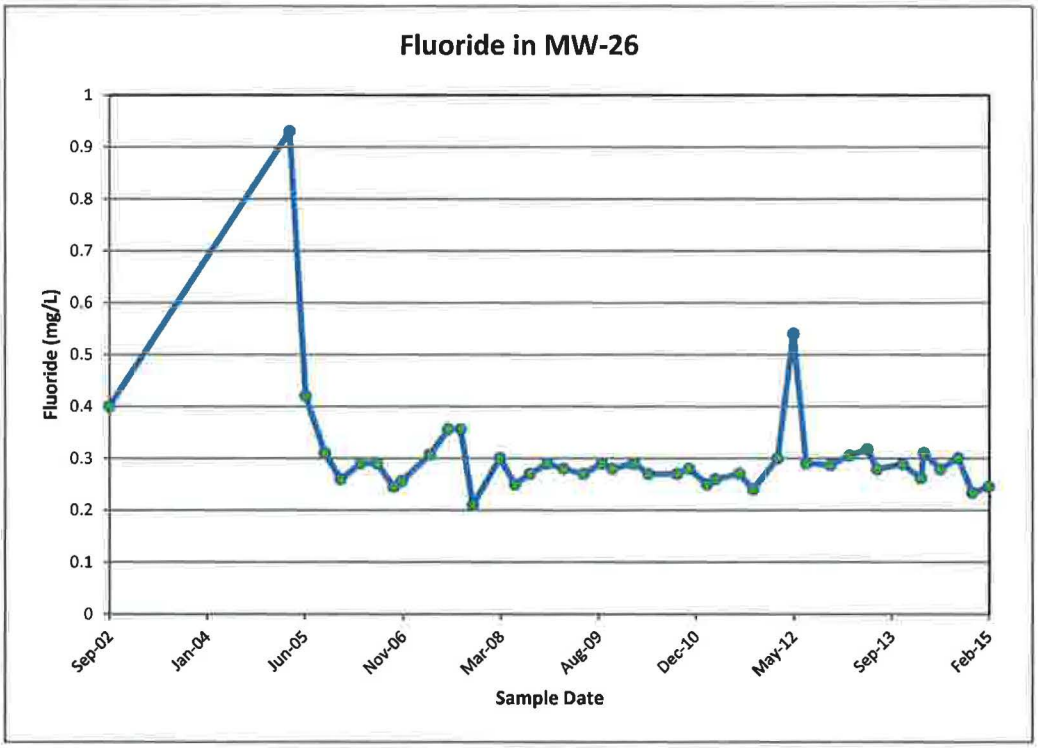
Time concentration plots for MW-25



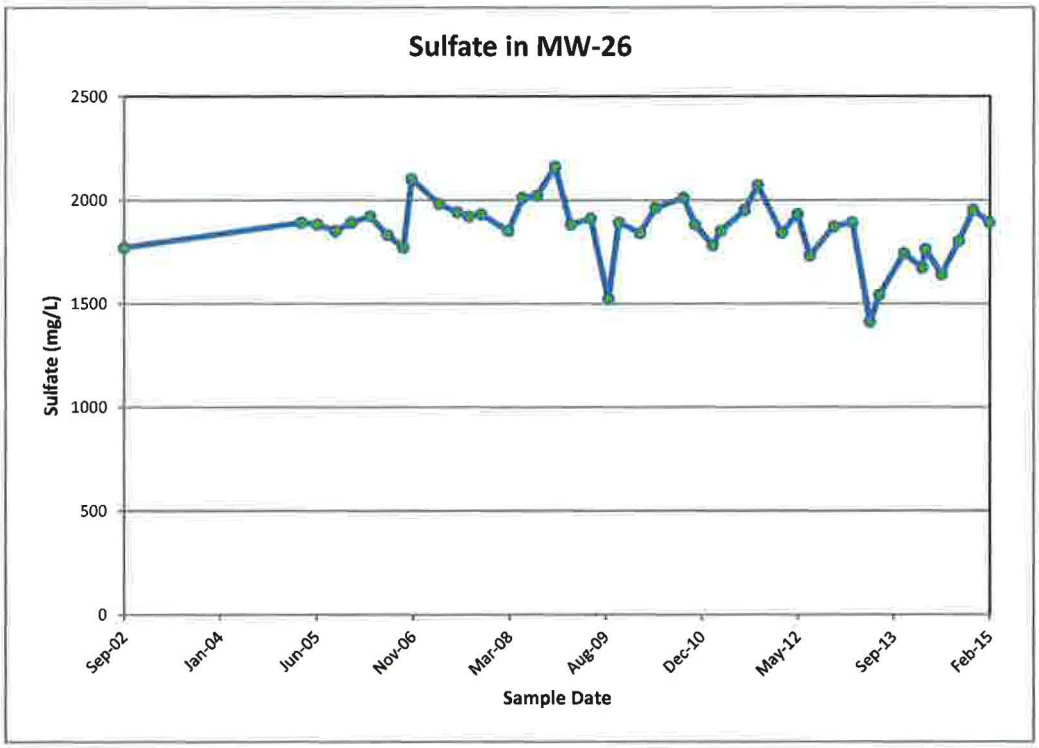


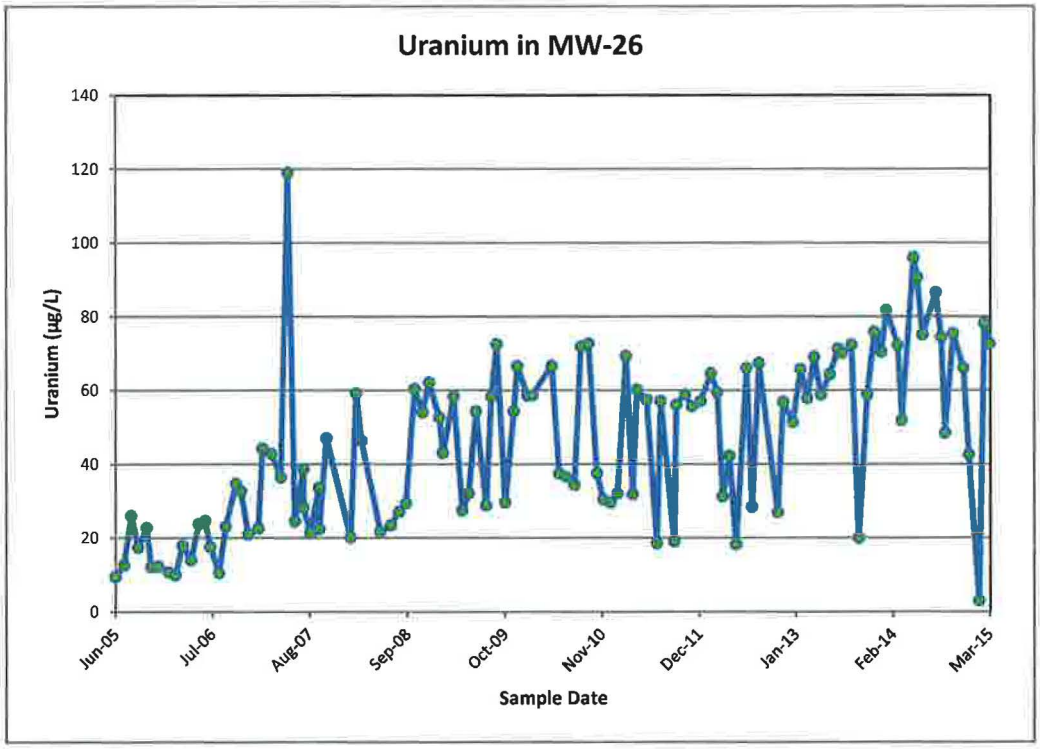
Time concentration plots for MW-26



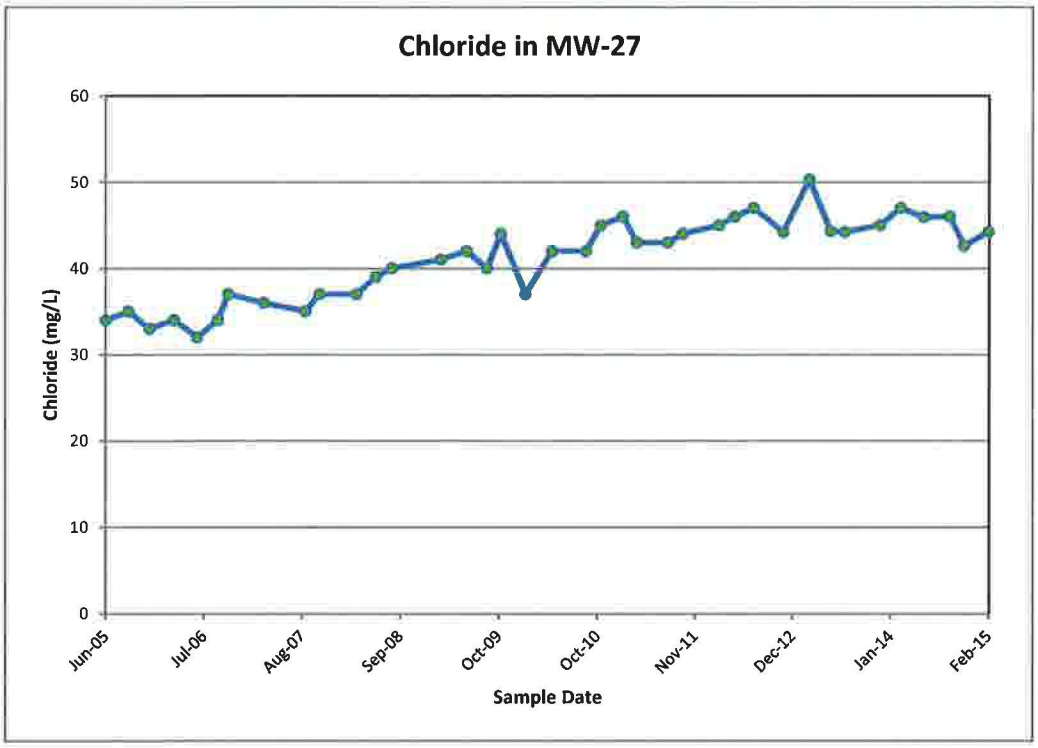


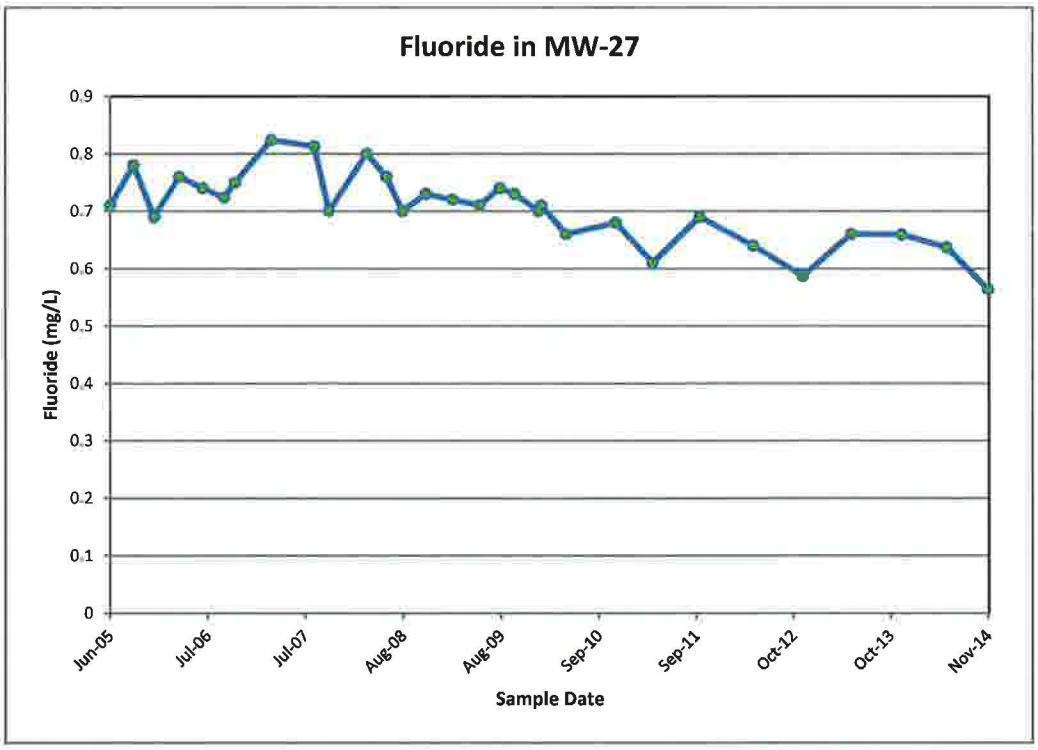
Time concentration plots for MW-26



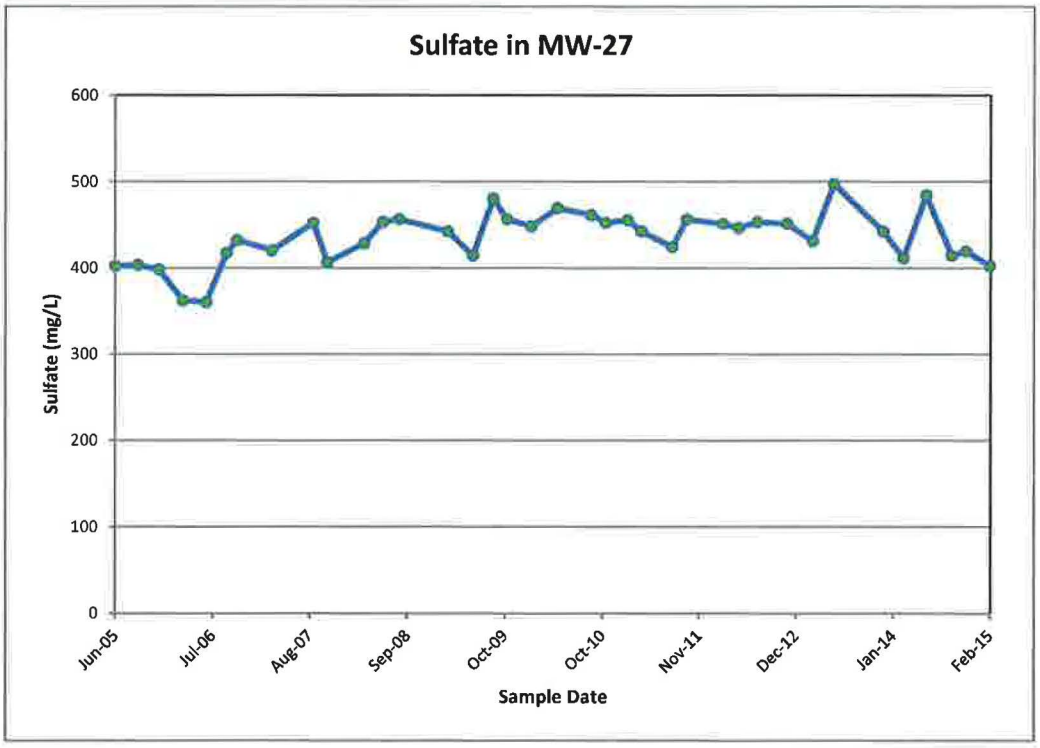


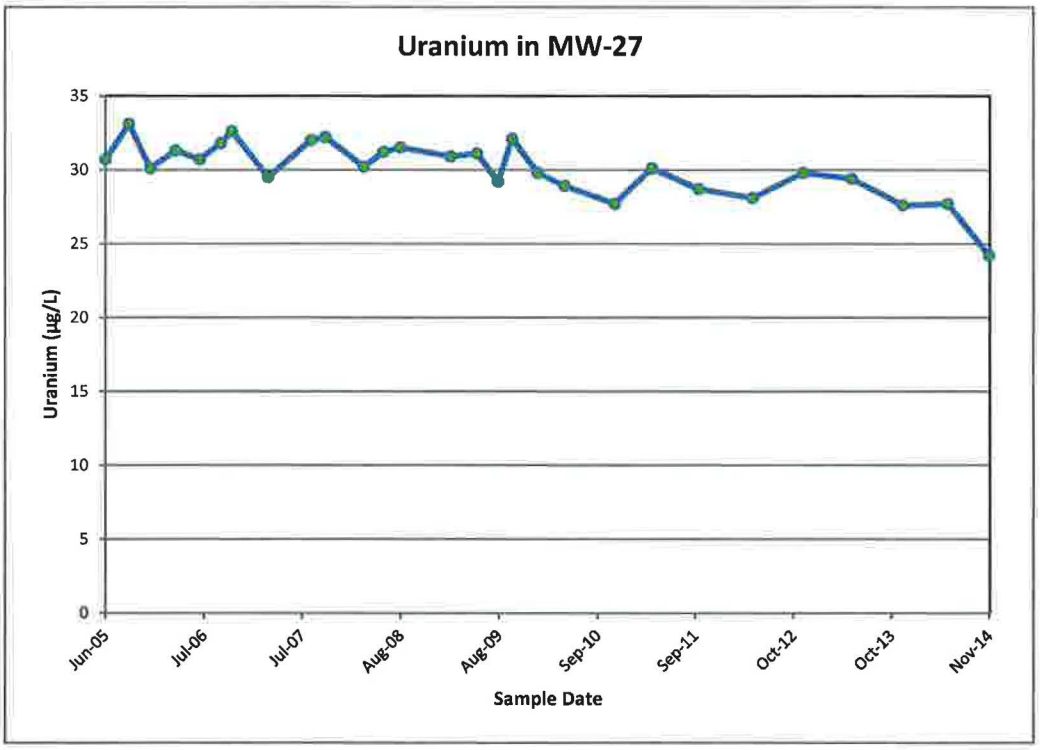
Time concentration plots for MW-27





Time concentration plots for MW-27

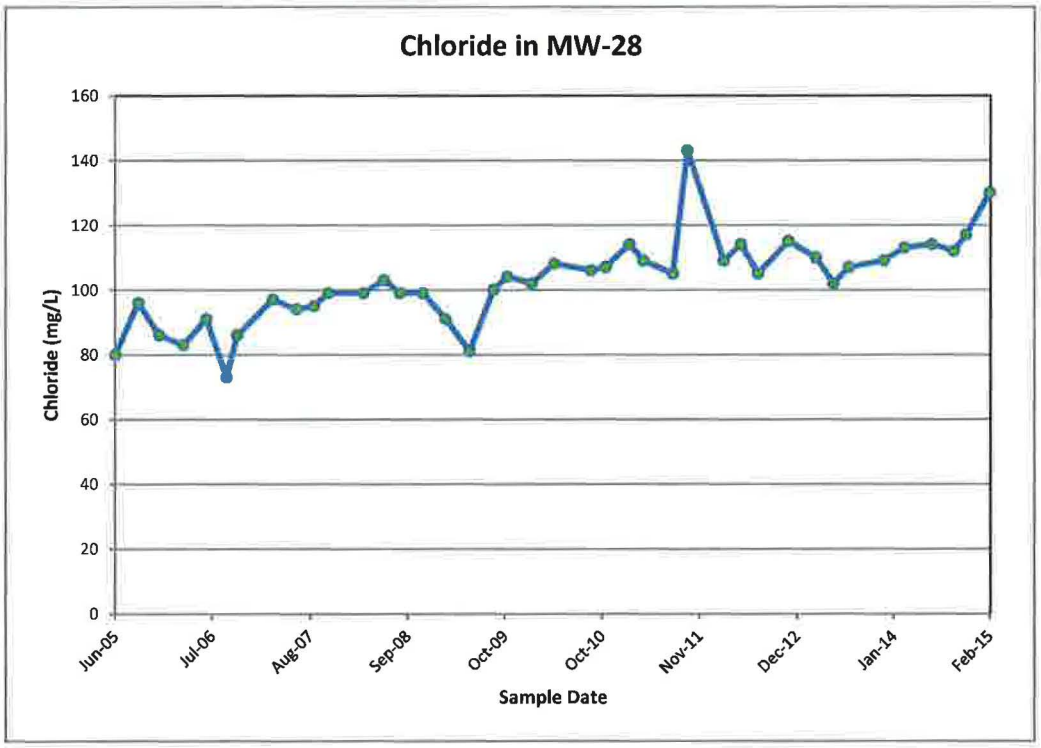


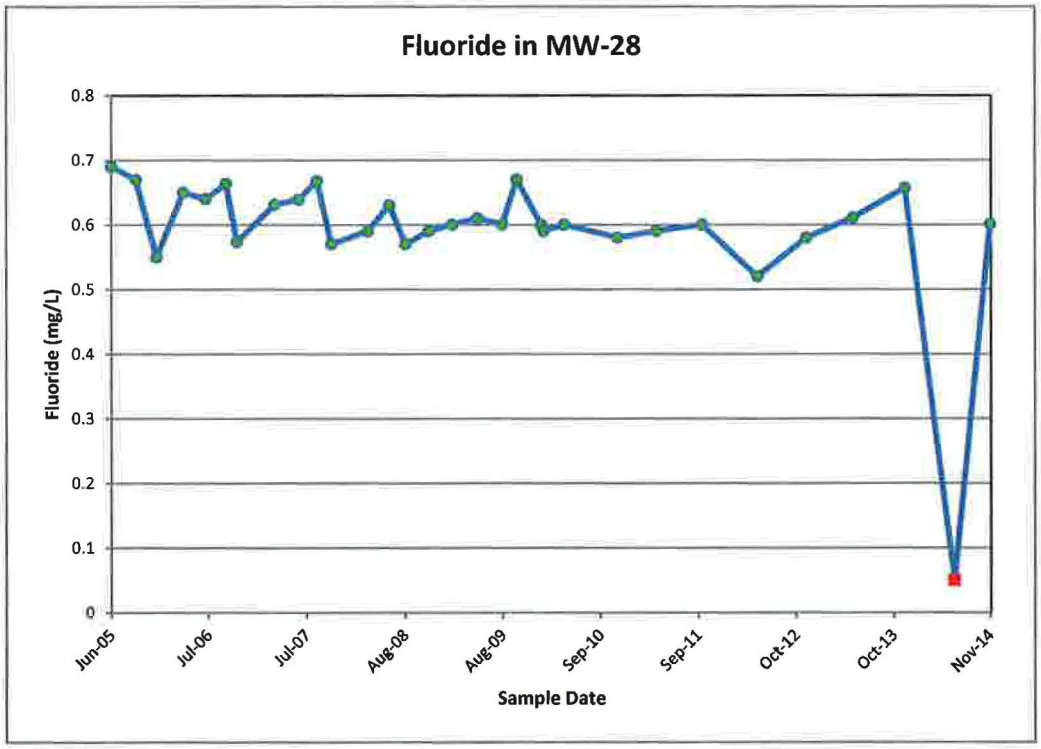


Detected Values

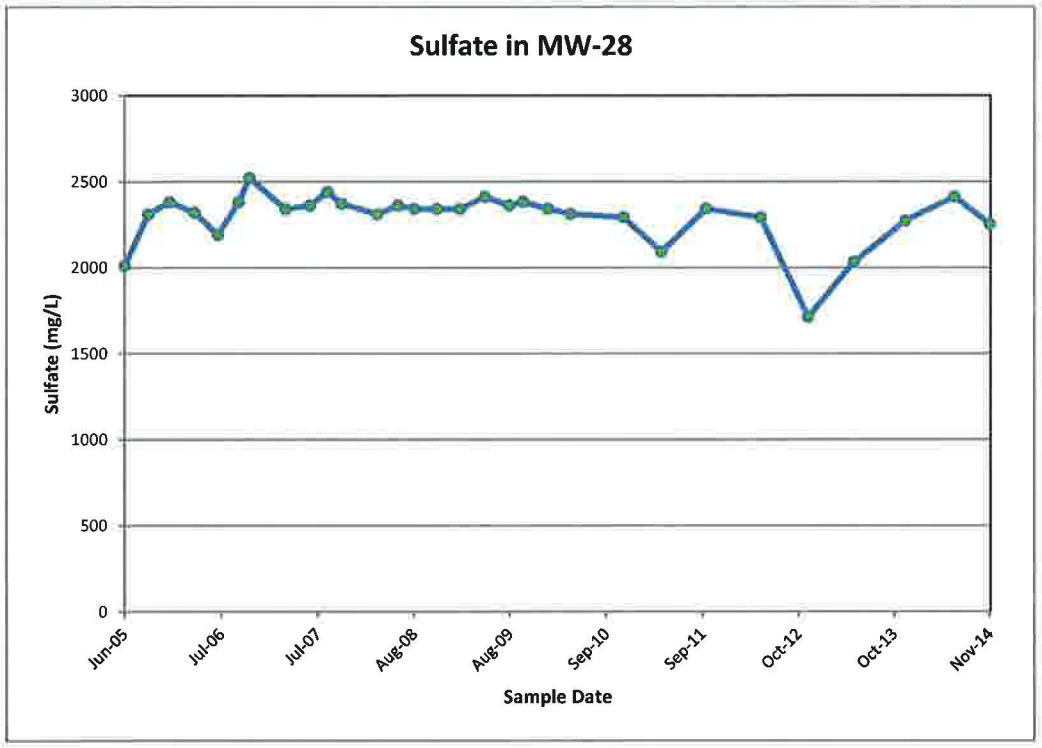
Non-Detected Values

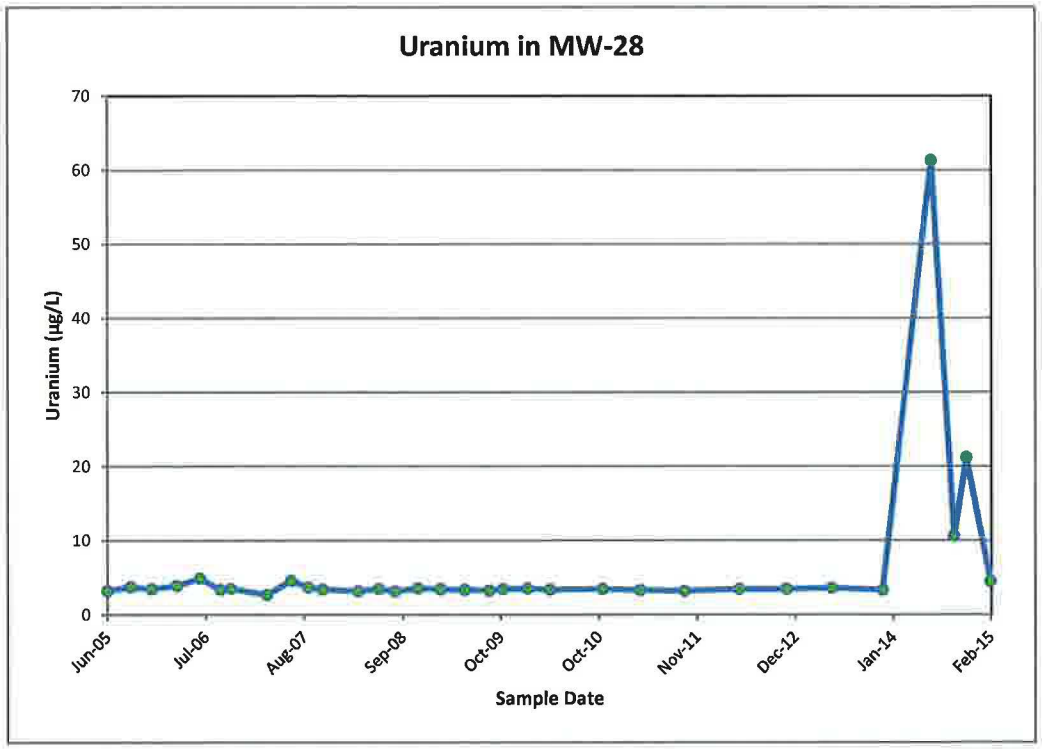
Time concentration plots for MW-28



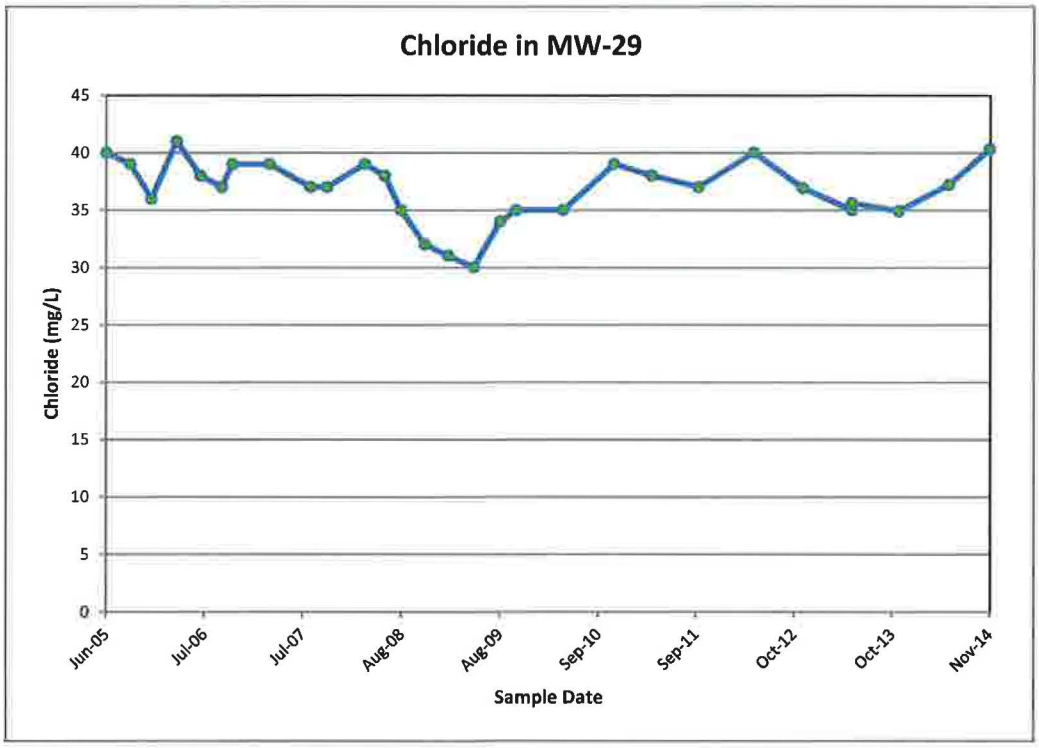


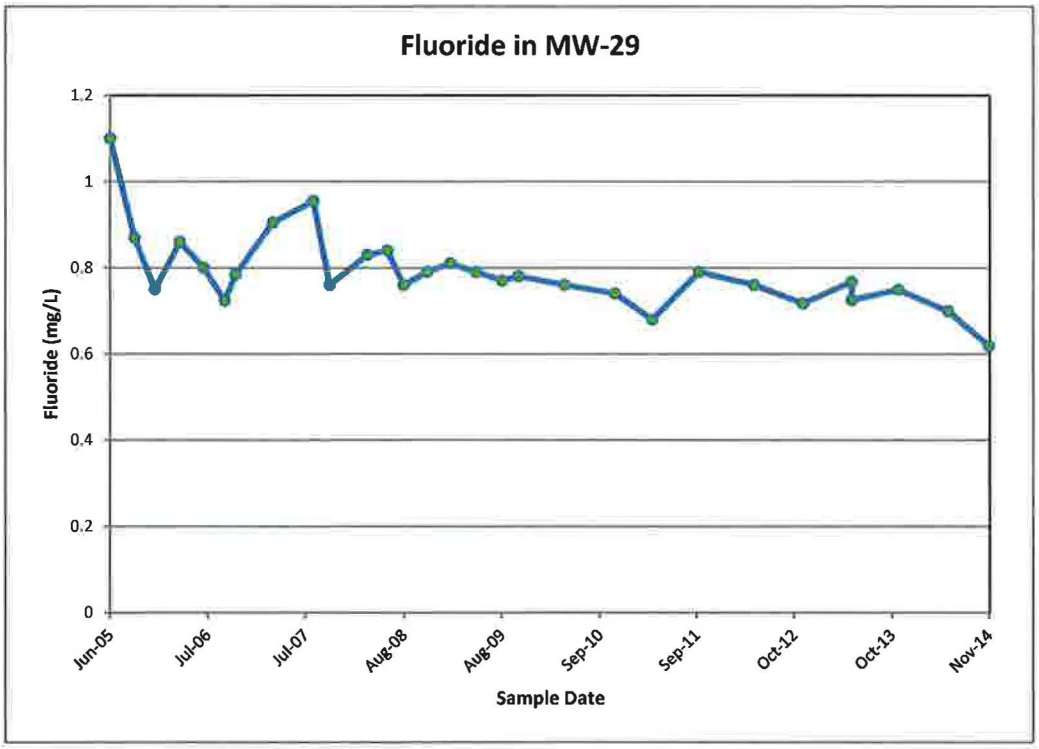
Time concentration plots for MW-28



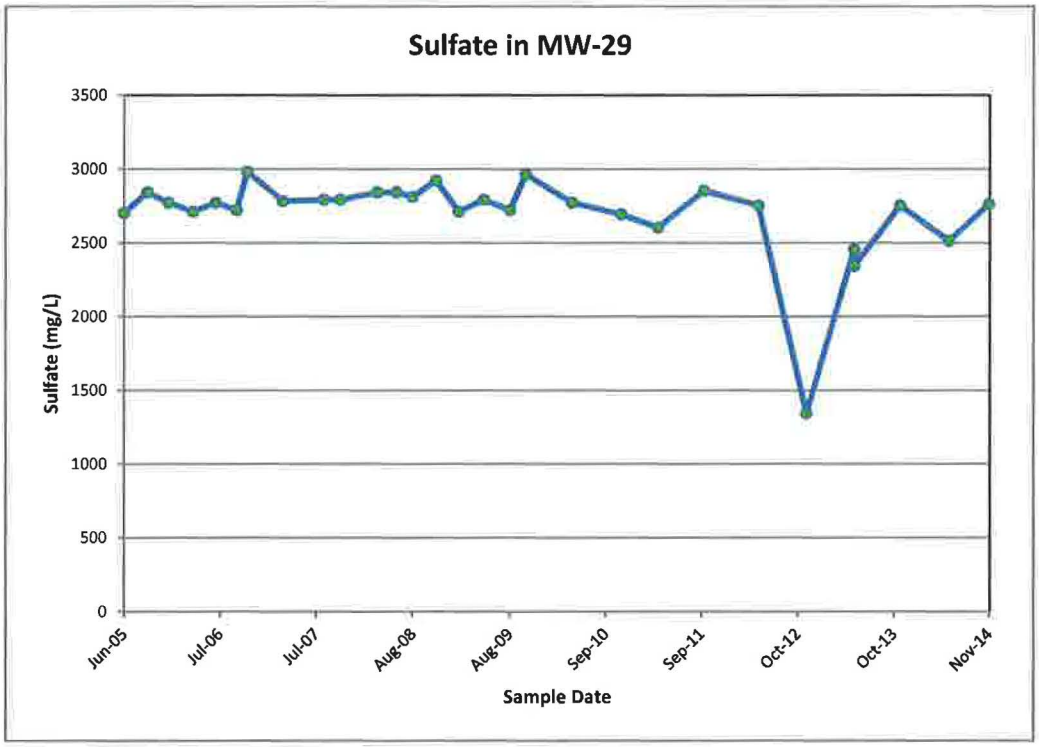


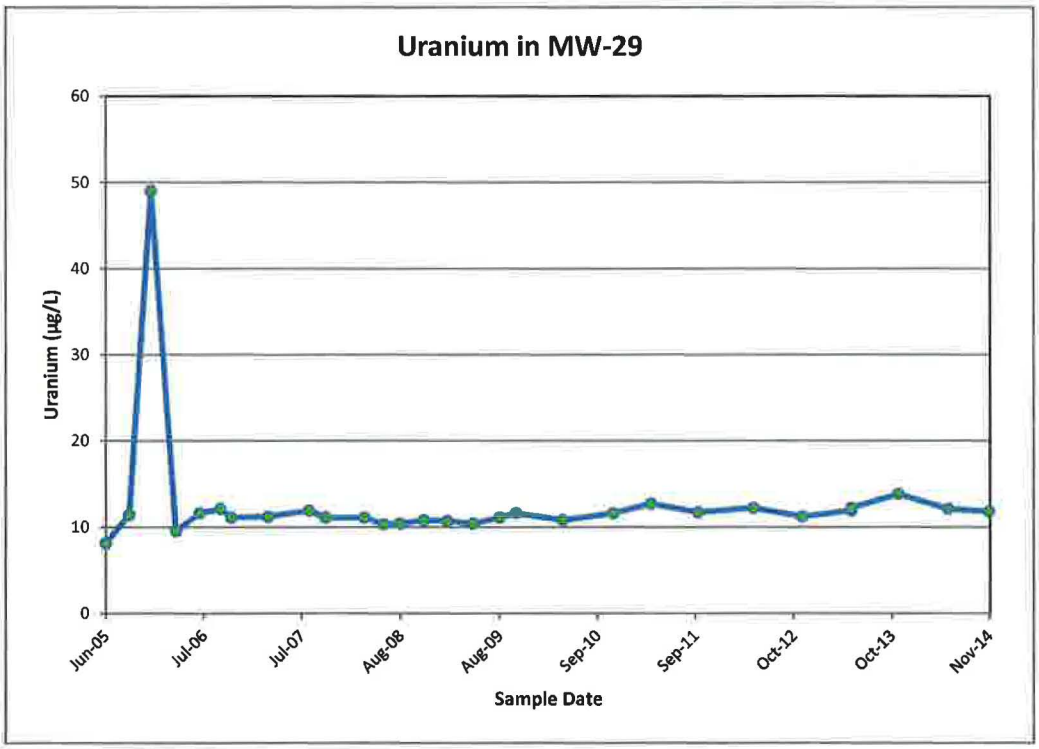
Time concentration plots for MW-29



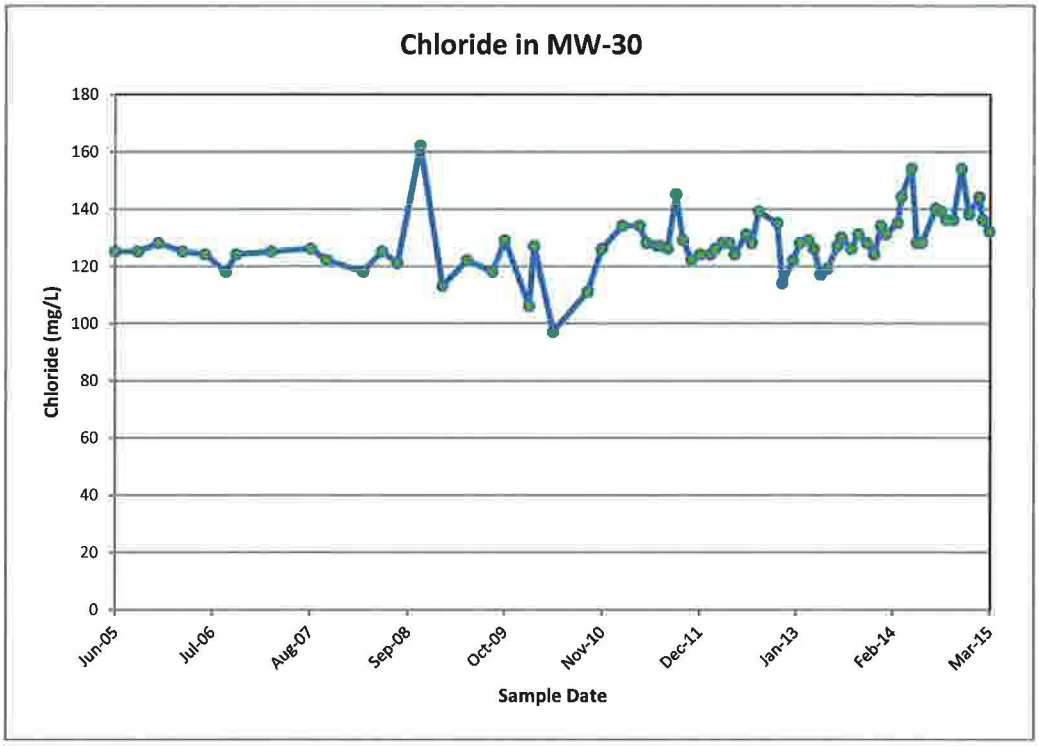


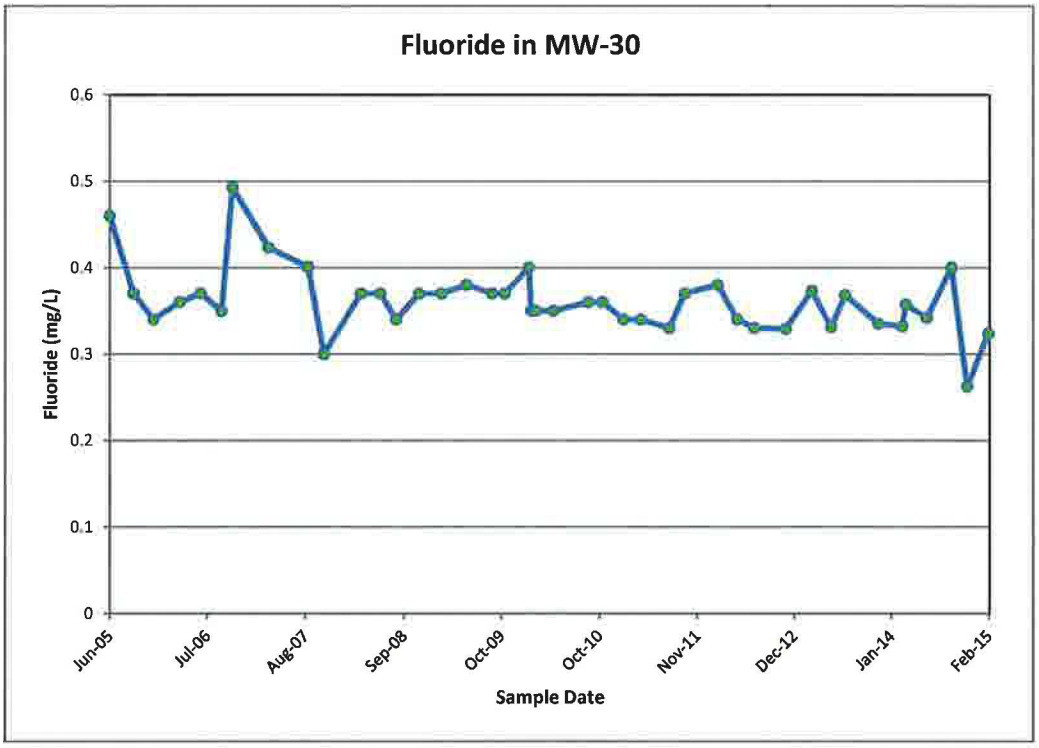
Time concentration plots for MW-29



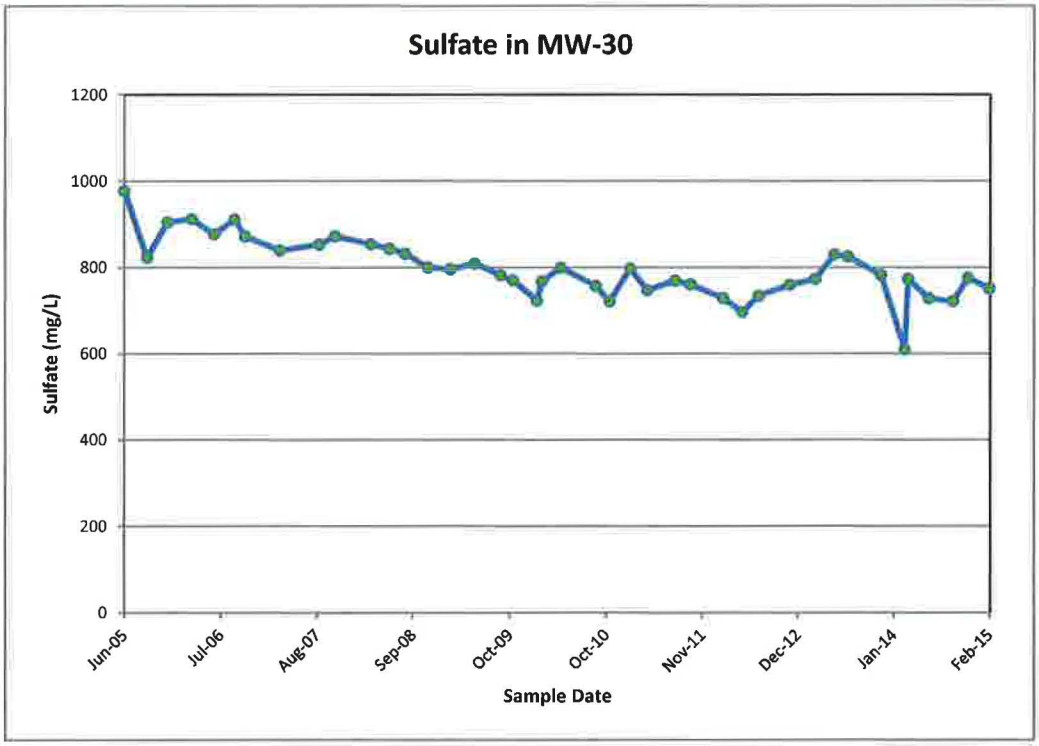


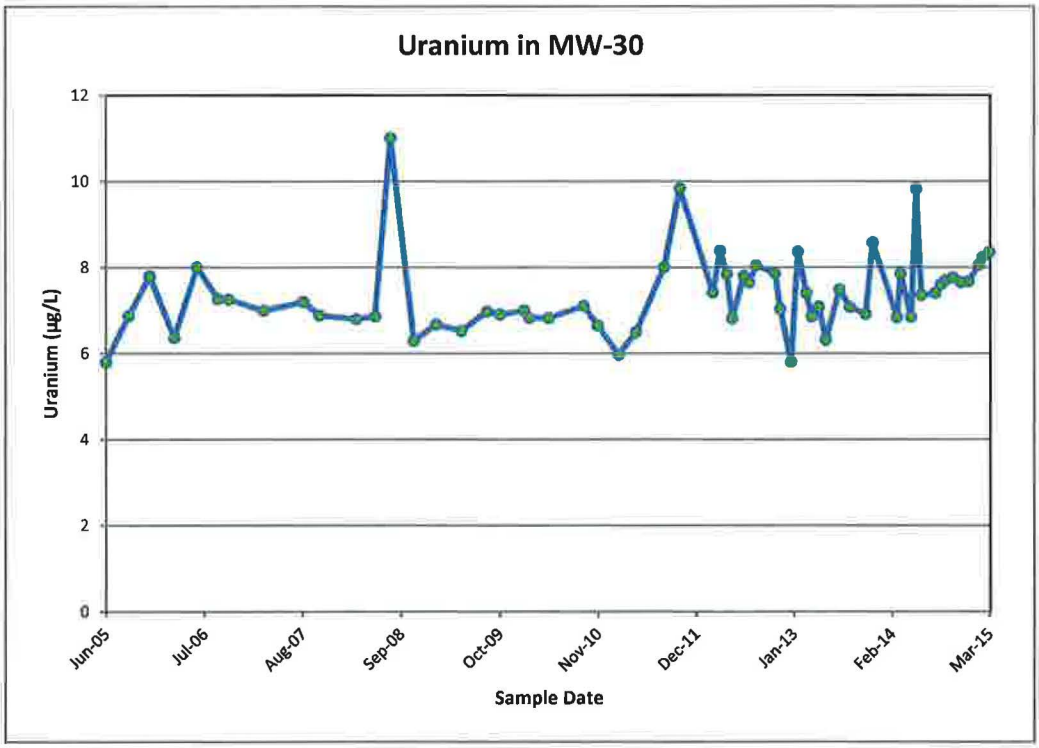
Time concentration plots for MW-30





Time concentration plots for MW-30





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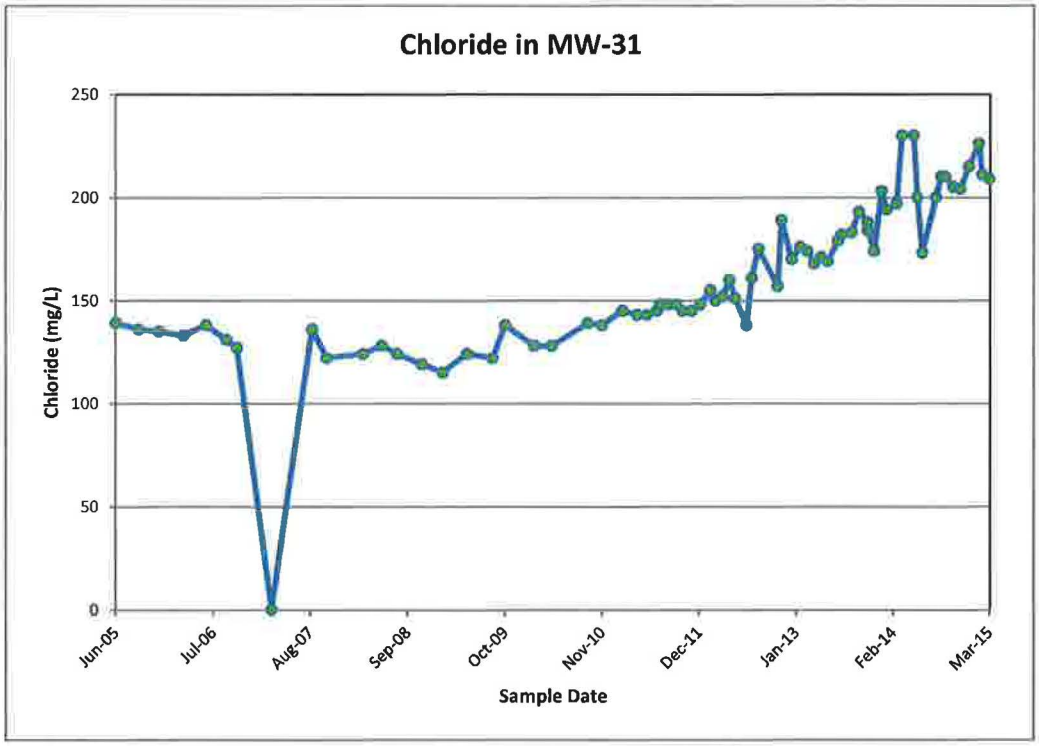
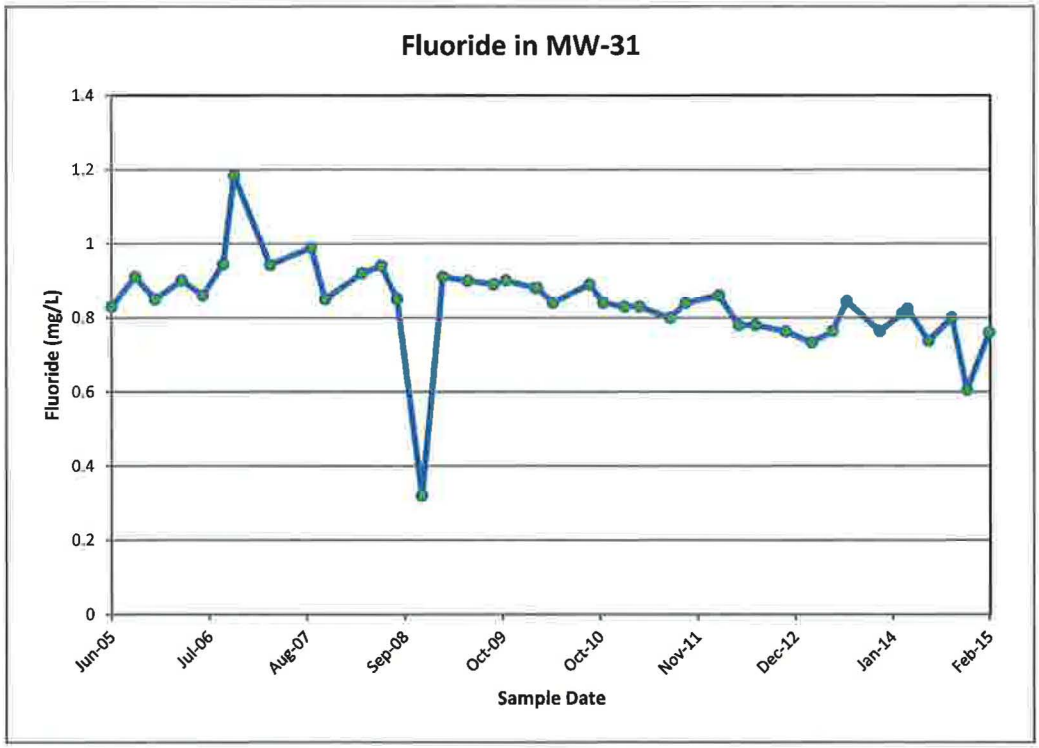
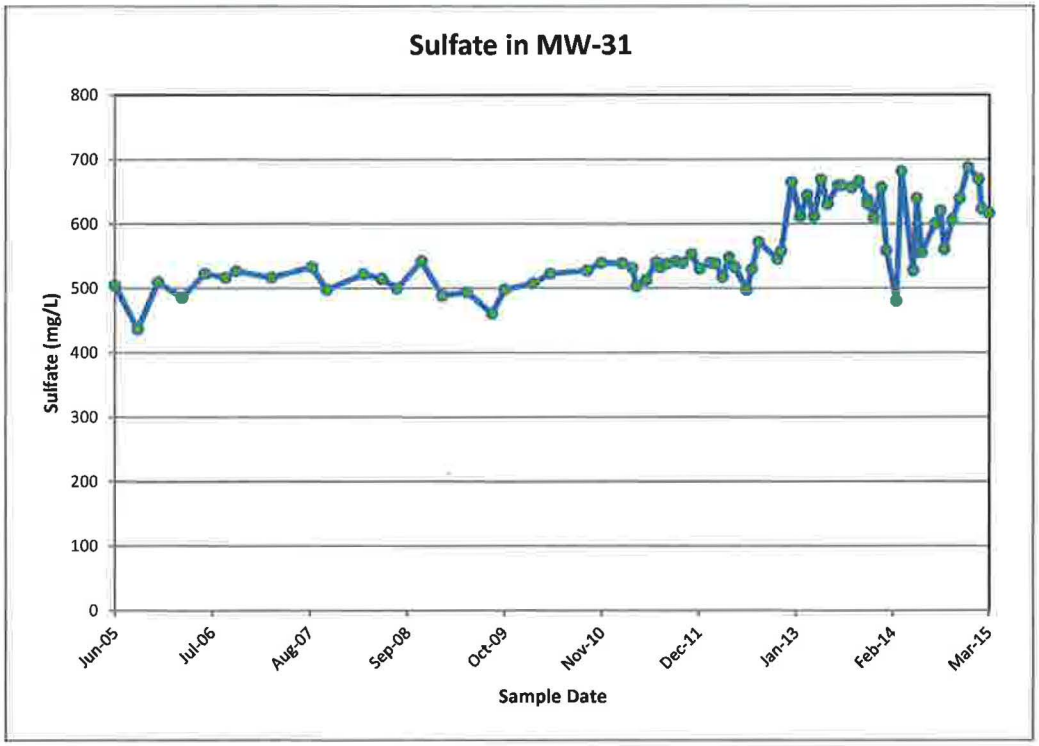
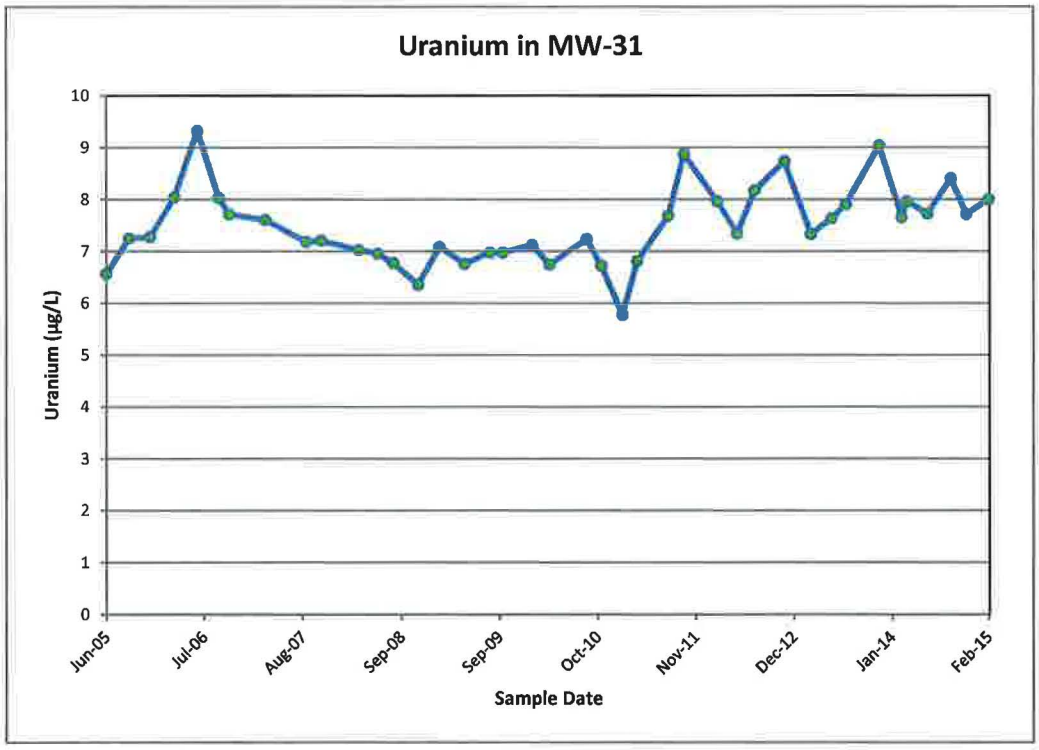


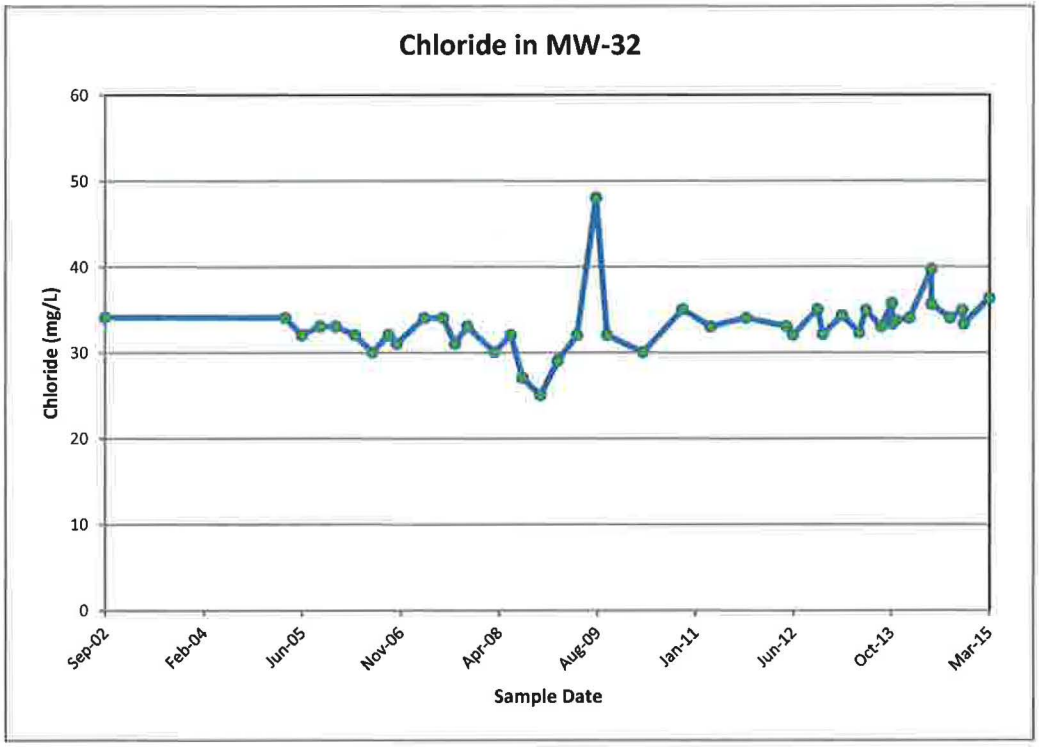


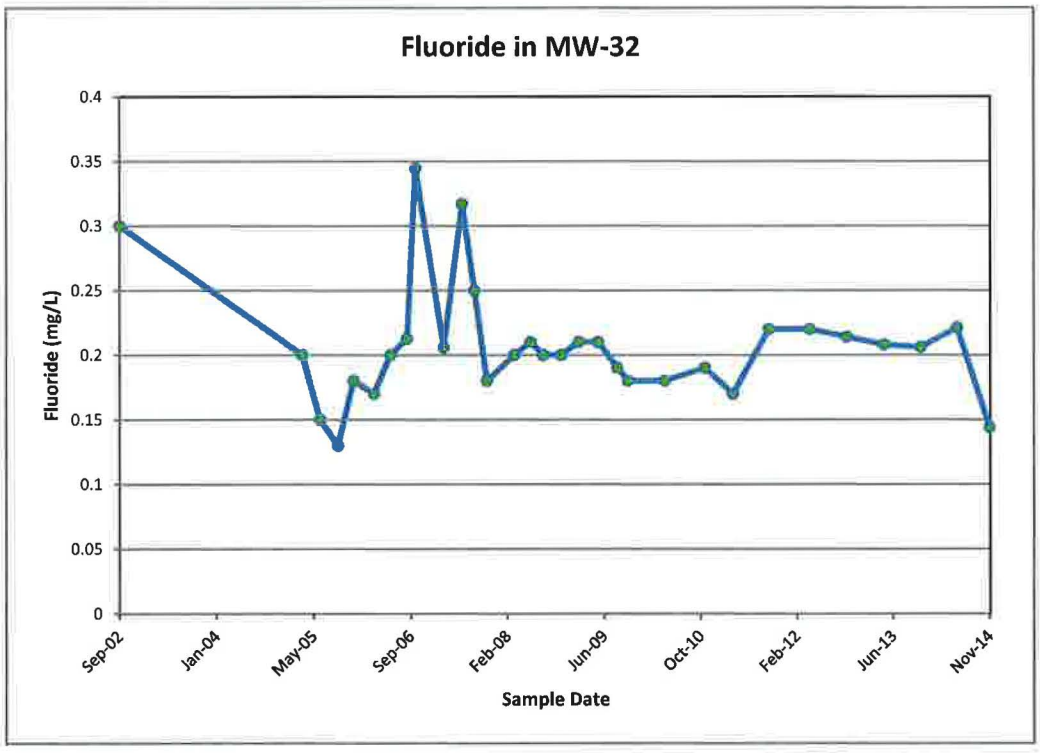
Time concentration plots for MW-31





Time concentration plots for MW-32

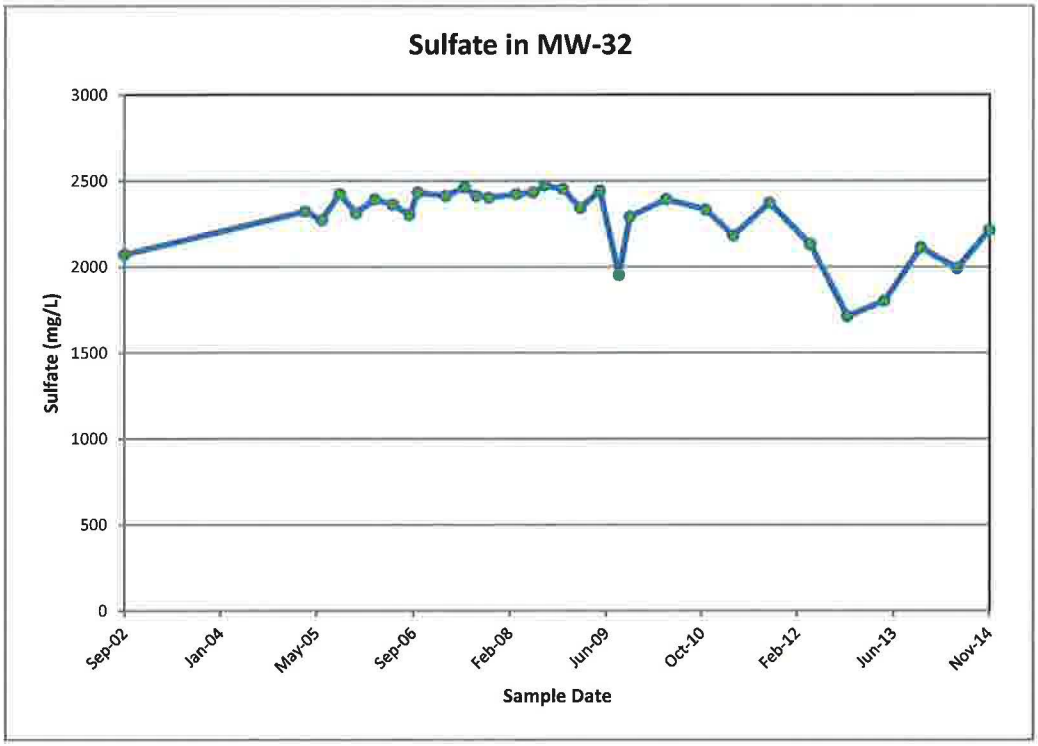


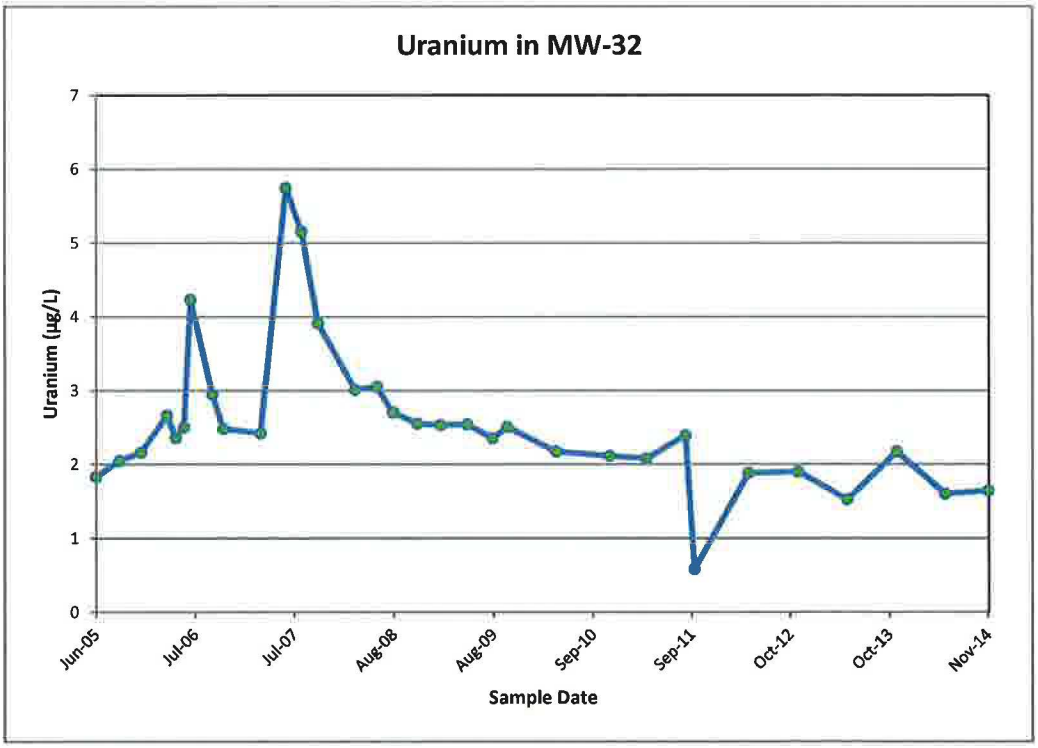


Detected Values

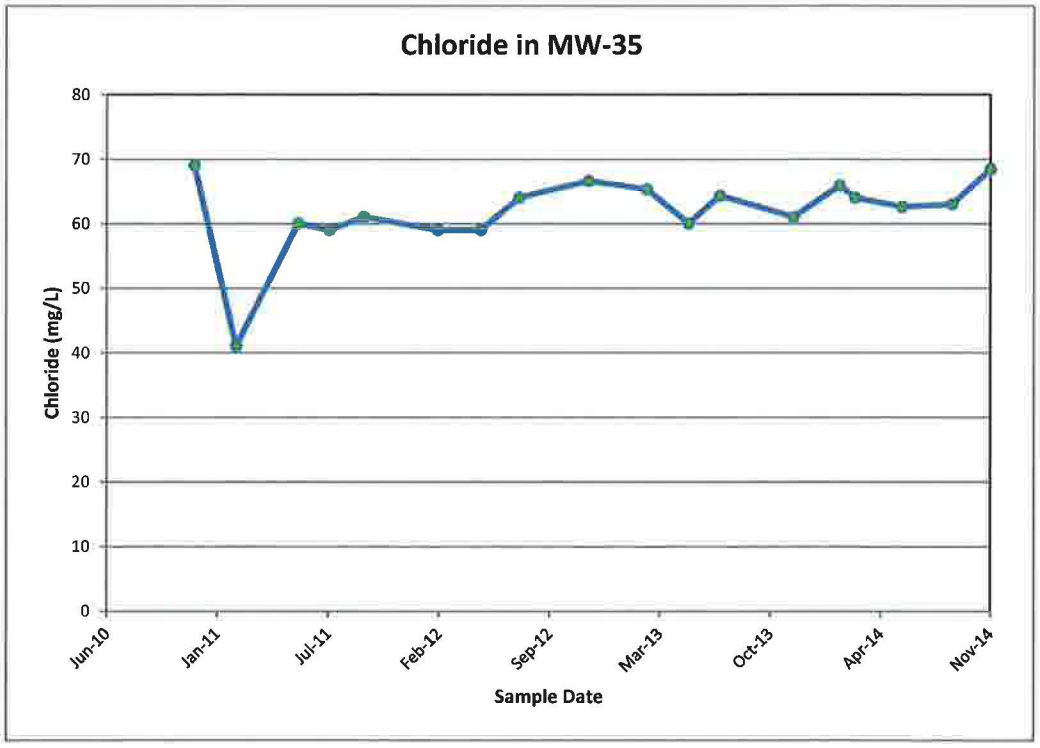
Non-Detected Values

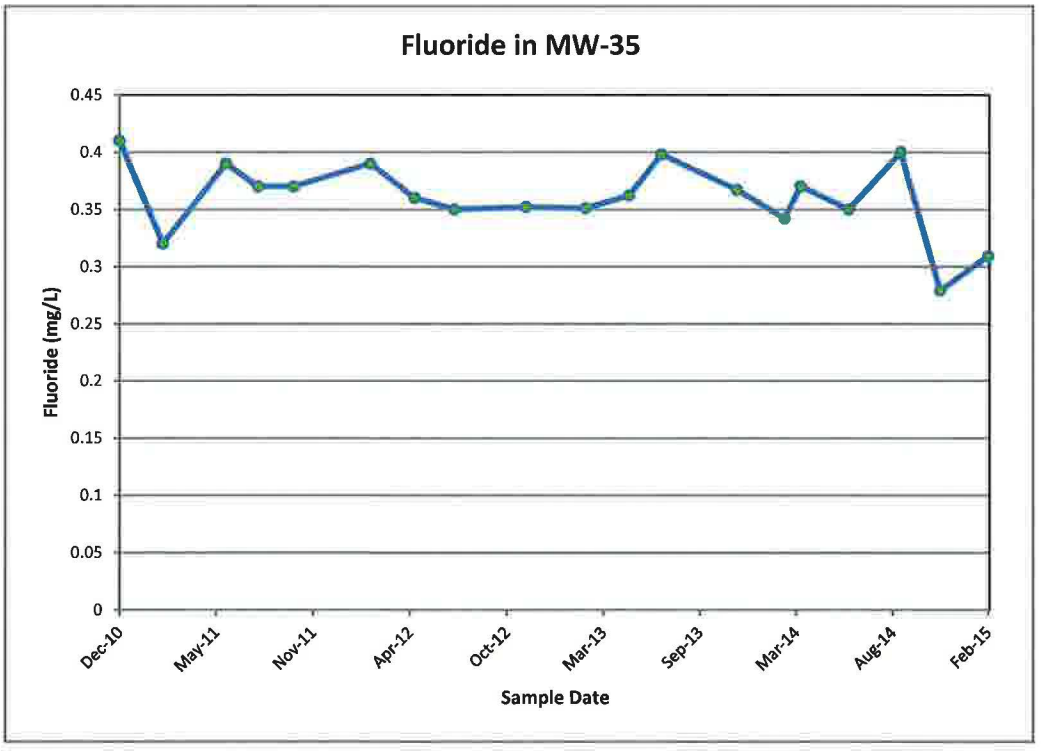
Time concentration plots for MW-32



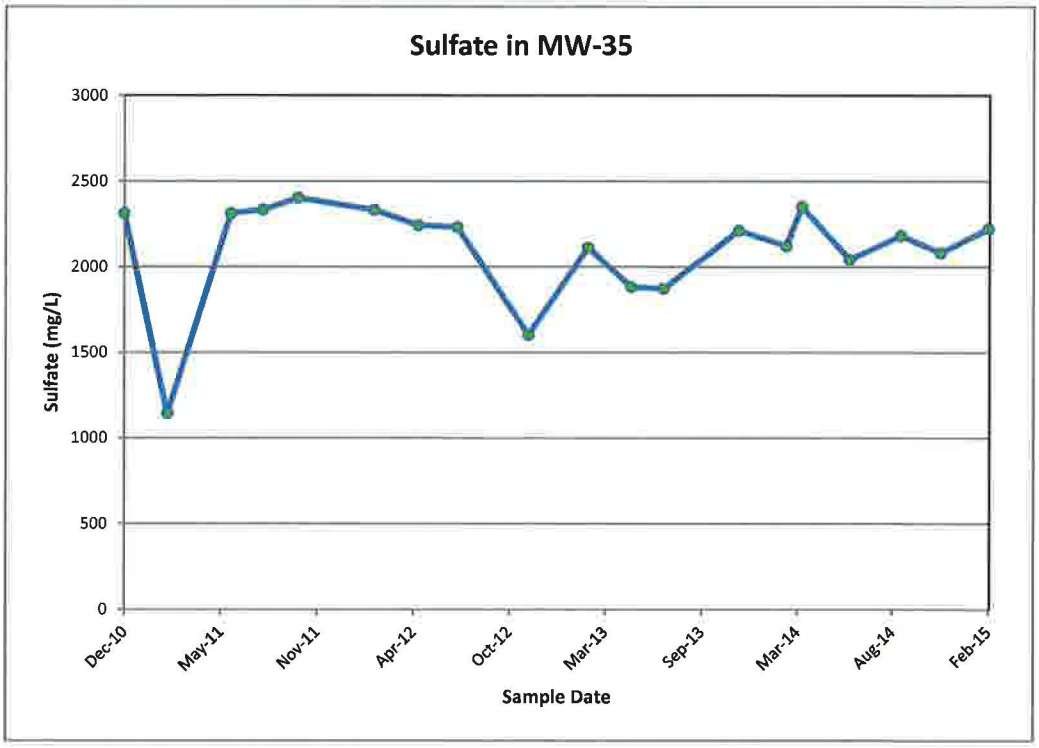


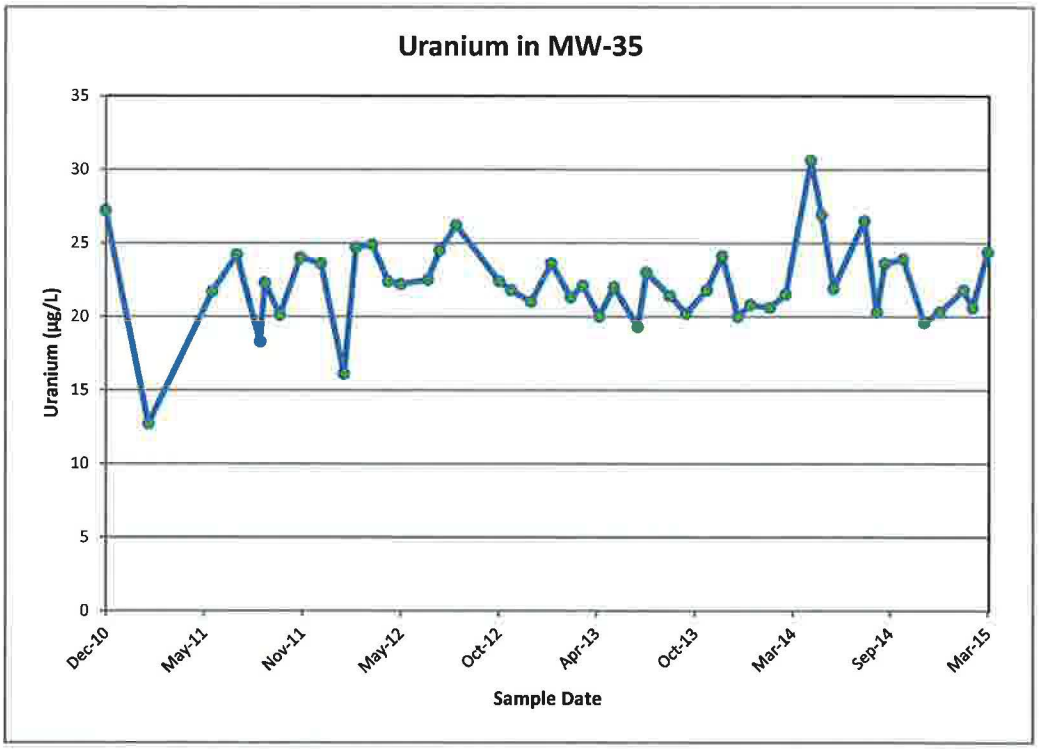
Time concentration plots for MW-35



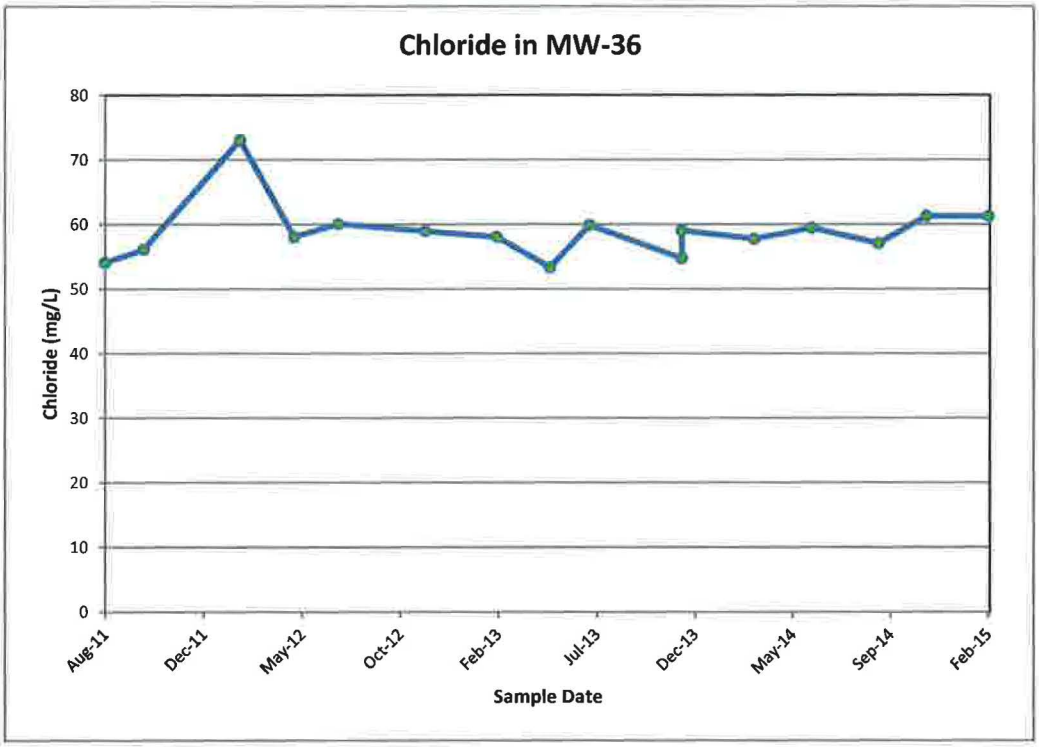


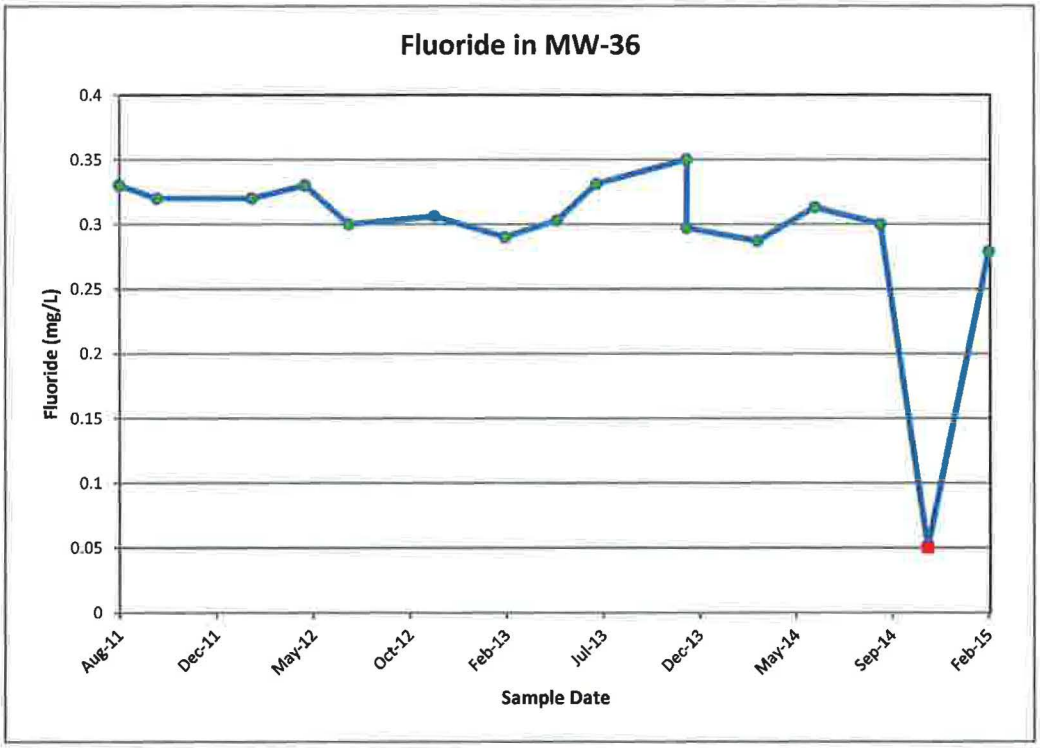
Time concentration plots for MW-35



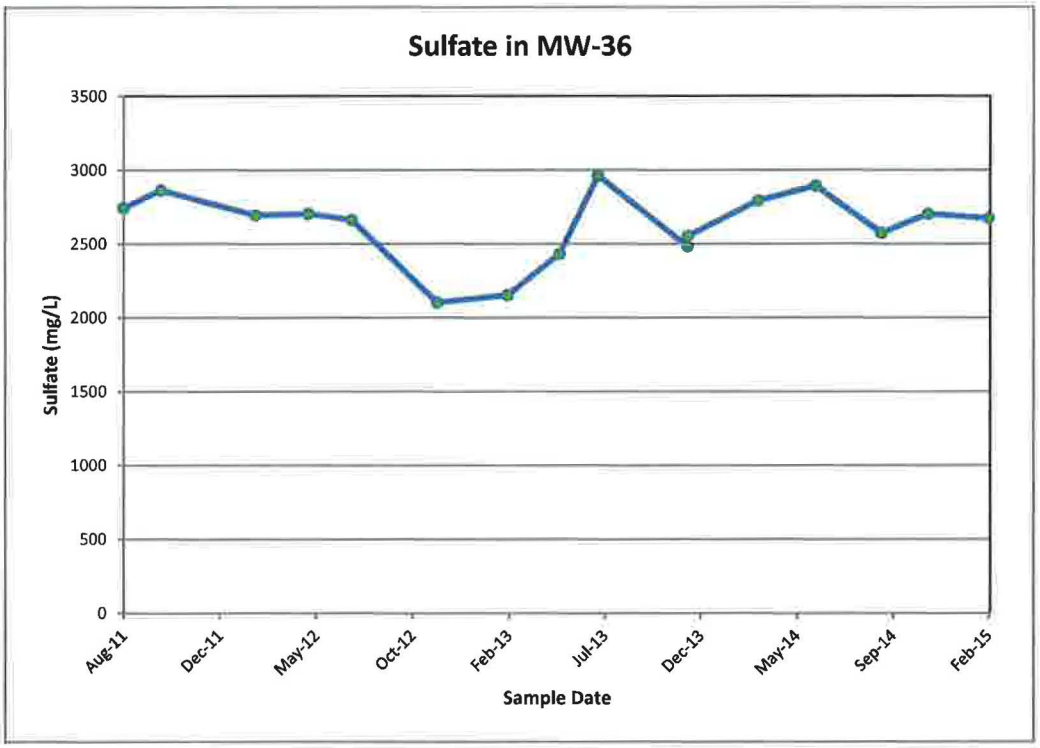


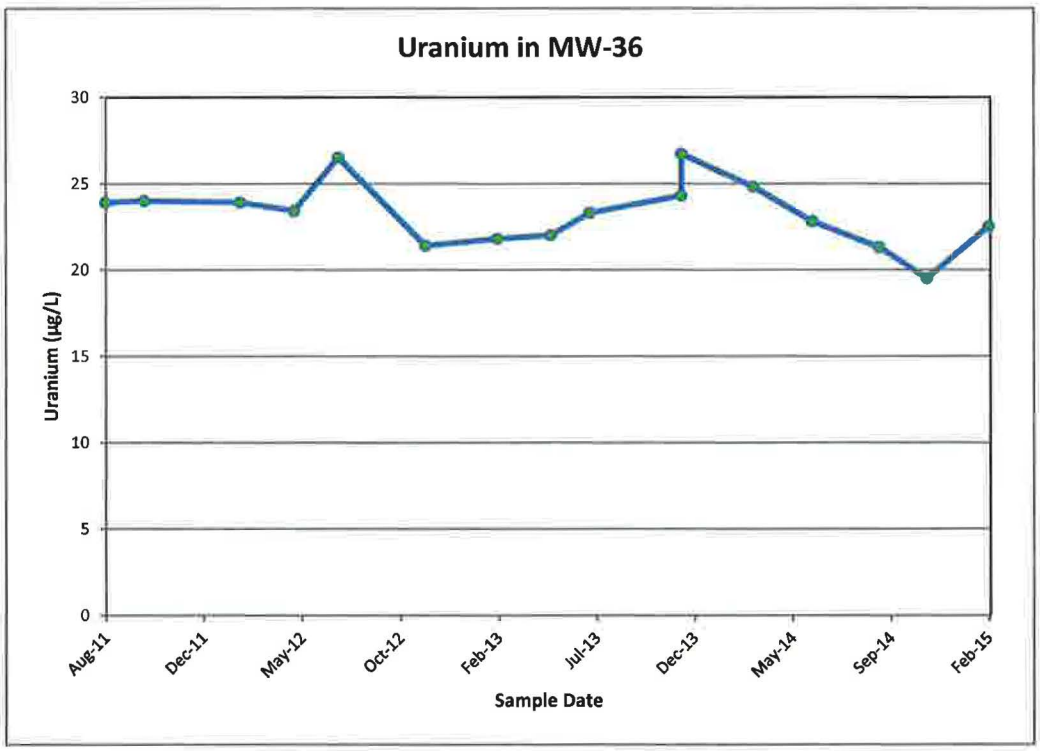
Time concentration plots for MW-36





Time concentration plots for MW-36

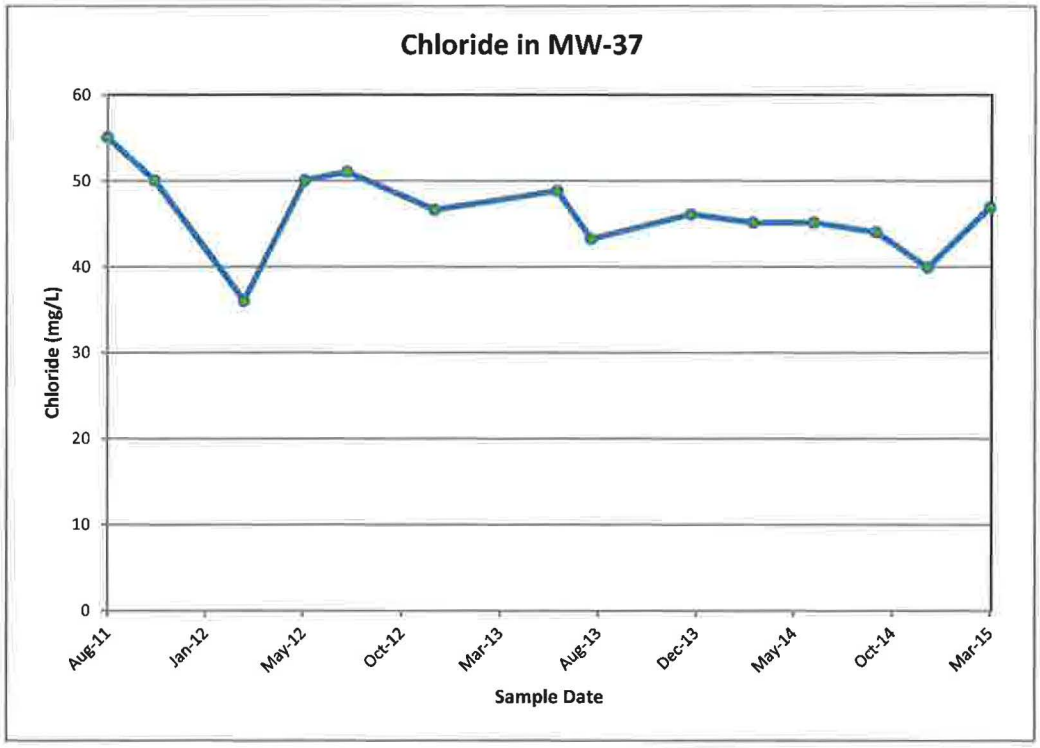


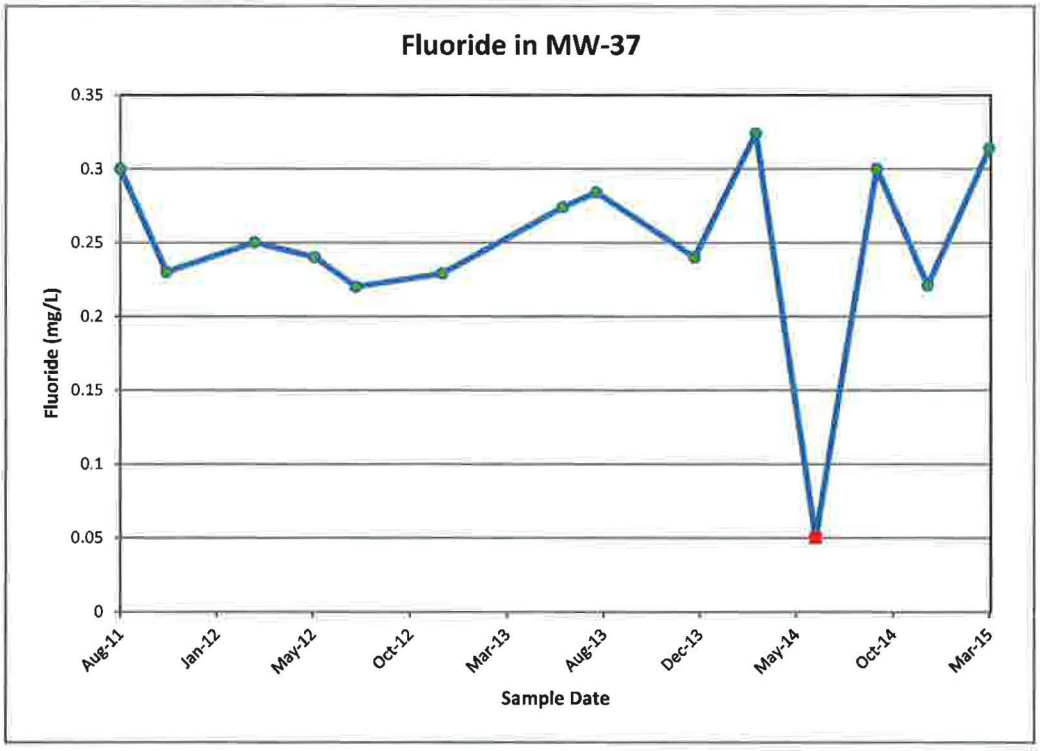


Detected Values

Non-Detected Values

Time concentration plots for MW-37

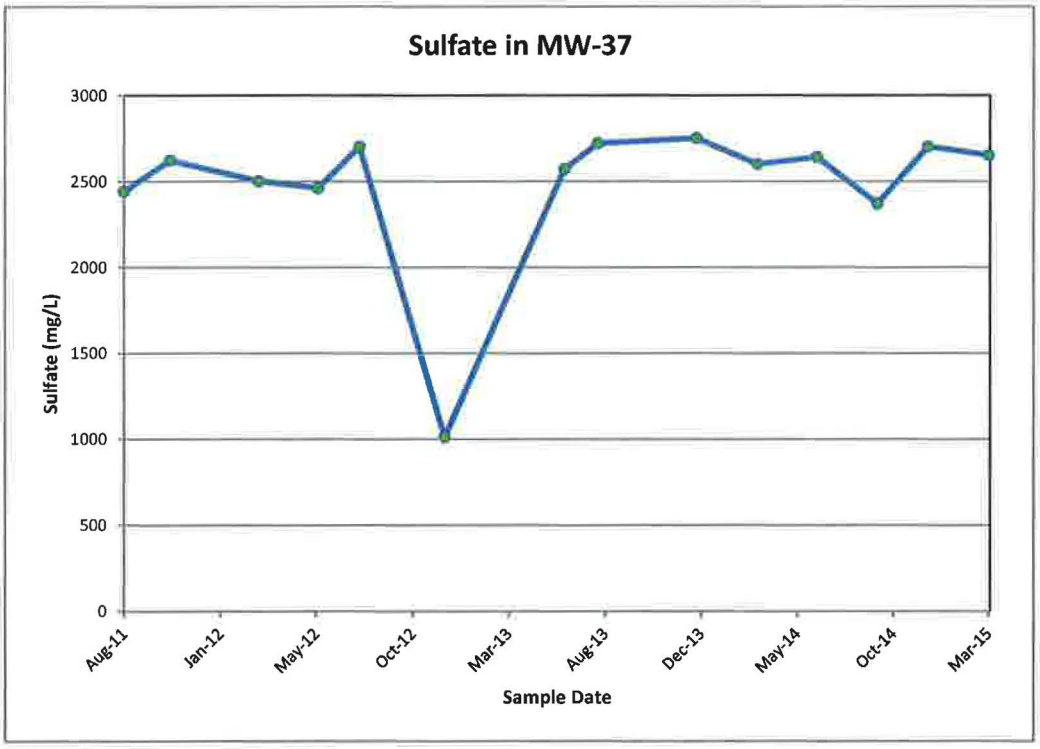


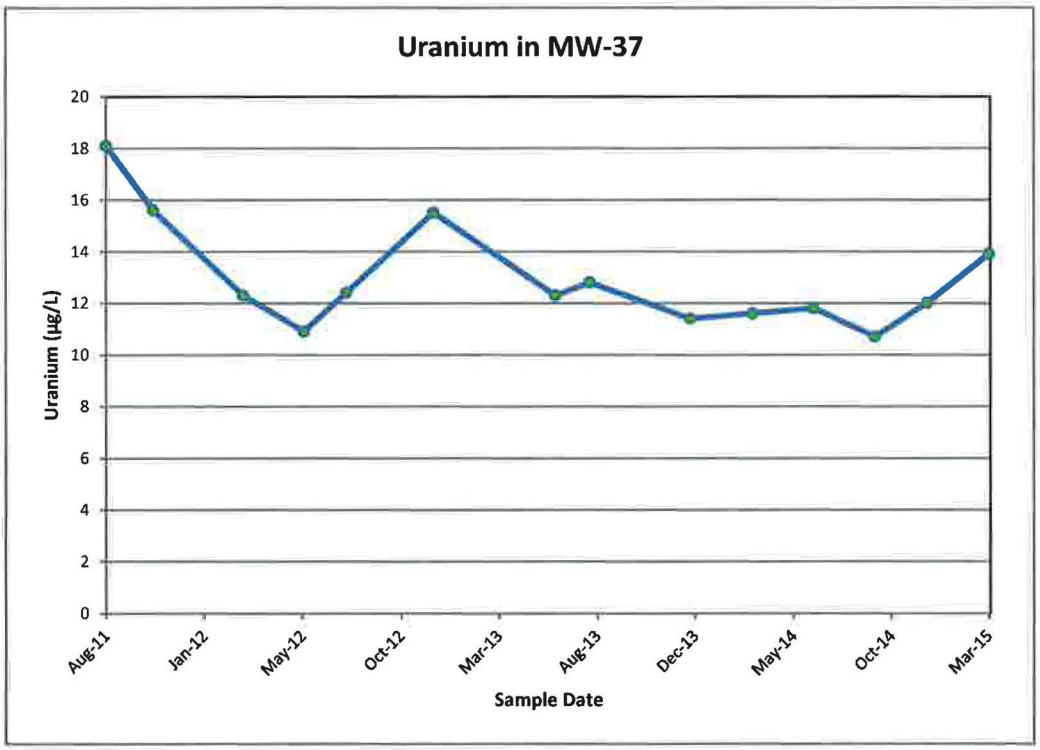


Detected Values

Non-Detected Values

Time concentration plots for MW-37





Tab J

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Tuesday, May 12, 2015 12:44 PM
To: Rusty Lundberg (rlundberg@utah.gov)
Cc: 'Phillip Goble'; Thomas Rushing; Harold Roberts; David Frydenlund; Dan Hillsten; Jaime Massey; David Turk; Scott Bakken; Logan Shumway
Subject: Transmittal of CSV Files White Mesa Mill 2015 Q1 Groundwater Monitoring
Attachments: Q1 2015 EDD - GW.csv

Dear Mr. Lundberg,

Attached to this e-mail is an electronic copy of laboratory results for groundwater monitoring conducted at the White Mesa Mill during the first quarter of 2015, in Comma Separated Value (CSV) format.

Please contact me at 303-389-4134 if you have any questions on this transmittal.

Yours Truly

Kathy Weinel

Energy Fuels Resources (USA) Inc.

Kathy Weinel
Quality Assurance Manager

t: 303.389.4134 | c: 303.489.9182 | f: 303.389.4125
225 Union Blvd., Suite 600
Lakewood, CO 80228

http://www.energyfuels.com

This e-mail is intended for the exclusive use of person(s) mentioned as the recipient(s). This message and any attached files with it are confidential and may contain privileged or proprietary information. If you are not the intended recipient(s) please delete this message and notify the sender. You may not use, distribute print or copy this message if you are not the intended recipient(s).

Tab K

MW-28 Repair Report and Plan and Time Schedule

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

December 4, 2014

Sent VIA E-MAIL AND OVERNIGHT DELIVERY

Mr. Rusty Lundberg
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 Plan and Time Schedule under Utah Ground Water Discharge Permit UGW370004 Part I.G.4 (d) White Mesa Mill (the "Mill")**

Dear Mr. Lundberg:

This letter transmits Energy Fuels Resources (USA) Inc.'s ("EFRI's") Plan and Time Schedule pursuant to State of Utah Groundwater Discharge Permit UGW370004 (the "Permit") Part I.G.4(d) for Violations of Part I.G.2 of the Permit. Part I.G.2 of the Permit provides that out-of-compliance ("OOC") status exists when the concentration of a pollutant in two consecutive samples from a compliance monitoring point exceeds a groundwater compliance limit ("GWCL").

On November 14, 2014, EFRI submitted a letter to the Director under Part I.G.1(a) of the Permit providing notice that the concentrations of specific constituents in groundwater monitoring wells at the Mill exceeded their respective GWCL's for the 3rd quarter of 2014 and indicating which of those constituents had two consecutive exceedances during that quarter. This Plan and Time Schedule addresses constituents requiring a Plan and Time Schedule for the 3rd quarter of 2014.

Please contact me if you have any questions or require any further information.

Yours very truly,
ENERGY FUELS RESOURCES (USA) INC.

Kathy Weinel
Quality Assurance Manager

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

WHITE MESA MILL

State of Utah Ground Water Discharge Permit UGW370004

Plan and Time Schedule

Under Part I.G.4 (d)

For

Violations of Part I.G.2 for Constituents in the Third Quarter of 2014

Energy Fuels Resources (USA) Inc.

225 Union Boulevard, Suite 600

Lakewood, CO 80228

December 4, 2014

1. INTRODUCTION

Energy Fuels Resources (USA) Inc. ("EFRI") operates the White Mesa Uranium Mill (the "Mill"), located near Blanding Utah, under State of Utah Ground Water Discharge Permit UGW370004 (the "Permit").

This is the plan and time schedule (the "Plan") required under Part I.G.4(c) of the Permit relating to violations of Part I.G.2 of the Permit for the 3rd quarter of 2014. Part I.G.2 of the Permit provides that out-of-compliance status exists when the concentration of a pollutant in two consecutive samples from a compliance monitoring point exceeds a groundwater compliance limit ("GWCL") in Table 2 of the Permit.

The Permit was originally issued in March 2005, at which time GWCLs were set on an interim basis, based on fractions of State Ground Water Quality Standards or the equivalent, without reference to natural background at the Mill site. The Permit also required that EFRI prepare a background groundwater quality report to evaluate all historic data for the purposes of establishing background groundwater quality at the site and developing GWCLs under the Permit.

As required by then Part I.H.3 of the Permit, EFRI submitted the following to the Director of the State of Utah Division of Radiation Control (the "Director"):

- A *Revised Background Groundwater Quality Report: Existing Wells For Denison Mines (USA) Corp.'s Mill Site, San Juan County, Utah*, October 2007, prepared by INTERA, Inc. (the "Existing Wells Background Report");

- A *Revised Addendum: -- Evaluation of Available Pre-Operational and Regional Background Data, Background Groundwater Quality Report: Existing Wells For Denison Mines (USA) Corp.'s Mill Site, San Juan County, Utah*, November 16, 2007, prepared by INTERA, Inc. (the "Regional Background Report"); and

- A *Revised Addendum: -- Background Groundwater Quality Report: New Wells For Denison Mines (USA) Corp.'s Mill Site, San Juan County, Utah,* April 30, 2008, prepared by INTERA, Inc. (the "New Wells Background Report, and together with the Existing Wells Background Report and the Regional Background Report, the "Background Reports").

Based on a review of the Background Reports and other information and analyses the Director re-opened the Permit and modified the GWCLs to be equal to the mean concentration of background for each constituent on an intrawell basis plus two standard deviations or the equivalent. The modified GWCLs became effective on January 20, 2010.

Part I.G.4 c) of the GWDP states, with respect to exceedances of GWCLs, "that the Permittee shall prepare and submit within 30 calendar days to the Executive Secretary a plan and a time schedule for assessment of the sources, extent and potential dispersion of the contamination, and an evaluation of potential remedial action to restore and maintain groundwater quality to insure

that Permit limits will not be exceeded at the compliance monitoring point and that DMT or BAT will be reestablished." Pursuant to this requirement, EFRI has submitted eight Plans and Time Schedules and associated Source Assessment Reports ("SARs") to address previous dual exceedances (as required in light of other actions currently being undertaken by EFRI and as determined by DRC Staff and stated in teleconferences with EFRI on April 27 and May 2, 2011).

2. CONSTITUENTS AND WELLS SUBJECT TO THIS PLAN

The following constituent has been identified in one well in the 3rd Quarter 2014 Exceedance Notice as being in out-of-compliance status under Part I.G.2 of the Permit:

Table 1
Constituent and Well Subject to this Plan

Constituent	Monitoring Event	POC Well	GWCL	Result
Uranium	2nd Quarter 2014 3rd Quarter 2014	MW-28	4.9 µg/L	61.3 µg/L 10.6 µg/L

It should be noted that the 3rd Quarter 2014 Exceedance Notice identifies a number of wells with consecutive exceedances of Nitrate + Nitrite and/or Chloride, Chloroform and Dichloromethane, and pH (less than the respective GWCLs for pH) in a number of wells. However, none of those constituents are included in this Plan, for the reasons stated in the 3rd Quarter 2014 Exceedance Notice. Chloroform and Dichloromethane are associated with the Chloroform Plume, and the August 23, 1999 DRC Notice of Violation and Groundwater Corrective Action Order. Nitrate + Nitrite and Chloride are associated with the Nitrate/Chloride plume, and are currently covered by the December 12, 2012 Stipulation and Consent Order. With respect to pH, EFRI and DRC entered into a Stipulated Consent Agreement ("SCA") dated July 12, 2012. The SCA required the completion of the pH Report and the Pyrite Investigation and associated report. The pH Report and Pyrite Investigation Report were submitted November 9, 2012 and December 7, 2012 respectively. By letter dated April 25, 2013, DRC accepted the conclusions that the out-of-compliance results for pH are due to background effects within the aquifer matrix and are not caused by Mill activities.

3. CATEGORIES FOR ANALYSIS

Previously EFRI has categorized wells and constituents in several categories as follows:

- Constituents Potentially Impacted by Decreasing pH Trends Across the Site
- Newly Installed Wells with Interim GWCLs
- Constituents in Wells with Previously Identified Rising Trends
- Pumping Wells
- Other Constituents

Uranium in MW-28 falls within the last category: other constituents. Assessment of uranium in MW-28 will follow the process noted below.

3.1. Other Constituents

On May 28, 2014 EFRI notified DRC personnel of damage to Monitoring Well 28 ("MW-28"). The damage was noted by EFRI Environmental Staff during routine, quarterly sampling activities. Upon arrival at MW-28, EFRI Environmental Staff noticed that there was evidence that a vehicle had struck the outer protective metal casing of MW-28 and it was slightly bent and leaning to the west. Inspection of the inner, 10-inch PVC protective casing and the 4-inch well casing also showed signs of damage. The concrete seal between the 10-inch casing and the 4-inch casing was cracked and EFRI Environmental Staff noted that the 2 inner PVC casings were likely cracked and/or broken. Upon discovery of the damage on May 28, 2014, EFRI Environmental Staff contacted the EFRI Quality Assurance Manager ("QAM") via text message. The EFRI QAM notified DRC personnel in person, while at the DRC offices in Salt Lake City. On June 2, and June 5, 2014 Environmental Staff and Bayles Exploration repaired the well and removed the debris in the bottom of the well resulting from the damage. The Environmental Staff then overpumped the well and removed over 4 casing volumes to redevelop the well. The well was sampled and the routine, second quarter 2014 sample was collected on June 18, 2014. The repair notification and report are included as Attachment 1 of this Plan.

Three new analytes were reported above the GWCL in the second quarter 2014 data. The analytes are uranium, vanadium and cadmium. The third quarter 2014 data show a decrease in all three constituents with vanadium and cadmium below the GWCLs. The one-time exceedances followed by a sharp decline indicate that the exceedances were temporary and are the result of the damage to the well and the subsequent activities undertaken to repair the casing and clean out the debris and soils.

Per the GWDP, EFRI began accelerated monitoring in third quarter 2014 in MW-28 for those three constituents. The third quarter 2014 MW-28 results for vanadium and cadmium are below the GWCLs and no further action except accelerated monitoring of those constituents is required. The uranium result dropped significantly, but remained above the GWCL in the third quarter 2014. As stated above, Part I.G.4 c) of the GWDP a Plan and Time Schedule is required for constituents exceeding their GWCL in two consecutive monitoring periods.

4. PLAN

4.1. General

This Plan is a plan and time schedule for assessment of the sources, extent and potential dispersion of the contamination, and an evaluation of potential remedial action to restore and maintain groundwater quality to ensure that Permit limits will not be exceeded at the compliance monitoring point and that, to the extent applicable, discharge minimization technology and best available technology will be reestablished.

Given the historic results (Attachment 2), lack of previous exceedances and the analyses in the Background Reports, EFRI believes the exceedances are temporary and are the result of the damage to the well and the subsequent activities undertaken to repair the casing and clean out the debris and soils.

Therefore, the analysis of the exceedance will be to continue monitoring MW-28 on an accelerated schedule (from semi-annually to quarterly) for uranium, vanadium and cadmium as required by the GWDP. Based on the sharp decline noted from second to third quarter, EFRI anticipates that the results for cadmium and vanadium will remain below the GWCL and uranium will fall below the GWCL. Currently, additional actions beyond accelerated monitoring are required are not required for vanadium and cadmium because these constituents have only exceeded their GWCL once. An assessment of the uranium results will be completed after two more quarters of data are collected (fourth quarter 2014 and first quarter 2015). If the uranium results continue to exceed the GWCL, EFRI will perform a video inspection of the interior of MW-28 to investigate the possibility of additional physical damage to the well structure that may be causing the elevated uranium results. Further actions would be determined after the video inspection based on the results of any such inspection.

5. TIME SCHEDULE

Accelerated monitoring will continue as required. An assessment of the uranium results will be completed after the first quarter 2015 results are received. The results of the assessment will be included in the first quarter 2015 report submitted to DRC on or before June 1, 2015. If additional video inspections are required based on the results from the fourth quarter 2014 and first quarter 2015, the schedule and process for completion of the inspection will be discussed with DRC at the time the first quarter 2015 Exceedance Notice is submitted.

Any further studies identified by the Director as being required in order to fulfill the requirements of Part I.G.4(c) of the Permit or the Notice, will be prepared and submitted by EFRI in accordance with a schedule to be approved by the Director.

6. CONCLUSION

As noted above and in the attached Well Repair Notification, MW-28 was struck by a vehicle and sustained a significant amount of damage to the outer and inner casings. Repairs and clean out of the well were completed. A large amount of soil, concrete and casing pieces were removed from the well during the clean out, after the repairs were completed. The repair and clean out activities were completed less than 2 weeks prior to the second quarter sample collection. The damage, repair and subsequent clean out activities affected the well and likely caused the exceedances noted in the second quarter as well as the repeat exceedance of uranium in the third quarter. The sharp decline of the detections between the second and third quarter indicates that the exceedances are temporary and are the result of disturbances resulting from the damage, repairs and cleanout.

MW-28 has not been impacted by Mill activities and the exceedance is not the result of Mill activities because no other constituents have been detected above their GWCLs. Mill impacts would be seen through significant increases of the indicator parameters. No increases in the indicator parameters were noted in the second and third quarter samples.

ATTACHMENT 1
Well Repair Notification for MW-28

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

July 2, 2014

Sent VIA OVERNIGHT DELIVERY

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

Re: Energy Fuels Resources (USA) Inc. Monitoring Well Repair Notification for MW-28 at White Mesa Uranium Mill, Blanding Utah

Dear Mr. Lundberg:

On May 28, 2014, Energy Fuels Resources (USA) Inc. ("EFRI") notified Utah Division of Radiation Control ("DRC") personnel of damage noted to Monitoring Well 28 ("MW-28"). The damage was noted by EFRI Environmental Staff during routine, quarterly sampling activities. This letter documents the investigation into the cause of the damage and the repairs completed.

Incident Description

- On May 28, 2014, during routine, quarterly, sampling activities, EFRI Environmental Staff noted damage to MW-28. Upon arrival at MW-28, EFRI Environmental Staff noticed that the there was evidence that a vehicle had struck the outer protective metal casing of MW-28 and it was slightly bent and leaning to the west (see Photograph Number 1). Inspection of the inner, 10-inch PVC protective casing and the 4-inch well casing also showed signs of damage. The concrete seal between the 10-inch casing and the 4-inch casing was cracked and EFRI Environmental Staff noted that the 2 inner PVC casings were likely cracked and/or broken.

- The Environmental Staff noted that the metal casing lid was broken off (see Photograph 1) and a portion of the dedicated pump tubing had slipped into the well. The tubing was retrieved. When the static water level was measured, approximately 2 feet of the probe and tape were covered with mud and debris.

- Upon discovery of the damage on May 28, 2014, EFRI Environmental Staff contacted the EFRI Quality Assurance Manager ("QAM") via text message. The EFRI QAM notified DRC personnel in person, while at the DRC offices in Salt Lake City.

- An incident investigation was started on May 28, 2014 in response to the damage to MW-28.

Incident Investigation Results

- There was an incident on the weekend on May 17, and May 18, 2014 that involved a pickup truck. The pickup truck was found with damage to the right passenger side bumper and rear right tire on May 19, 2014. The bumper was dented and the fiberglass broken. The employee in possession of the pickup truck stated that a rock had done the damage.

- Immediately upon discovery of the damage to MW-28 on May 28, 2014, the Operation Superintendent took the damaged truck out to the well and the damage on the bumper matched the damage on the casing. The employee was contacted for further details to discuss the latest findings and observations.

- The employee again stated that the damage resulted from hitting a rock. Surveillance video from May 17 through May 19, 2014 was reviewed. The video confirmed the timeframe of the damage and indicated that the source of the damage was not a rock. The employee was terminated.

Summary of Repairs

- On Monday, June 2, 2014 Environmental Staff and Bayles Exploration examined MW-28 to assess the damage and determine if the well could be repaired.

- On June 2, 2014, a backhoe was used to excavate the perimeter of the well casings to expose any damage. Damage to the outer steel protective casing, the 2-inner PVC casings, and the sealing concrete between the 2 PVC casings was noted at approximately 3.5 feet below ground surface ("bgs"). The broken section of all three casings was removed during the excavation (see Photograph 2 and Photograph 3).

- Concrete chips and PVC debris fell into the well during the excavation and wedged the dedicated pump in place.

- The dedicated pump lines were attached to the backhoe bucket in an effort to retrieve the pump. The pump was successfully retrieved with no additional damage to the well. The pump and all sampling lines were discarded (see Photograph 2).

- After the pump was removed, the well opening was covered to prevent any further debris from falling into the well (see Photograph 4).

- The 2 PVC casings and the sealing concrete were cut with a utility saw to provide a straight edge for the repairs (see Photographs 5 and 6).

- The inner 4-inch casing was repaired using a "slip cap" to join the old casing and the new casing (see Photographs 7 and 8). Glues and adhesives were not used when joining the casings and slip cap.

- A new piece of 10-inch outer PVC casing was added to the well (see Photograph 9). The new casing was joined to the old casing using a "bell joint". Glues and adhesives were not used when joining the casings.

- Well plug (cement) was added between the 4-inch and 10-inch casing (see Photograph 10).

- A new outer steel protective casing was added.

- On June 5, 2014, Bayles Exploration removed the debris in the bottom of the well resulting from the damage. The Environmental Staff then overpumped the well and removed over 4 casing volumes to redevelop the well (Attachment A).

- The new measuring point on the top of the casing ("TOC") was surveyed by a Registered Utah Land Surveyor (Attachment B).

- The well was sampled and the routine, second quarter sample was collected on June 18, 2014.

If you should have any questions regarding this submittal please contact me.

Yours very truly,

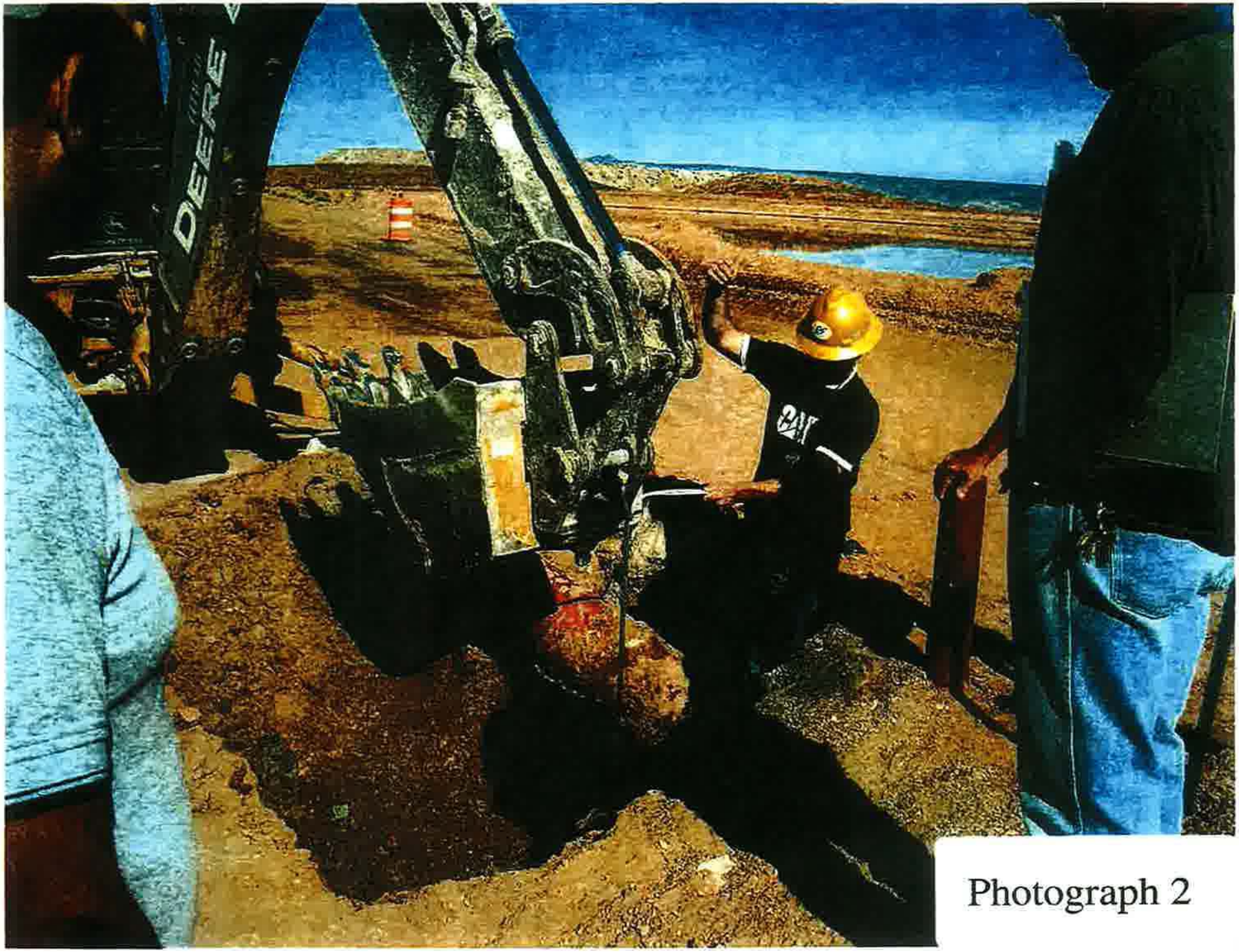
Kathy Weinel

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

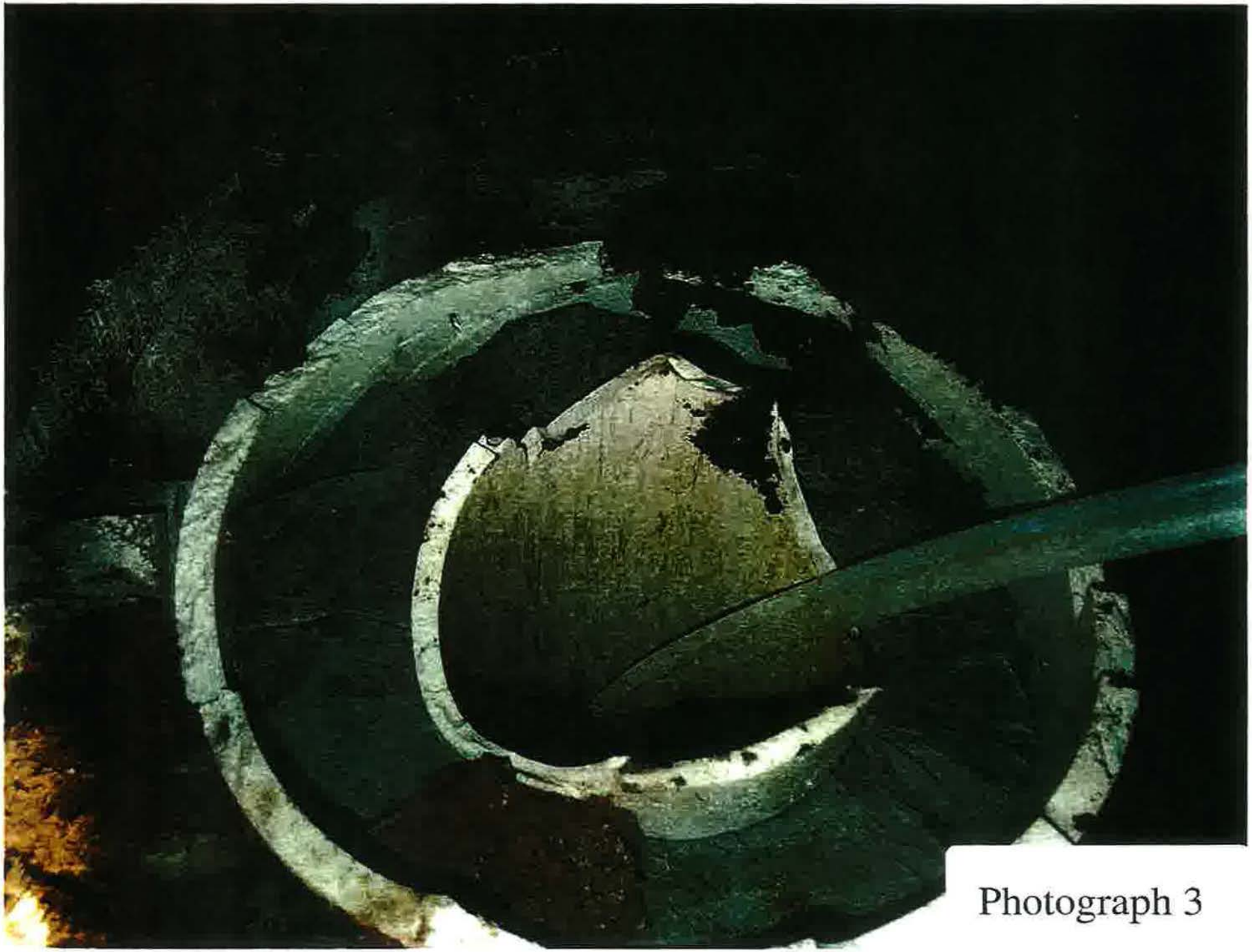
cc: David C. Frydenlund
Harold R. Roberts
David E. Turk
Dan Hillsten

Photographs

Photograph 1

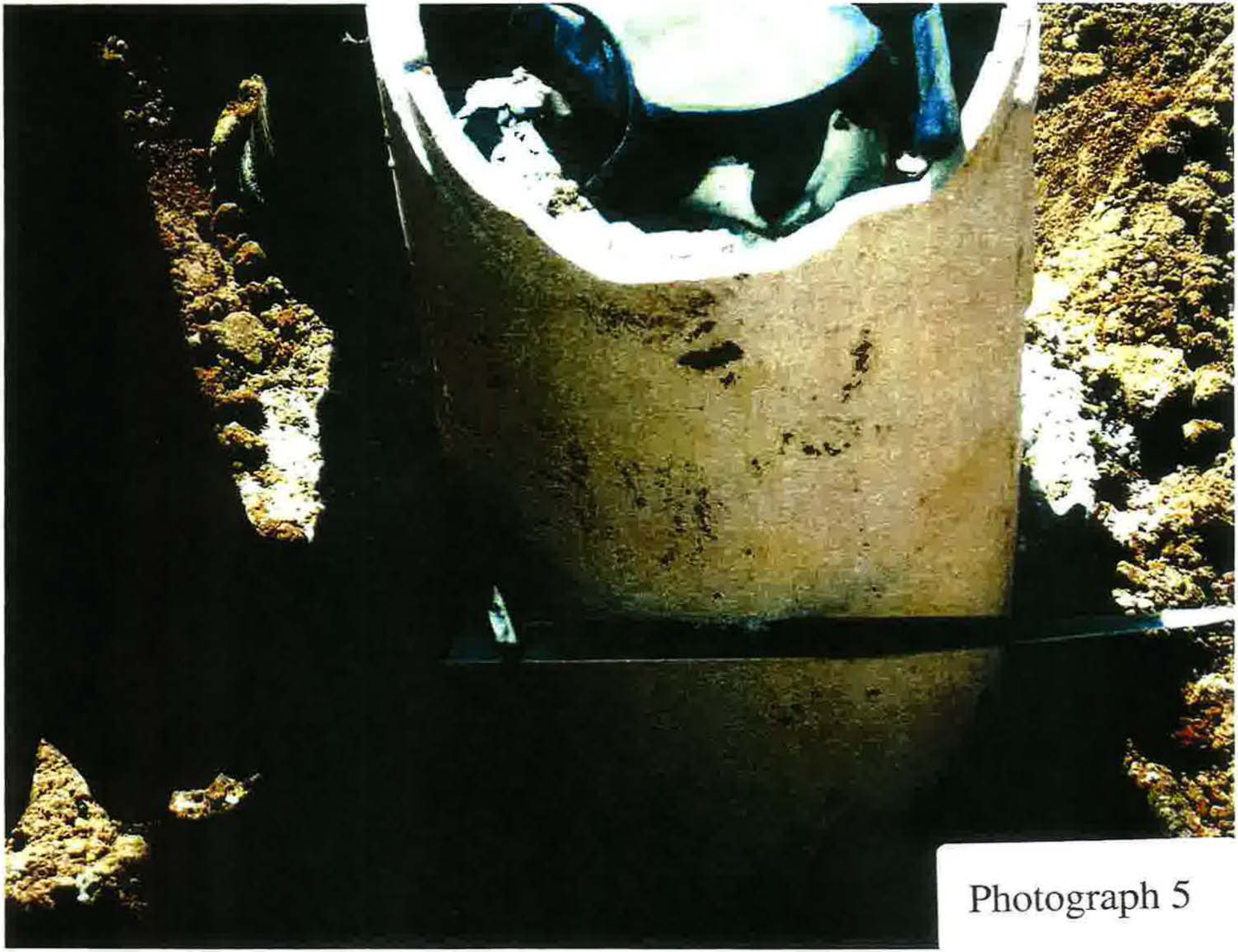


Photograph 2



Photograph 3

Photograph 4



Photograph 5

Photograph 6

Photograph 7

Photograph 8

Photograph 9

Photograph 10

Attachment A

OVERPUMPING WELL DEVELOPMENT DATA

Well Number: _____

Initial Depth to Bottom (0.01ft): 105 Initial Depth to Bottom (0.01ft): _____

Initial Depth to Water (0.01ft): 75.55 Final Depth to Bottom (0.01ft): _____

Date Installed: _____ Well Number: MW-28

Pump Type: Grundfos Pump Rate: 11 GPM Casing Volume: 19.23

3cv = 57.69

Date	Time	Volume of Water Removed	pH	Specific Conductance	Temp	Turbidity	Notes (color, clarity, particulates etc.)
6/5/14	1005	11	6.05	3915	15.72	18.7	clear
"	1006	22	6.47	3881	15.60	21.0	cloudy
		pump ran for 2 minutes 30 seconds, well ran Dry					
		Pumped 27.5 Gallons					
DTW 6/5/14	1156	11	6.67	4112	16.05	19.7	Muddy
76.30 "	1157	22	6.66	4250	15.63	7.2	clear
		Pump ran for 2 minutes and 20 seconds					
		Pumped 25.6 Gallons					
DTW 6/5/14	1413	11	7.67	4210	16.40	7.67	murky/cloudy
76.25 "	1414	22	7.23	4364	16.00	7.23	clear
		Pump ran for 2 minutes and 20 seconds well ran dry.					
		Pumped 25.6 Gallons.					
		Pumped a total of 78.7 Gallons					

Casing Volume Calculation:

Volume (in gallons) = (h)(cf)

Where:

h = height of the water column in feet

cf = Conversion factor (2 inch = 0.1632, 3 inch = 0.3672, 4 inch = 0.6528, 6 inch = 1.4688)

Attachment B

Energy Fuels Resources (USA) Inc.
850 East Highway 89A, PO Box 897
Fredonia, AZ 86022
928 643 6185, fax 928 643 6186
www.energyfuels.com

June 12, 2014

Energy Fuels Resources (USA) Inc.
c/o Garrin Palmer
6425 South Highway 191
P.O. Box 809
Blanding, Utah 84511

Garrin,

Attached are the following:

1. Monitoring Wells May 2014

SURVEYOR'S CERTIFICATE

I , Michael W. Purdy a Registered Utah Land Surveyor do hereby certify that I hold a license in accordance with title 58, chapter 22, professional engineers and land surveyors licensing act, Utah code annotated, 1953 as amended, certificate no. 334571. I further certify that these reports correctly show a survey made under my direct supervision.

Energy Fuels Resources - Monitoring Well Information - June 2014						
Coordinate System: Modified Utah State Plane - NAD83 - South Zone - US Survey Feet						
					Using Fisher Survey Vertical Datum	
Well #	**Northing**		**Easting**		**Top Casing Elev.**	**Ground Elev.**
MW-28	10164465.69		2217615.744		5619.78	5618.33

ATTACHMENT 2
Historic Results for MW-28

MW-28 Historical Data

Parameter Name	Date Sampled	Report Result	Report Units	Lab Qualifier
Cadmium	6/21/2005	3.4	ug/L	
	9/22/2005	1.58	ug/L	
	12/14/2005	4.68	ug/L	
	3/22/2006	4.22	ug/L	
	6/23/2006	2.68	ug/L	
	9/12/2006	3.94	ug/L	
	10/24/2006	3.94	ug/L	
	3/15/2007	1.84	ug/L	
	6/20/2007	3.27	ug/L	
	8/28/2007	3.34	ug/L	
	10/23/2007	3.36	ug/L	
	3/12/2008	3.33	ug/L	
	3/12/2008	3.4	ug/L	
	6/3/2008	3.22	ug/L	
	8/6/2008	3.42	ug/L	
	11/5/2008	3.87	ug/L	
	2/4/2009	3.66	ug/L	
	5/12/2009	3.9	ug/L	
	8/17/2009	3.8	ug/L	
	10/12/2009	4.39	ug/L	
	1/19/2010	4.01	ug/L	
	4/19/2010	4.2	ug/L	
	11/12/2010	4.11	ug/L	
	4/11/2011	4.13	ug/L	
	10/5/2011	3.99	ug/L	
	5/8/2012	3.85	ug/L	
	11/14/2012	4.37	ug/L	
	5/15/2013	4.61	ug/L	
	12/4/2013	4.74	ug/L	
	6/18/2014	5.41	ug/L	
	9/16/2014	4.7	ug/L	

MW-28 Historical Data

Parameter Name	Date Sampled	Report Result	Report Units	Lab Qualifier
Uranium	6/21/2005	3.22	ug/L	
	9/22/2005	3.75	ug/L	
	12/14/2005	3.46	ug/L	
	3/22/2006	3.89	ug/L	
	6/23/2006	4.89	ug/L	
	9/12/2006	3.36	ug/L	
	10/24/2006	3.49	ug/L	
	3/15/2007	2.69	ug/L	
	6/20/2007	4.56	ug/L	
	8/28/2007	3.67	ug/L	
	10/23/2007	3.4	ug/L	
	3/12/2008	3.21	ug/L	
	3/12/2008	3.17	ug/L	
	6/3/2008	3.46	ug/L	
	8/6/2008	3.15	ug/L	
	11/5/2008	3.55	ug/L	
	2/4/2009	3.42	ug/L	
	5/12/2009	3.34	ug/L	
	8/17/2009	3.24	ug/L	
	10/12/2009	3.46	ug/L	
	1/19/2010	3.51	ug/L	
	4/19/2010	3.36	ug/L	
	11/12/2010	3.45	ug/L	
	4/11/2011	3.29	ug/L	
	10/5/2011	3.19	ug/L	
	5/8/2012	3.44	ug/L	
	11/14/2012	3.45	ug/L	
	5/15/2013	3.58	ug/L	
	12/4/2013	3.34	ug/L	
	6/18/2014	61.3	ug/L	
	9/16/2014	10.6	ug/L	

MW-28 Historical Data

Parameter Name	Date Sampled	Report Result	Report Units	Lab Qualifier
Vanadium	6/21/2005	20	ug/L	U
	9/22/2005	15	ug/L	U
	12/14/2005	15	ug/L	U
	3/22/2006	15	ug/L	U
	6/23/2006	15	ug/L	U
	9/12/2006	15	ug/L	U
	10/24/2006	15	ug/L	U
	3/15/2007	15	ug/L	U
	6/20/2007	15	ug/L	U
	8/28/2007	15	ug/L	U
	10/23/2007	15	ug/L	U
	3/12/2008	15	ug/L	U
	3/12/2008	15	ug/L	U
	6/3/2008	15	ug/L	U
	8/6/2008	15	ug/L	U
	11/5/2008	15	ug/L	U
	2/4/2009	15	ug/L	U
	5/12/2009	15	ug/L	U
	8/17/2009	15	ug/L	U
	10/12/2009	15	ug/L	U
	1/19/2010	15	ug/L	U
	4/19/2010	15	ug/L	U
	11/12/2010	15	ug/L	U
	4/11/2011	15	ug/L	U
	10/5/2011	15	ug/L	U
	5/8/2012	15	ug/L	U
	11/14/2012	15	ug/L	U
	5/15/2013	15	ug/L	U
	12/4/2013	15	ug/L	U
	6/18/2014	109	ug/L	
	9/16/2014	18.5	ug/L	