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February 22, 2016

Sent VIA OVERNIGHT DELIVERY

Mr. Scott Anderson
Director of Division of Waste Management and Radiation Control
Utah Department of Environmental Quality
195 North 1950 West
P.O. Box 144880
Salt Lake City, UT 84114-4880

Re: Transmittal of 4th Quarter 2015 Groundwater Monitoring Report
Groundwater Quality Discharge Permit UGW370004 White Mesa Uranium Mill

Dear Mr. Anderson:

Enclosed are two copies of the White Mesa Uranium Mill Groundwater Monitoring Report for the 4th 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
Scott Bakken
Logan Shumway

White Mesa Uranium Mill

Groundwater Monitoring Report

State of Utah
Groundwater Discharge Permit No. UGW370004

4th Quarter
(October through December)
2015

Prepared by:

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

February 22, 2016

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ACRONYM LIST

AWAL	American West Analytical Laboratory
COC	Chain-of-Custody
DWMRC	Utah Division of Waste Management and 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 fourth 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 quarterly, semi-annual 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 and the wells sampled semi-annually. Wells which are sampled routinely every quarter and semi-annually were analyzed for the parameters listed in Table 2 and Part I.E.1.d) 2)ii of the GWDP dated August 24, 2012.

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 Waste Management and Radiation Control ("DWMRC").

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. DWMRC 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 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. DWMRC 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 is 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 DWMRC 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 DWMRC 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 outer 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"). The EFRI QAM notified DWMRC personnel in person, while at the DWMRC 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.

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. Per the GWDP, EFRI began accelerated monitoring in third quarter 2014 at MW-28 for those three constituents. The fourth 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 remained above the GWCL in the third quarter 2014. Part I.G.4 c) of the GWDP requires a Plan and Time Schedule for constituents exceeding their GWCL in two consecutive monitoring periods. A Plan and Time Schedule was submitted for uranium in MW-28 on December 4, 2014 as required.

The Plan and Time Schedule specified that an assessment of the uranium results would be completed after the first quarter 2015 sampling event. 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. The first quarter 2015 MW-28 results for uranium were below the GWCLs. The second quarter 2015 MW-28 uranium result was slightly above the GWCL and within the analytical variability of the method. Per discussions with DWMRC, EFRI was to continue to collect uranium data quarterly in MW-28 and assess the results and determine a path forward after the fourth quarter 2015. Both the third and fourth quarter 2015 results for uranium were below the GWCL and no further action except accelerated monitoring is required. EFRI will continue accelerated monitoring as required by the GWDP and discuss any additional findings in future reports.

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.

Four 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-20 and MW-37 have dedicated pumps for purging and sampling and as such no rinsate blanks samples are required. MW-20 and MW-37 were 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 after 2 casing volumes were removed: MW-03A, MW-23, and MW-24.

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-20 and MW-37. MW-20 and MW-37 were evacuated to dryness before two casing volumes could be removed. MW-20 and MW-37 have insufficient water to purge using a pump. Due to the small volume of water present, these wells are purged and sampled using a disposable bailer. MW-20 and 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-22, MW-29, MW-31, 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 and MW-26 in the October monthly event and MW-11 in the December 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 DWMRC of March 26, 2010 discusses further why turbidity does not appear to be an appropriate parameter for assessing well stabilization. In response to DWMRC'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 DWMRC on September 30, 2011. DWMRC responded to the redevelopment report via letter on November 15, 2012. Per the DWMRC 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 except for ammonia in duplicate pair MW-35/MW-65. The ammonia results reported for MW-35/MW-65 were not five times greater than the reporting limits of 0.05 mg/L and as such the deviation from the 20% RPD requirement is acceptable. 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 the Gross Alpha minus Rn and U ("Gross Alpha") which is described below. 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. The quarterly, semi-annual, and accelerated radiologic sample results met the counting error requirements specified in the QAP.

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 for duplicate pair MW-35/MW-65 in the December monthly event was above the acceptance limit specified in the QAP. The approved QAP specifies a separate corrective action for duplicate results outside of acceptance limits. The revised procedure for duplicate results outside of acceptance limits was implemented for the gross alpha results for duplicate pair MW-35/MW-65. The corrective actions that were taken in accordance with the QAP procedure are as follows: the QA Manager contacted the Analytical Laboratory and requested a review of the raw data to assure that there were no transcription errors and the

data were accurately reported. The laboratory noted that the data were accurate and reported correctly. It was noted during data review that the laboratory used sample MW-35 for the laboratory duplicate. The laboratory duplicate RPD was also outside of the laboratory established RPD limits. Based on 2 separate duplicate analyses of MW-35 (the laboratory and field), it appears that the duplication issues are related to a matrix interference. Reanalysis was not completed because of the suspected matrix interference issues.

All of the other radiologic duplicates were within acceptance limits. Results of quarterly, semi-annual, and accelerated radiologic sample QC are provided under Tab G.

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 were 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 and accelerated samples had no reported detections above the RL of any constituent. 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

There are no corrective actions required during the current monitoring period.

4.1 Assessment of Corrective Actions from Previous Period

No corrective actions were identified in the third quarter 2015 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 DWMRC, 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 February 22, 2016.

ENERGY FUELS RESOURCES (USA) INC.

By:

Scott A. Bakken
Senior Director Regulatory 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
Senior Director Regulatory Affairs
Energy Fuels Resources (USA) Inc.

Tables

Table 1: Summary of Well Sampling for Q4 2015

Well	Normal Frequency	Purpose for sampling this quarter	Sample Date	Date of Lab Report
MW-01	Semi-annually	Semi-annually	11/11/2015	(12/4/15) [12/4/15]
MW-02	Semi-annually	Semi-annually	11/16/2015	(12/15/15) [12/22/15]
MW-03	Semi-annually	Semi-annually	11/3/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-03A	Semi-annually	Semi-annually	11/4/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-05	Semi-annually	Semi-annually	11/4/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-11	Quarterly	Quarterly	11/11/2015	(12/4/15) [12/4/15]
MW-12	Semi-annually	Semi-annually	11/17/2015	(12/15/15) [12/22/15]
MW-14	Quarterly	Quarterly	11/3/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-15	Semi-annually	Semi-annually	11/16/2015	(12/15/15) [12/22/15]
MW-17	Semi-annually	Semi-annually	11/4/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-18	Semi-annually	Semi-annually	11/9/2015	(12/4/15) [12/4/15]
MW-19	Semi-annually	Semi-annually	11/10/2015	(12/4/15) [12/4/15]
MW-20	Semi-annually	Semi-annually	12/9/2015	(1/4/16) [1/13/16]
MW-22	Semi-annually	Semi-annually	11/17/2015	(12/15/15) [12/22/15]
MW-23	Semi-annually	Semi-annually	11/18/2015	(12/15/15) [12/22/15]
MW-24	Semi-annually	Semi-annually	11/18/2015	(12/15/15) [12/22/15]
MW-25	Quarterly	Quarterly	11/11/2015	(12/4/15) [12/4/15]
MW-26	Quarterly	Quarterly	11/11/2015	(12/4/15) [12/4/15]
MW-27	Semi-annually	Semi-annually	11/10/2015	(12/4/15) [12/4/15]
MW-28	Semi-annually	Semi-annually	11/10/2015	(12/4/15) [12/4/15]
MW-29	Semi-annually	Semi-annually	11/16/2015	(12/15/15) [12/22/15]
MW-30	Quarterly	Quarterly	11/11/2015	(12/4/15) [12/4/15]
MW-31	Quarterly	Quarterly	11/9/2015	(12/4/15) [12/4/15]
MW-32	Semi-annually	Semi-annually	11/3/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-35	Quarterly	Background	11/3/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-36	Quarterly	Background	11/3/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-37	Quarterly	Background	12/9/2015	(1/4/16) [1/13/16]
MW-65	1 per Batch	Duplicate of MW-35	11/3/2015	(11/30/15) [12/4/15] *[12/17/15]*
MW-70	1 per Batch	Duplicate of MW-22	11/17/2015	(12/15/15) [12/22/15]
Accelerated October Monthly				
MW-11	Monthly	Accelerated	10/7/2015	(10/26/15) *(11/3/15)*
MW-14	Monthly	Accelerated	10/8/2015	No laboratory data - well was sampled for field pH only
MW-25	Monthly	Accelerated	10/6/2015	(10/26/15) *(11/3/15)*
MW-26	Monthly	Accelerated	10/7/2015	(10/26/15) *(11/3/15)*
MW-30	Monthly	Accelerated	10/7/2015	(10/26/15) *(11/3/15)*
MW-31	Monthly	Accelerated	10/6/2015	(10/26/15) *(11/3/15)*
MW-35	Monthly	Accelerated	10/6/2015	(10/26/15) *(11/3/15)* [11/6/15]
MW-65	1 per Batch	Duplicate of MW-30	10/7/2015	(10/26/15) *(11/3/15)*
Accelerated December Monthly				
MW-11	Monthly	Accelerated	12/8/2015	(1/5/16)
MW-14	Monthly	Accelerated	12/8/2015	No laboratory data - well was sampled for field pH only
MW-25	Monthly	Accelerated	12/8/2015	(1/5/16)
MW-26	Monthly	Accelerated	12/8/2015	(1/5/16)
MW-30	Monthly	Accelerated	12/9/2015	(1/5/16)
MW-31	Monthly	Accelerated	12/8/2015	(1/5/16)
MW-35	Monthly	Accelerated	12/14/2015	(12/31/15) [1/13/16] *[1/14/16]*
MW-65	1 per Batch	Duplicate of MW-35	12/14/2015	(12/31/15) [1/13/16] *[1/14/16]*

Notes:

Multiple dates shown for a single laboratory depict resubmission dates for the data. Resubmissions were required to correct reporting errors. When multiple dates are shown for a single laboratory, the final submission date is shown in italics.

Date in (parenthesis) depicts the date that data were reported from American West Analytical Laboratories. Date in [square brackets] depicts the date the data were reported from GEL

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	36.8	Quarterly	Monthly	Q3 2015	December 2015
	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
	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
	Fluoride (mg/L)	0.51	0.572	Quarterly	Monthly	Q4 2015	March 2016
	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
	Field pH (S.U.)	6.5 - 8.5	6.49	Quarterly	Monthly	July 2011	August 2011
	Gross Alpha minus Rn & U (pCi/L)	3.75	4.5	Quarterly	Monthly	Q3 2011	Q4 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)	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
	Chloride (mg/L)	22.1	23.9	Semi-Annually	Quarterly	Q2 2015	Q1 2016
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
	Beryllium (ug/L)	2	2.08	Semi-Annually	Quarterly	Q2 2015	Q1 2016
	Cadmium (ug/L)	4.67	5.03 (14.2)	Semi-Annually	Quarterly	Q2 2015	Q1 2016
	Thallium (ug/L)	1.6	1.61	Semi-Annually	Quarterly	Q4 2015	Q3 2016
	Zinc (ug/L)	173.19	238 (373)	Semi-Annually	Quarterly	Q2 2015	Q1 2016
	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
	Field pH (S.U.)	6.78-8.5	6.61 (6.66)	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	Q2 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
	Field pH (S.U.)	6.5 - 8.5	6.48	Semi-Annually	Quarterly	Q4 2015	Q3 2016
	Sulfate (mg/L)	462	497	Semi-Annually	Quarterly	Q2 2013	Q1 2014
	TDS (mg/L)	1075	1160	Semi-Annually	Quarterly	Q2 2010	Q3 2010

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
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
	Sulfate (mg/L)	2946	2960	Semi-Annually	Quarterly	Q2 2015	Q1 2016
	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)	35.99	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

Highlighted text shows accelerated requirements resulting from Q4 2015 sampling event.

Table 3 – GWCL Exceedances for Fourth 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	NS	NA	9/8/2010	6.58	NS	NA	11/10/2010	***6.36***	NS	NA
	Chloride (mg/L)	35		31		31		NA		NA		NA		NA		31		NA		31		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
	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.)	6.5 - 8.5		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
	Fluoride (mg/L)	0.51		0.35		0.35		NA		NA	NS	NA	NS	NA		0.36		NA		0.36		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)	Chloride (mg/L)	22.1	NS	NA	5/5/2010	18	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	11/8/2010	15	NS	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
	Beryllium (ug/L)	2		NA		<0.5		NA		NA		NA		NA		NA		NA		<0.5		NA
	Cadmium (ug/L)	4.67		NA		0.78		NA		NA		NA		NA		NA		NA		0.63		NA
	Zinc (ug/L)	173.19		NA		96		NA		NA		NA		NA		NA		NA		40		NA
	Thallium (ug/l)	1.6		NA		1.31		NA		NA		NA		NA		NA		NA		1.34		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						Q4 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
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		2.6		NA		NA		NA		NA		NA		NA		2.4		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
	Field pH (S.U.)	6.5 - 8.5		NA		6.78		NA		NA		NA		NA		7.68		NA		6.84		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
	Sulfate (mg/L)	2946		NA		2770		NA		NA		NA		NA		NA		NA		2690		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
NR = Required and
NA = Not
Exceedances are shown in yellow
Values in () parentheses are the field pH measurements for the resampled analyses.

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

Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	Q1 2011 Results						Q2 2011 Results						Q3 2011 Results						Q4 2011 Results					
			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
	Chloride (mg/L)	35		NA		30		NA		31		NA		NA		NA	8/3/2011	32		NA		32		NA		NA
	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***
	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.)	6.5 - 8.5		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
	Fluoride (mg/L)	0.51		NA		0.34		NA		0.34		NA		NA		NA		0.33		NA		0.37		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)	Chloride (mg/L)	22.1	NS	NA	NS	NA	NS	NA	4/11/2011	18	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	10/11/2011	17	NS	NA	NS	NA
	Field pH (S.U.)	6.77 - 8.5		NA		NA		NA		7.06 (7.67)		NA		NA		NA		NA		NA		7.08 (7.51)		NA		NA
	Sulfate (mg/L)	838		NA		NA		NA		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
	Beryllium (ug/L)	2		NA		NA		NA		<0.5		NA		NA		NA		NA		NA		<0.5		NA		NA
	Cadmium (ug/L)	4.67		NA		NA		NA		1.26		NA		NA		NA		NA		NA		1.01		NA		NA
	Zinc (ug/L)	173.19		NA		NA		NA		104		NA		NA		NA		NA		NA		74		NA		NA
	Thallium (ug/l)	1.6		NA		NA		NA		1.02		NA		NA		NA		NA		NA		1.38		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 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 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
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		NS		NA		2.6		NA		NA		NA		NS		NA		***4.0***		NA		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
	Field pH (S.U.)	6.5 - 8.5		NA		6.71		NA		6.79		NA		NA		NA		***6.39***		NA		7.17		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
	Sulfate (mg/L)	2946		NA		NA		NA		2600		NA		NA		NA		NA		NA		2850		NA		NA
	Field pH (S.U.)	6.46 - 8.5		NA		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

NS = Not Available

Exceedances are shown in yellow

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

Table 3 – GWCL Exceedances for Fourth 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
	Chloride (mg/L)	35		NA		30		NA		NA		30		NA		33		NA		NA		NA		28.8		NA
	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***
	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.)	6.5 - 8.5	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
	Fluoride (mg/L)	0.51	NS	NA		0.38		NA		NA		0.34		NA		0.33		NA		NA		NA		0.329		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)	Chloride (mg/L)	22.1	NS	NA	NS	NA	NS	NA	NS	NA	5/1/2012	18	NS	NA	NS	NA	NS	NA	NS	NA	NS	NA	11/27/2012	18.5	NS	NA
	Field pH (S.U.)	6.77 - 8.5		NA		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	NA	NA	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
	Beryllium (ug/L)	2		NA		NA		NA		NA		<0.5		NA		NA		NA		NA		NA		<0.5		NA
	Cadmium (ug/L)	4.67		NA		NA		NA		NA		1.06		NA		NA		NA		NA		NA		0.954		NA
	Zinc (ug/L)	173.19		NA		NA		NA		NA		68		NA		NA		NA		NA		NA		46.1		NA
	Thallium (ug/l)	1.6		NA		NA		NA		NA		1.37		NA		NA		NA		NA		NA		1.16		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

			Q1 2012 Results						Q2 2012 Results						Q3 2012 Results						Q4 2012 Results					
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in Current 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 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		NA		1210		NA
	Field pH (S.U.)	6.25-8.5		NA		6.6		NA		NA		6.59		NA		6.64		NA		NA		NA		6.51		NA
	TDS (mg/L)	3198.77		NA		***3230***		NA		NA		***3280***		NA		***3220***		NA		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
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		***3.9***		NA		NA		***3.7***		NA		***4***		NA		NA		NA		***3.96***		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		NA		***0.558***		NA
	Sulfate (mg/L)	2903		NA		NA		NA		NA		2490		NA		NA		NA		NA		NA		2310		NA
	Thallium (ug/L)	1		NA		0.96		NA		NA		0.74		NA		***1.36***		NA		NA		NA		0.666		NA
	Field pH (S.U.)	6.5 - 8.5		NA		***6.03***		NA		NA		***6.21***		NA		***6.45***		NA		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		NA		***44.2***		NA
	Sulfate (mg/L)	462		NA		451		NA		NA		446		NA		453		NA		NA		NA		451		NA
	Field pH (S.U.)	6.5 - 8.5		NA		7.24		NA		NA		7.03		NA		7.40		NA		NA		NA		6.69		NA
	TDS (mg/L)	1075		NA		***1140***		NA		NA		***1170***		NA		***1150***		NA		NA		NA		1070		NA
	Gross Alpha minus Rn & U (pCi/L)	2		NA		***2.3***		NA		NA		0.8		NA		1.2		NA		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	***115***	NS	NA
	Cadmium (ug/L)	5.2		NA		NA		NA		NA		3.85		NA	NS	NA		NA		NA		NA		4.37		NA
	Uranium (ug/L)	4.9		NA		NA		NA		NA		3.44		NA	NS	NA		NA		NA		NA		3.45		NA
	Vanadium (ug/L)	30		NA		NA		NA		NA		<15.0		NA	NS	NA		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		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
	Sulfate (mg/L)	2946		NA		NA		NA		NA		2750		NA	NS	NA		NA		NA		NA		1340		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		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		NA		32.1		NA
	Field pH (S.U.)	6.4 - 8.5		NA		6.57		NA		NA		6.40		NA		6.72		NA		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 Fourth Quarter 2015 under the August 24, 2012 GWDP

			Q1 2013 Results						Q2 2013 Results						Q3 2013 Results						Q4 2013 Results					
Monitoring Well (Water Class)	**Constituent Exceeding GWCL**	**GWCL in August 24, 2012 GWDP**	**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
	Chloride (mg/L)	35		NA		***36.1***		NA		NA		28.1		30.4		28		31.1		29.6		28.6		29		31.2
	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***
	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.)	6.5 - 8.5		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
	Fluoride (mg/L)	0.51		NA		0.373		NA		NA		0.331		NA		0.368		NA		NA		NA		0.335		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)	Chloride (mg/L)	22.1	NS	NA	3/12/2013	NA	NS	NA	NS	NA	5/21/2013	17.8	NS	NA	7/23/2013	NA	NS	NA	NS	NA	NS	NA	12/4/2013	18.7	NS	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
	Beryllium (ug/L)	2		NA		NA		NA		NA		<0.5		NA		NA		NA		NA		NA		<0.5		NA
	Cadmium (ug/L)	4.67		NA		NA		NA		NA		1.42		NA		NA		NA		NA		NA		<0.5		NA
	Zinc (ug/L)	173.19		NA		NA		NA		NA		72.1		NA		NA		NA		NA		NA		20.3		NA
	Thallium (ug/l)	1.6		NA		NA		NA		NA		1.21		NA		NA		NA		NA		NA		1.1		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

			Q1 2013 Results						Q2 2013 Results						Q3 2013 Results						Q4 2013 Results					
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in Current GWDP	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 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
	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-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
	Field pH (S.U.)	6.5 - 8.5		NA		7.03		NA		NA		7.58		NA		7.00		NA		NA		NA		7.16		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
	Sulfate (mg/L)	2946		NA		NA		NA		NA		2450		NA		NA		NA		NA		NA		2750		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
Exceedances are shown in yellow
Values in () parentheses are the field pH measurements for the resampled analyses.

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

			Q1 2014 Results						Q2 2014 Results						Q3 2014 Results						Q4 2014 Results					
Monitoring Well (Water Class)	Constituent Exceeding GWCL	GWCL in August 24, 2012 GWDP	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	July 2014 Monthly Sample Date	July 2014 Monthly Result	August 2014 Monthly Sample Date	August 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 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***
	Chloride (mg/L)	35		31		30.4		31.5		31		26.4		30.9		NA		NA		30		NA		29.6		NA
	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***
	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.)	6.5 - 8.5		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
	Fluoride (mg/L)	0.51		NA		0.332		0.357		NA		NA		0.342		NA		NA		0.40		NA		0.262		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)	Chloride (mg/L)	22.1	NS	NA	NS	NA	2/20/2014	NA	NS	NA	NS	NA	5/28/2014	20.4	NS	NA	NS	NA	9/10/2014	NA	NS	NA	11/17/2014	19	NS	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
	Beryllium (ug/L)	2		NA		NA		NA		NA		NA		<0.5		NA		NA		NA		NA		<0.5		NA
	Cadmium (ug/L)	4.67		NA		NA		NA		NA		NA		1.7		NA		NA		NA		NA		2		NA
	Zinc (ug/L)	173.19		NA		NA		NA		NA		NA		94.5		NA		NA		NA		NA		98.3		NA
	Thallium (ug/l)	1.6		NA		NA		NA		NA		NA		1.28		NA		NA		NA		NA		1.32		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
	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-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
	Field pH (S.U.)	6.5 - 8.5		NA		NA		6.62		NA		NA		7.80		NA		NA		6.97		NA		6.70		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		***5.72***		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
	Sulfate (mg/L)	2946		NA		NA		NA		NA		NA		2510		NA		NA		NA		NA		2760		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	34		NA		33.3		NA
	Field pH (S.U.)	6.4 - 8.5		NA		NA		***6.15***		NA		NA		6.64		NA		NA	9/2/2014	***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.

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

			Q1 2015 Results						Q2 2015 Results						Q3 2015 Results						Q4 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	Q2 2015 Sample Date	Q2 2015 Result	May 2015 Monthly Sample Date	May 2015 Monthly Result	June 2015 Monthly Sample Date	June 2015 Monthly Result	July 2015 Monthly Sample Date	July 2015 Monthly Result	Q3 2015 Sample Date	Q3 2015 Result	September 2015 Monthly Sample Date	September 2015 Monthly Result	October 2015 Monthly Sample Date	October 2015 Monthly Result	Q4 2015 Sample Date	Q4 2015 Result	December 2015 Monthly Sample Date	December 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***	4/8/2015	***170***	5/11/2015	123	6/23/2015	***149***	7/7/2015	***178***	8/10/2015	***138***	9/16/2015	***160***	10/7/2015	***237***	11/11/2015	126	12/8/2015	***139***	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***	4/8/2015	6.55	5/11/2015	***6.30***	6/1/2015	6.65	7/7/2015	6.57	8/11/2015	***6.37***	9/16/2015	6.51	10/8/2015	***6.45***	11/3/2015	6.52	12/8/2015	***6.45***	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***	4/7/2015	6.52	5/11/2015	***6.46***	6/1/2015 6/23/2015	6.59, 6.53	7/6/2015	6.70	8/10/2015	***6.47***	9/15/2015	6.58	10/6/2015	***6.45***	11/11/2015	6.79	12/8/2015	***6.41***	Quarterly
	Chloride (mg/L)	35		NA		30.5		NA		31.1		NA	NS	NA		NA		***36.8***		NA		NA		29.8		31.1	Quarterly
	Cadmium (ug/L)	1.5		1.44		1.33		1.37		1.27		1.38	6/23/2015	1.42		1.43		1.41		1.31		1.5		1.38		1.45	Quarterly
	Uranium (ug/L)	6.5		***6.54***		***6.81***		6.43		5.86		6.38		5.88		6.25		6.39		6.20		6.40		6.19		6.00	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***	4/9/2015	***0.845***	5/12/2015	0.606	6/24/2015	0.588	7/7/2015	***1.15***	8/10/2015 8/17/2015	***1.75***	9/16/2015	***0.795***	10/7/2015	***2.36***	11/11/2015	***1.11***	12/8/2015	***1.200***	Quarterly
	Uranium (ug/L)	41.8		2.96		***78.1***		***72.6***		***75.7***		***63.3***		***67.4***		***72.1***		***61.9***		***56.0***		***61.2***		***66.0***		***65.2***	Quarterly
	Chloroform (ug/L)	70		***3570***		***1190***		***1020***		***1520***		***1160***		***2610***		***2560***		***1240***		***2150***		***2400***		***2660***		***3140***	Quarterly
	Chloride (mg/L)	58.31		***59.9***		***77.2***		***67.2***		***61.0***		***61.4***		***60.8***		***67.4***		***88.3***		***74.5***		***74.4***		***75.3***		***66.0***	Quarterly
	Field pH (S.U.)	6.74 - 8.5		***6.25***		***6.20***		***6.23***		***6.60***		***6.46***	6/3/2015 6/24/2015	***6.58, 6.20***		6.87		***6.54*** 6.81		***6.48***		6.80		***6.65***		***6.30***	Quarterly
	Dichloromethane (Methylene Chloride) (ug/L)	5		***6.42***		***5.89***		***6.95***		3.99		4.44	6/24/2015	***9.38***		***11.4***		2.17		<1.0		4.27		***9.89***		***12.0***	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***	4/8/2015	***17***	5/12/2015	***16.1***	6/24/2015	***15.8***	7/7/2015	***15.3***	8/11/2015	***17.9***	9/15/2015	***17.3***	10/7/2015	***19.1***	11/11/2015	***16.3***	12/9/2015	***18.2***	Quarterly
	Chloride (mg/L)	128		***144***		***136***		***132***		***142***		***145***		***142***		***145***		***165***		***165***		***137***		***140***		***144***	Quarterly
	Uranium (ug/L)	8.32		8.06		8.23		***8.35***		7.45		***8.38***		7.46		7.98		8.16		7.72		8.10		7.99		8.22	Quarterly
	Field pH (S.U.)	6.5 - 8.5		***6.41***		6.59		***6.32***		6.67		6.76	6/2/2015 6/24/2015	6.94, ***6.32***		6.85		6.73		6.65		6.88		6.83		6.79	Quarterly
	Ammonia (mg/L)	0.14		NS		<0.05		<0.05		0.0960		0.0824		0.0997		0.0692		<0.05		<0.05		0.0540		<0.05		<0.05	Quarterly
	Fluoride (mg/L)	0.51		NA		0.324		NA		0.286		NA	6/24/2015	NA		NA		0.247		NA		NA		***0.572***		NA	Quarterly
	Selenium (ug/L)	34		***37.2***		***40.9***		***38.0***		***37.3***		***35.7***		***37.2***		***39.2***		***41.6***		***39.1***		***43.9***		***38.6***		***40.7***	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***	4/7/2015	***19.0***	5/11/2015	***18.4***	6/23/2015	***18.0***	7/6/2015	***18.8***	8/10/2015	***19.9***	9/15/2015	***18.9***	10/6/2015	***22.0***	11/9/2015	***18.4***	12/8/2015	***19.5***	Quarterly
	TDS (mg/L)	1320		***1540***		***1520***		***1530***		***1680***		***1700***		***1630***		***1440***		***1530***		***1480***		***1540***		***1460***		***1580***	Quarterly
	Chloride (mg/L)	143		***226***		***211***		***209***		***211***		***225***		***228***		***222***		***264***		***231***		***222***		***215***		***231***	Quarterly
	Selenium (ug/L)	71		***75.6***		***79.2***		***76.2***		***75.7***		***71.6***		***74.4***		***78.2***		***82.2***		***79.0***		***78.6***		***77.7***		***80.4***	Quarterly
	Field pH (S.U.)	6.5 - 8.5		***6.49***		***6.42***		***6.40***		6.80		6.74	6/1/2015 6/23/2015	7.14, 7.08		7.22		6.80		6.73		***6.47***		***6.36***		6.70	Quarterly
	Sulfate (mg/L)	532		***669***		***623***		***616***		***642***		***668***	6/23/2015	***691***		***684***		***640***		***638***		***655***		***646***		***690***	Quarterly
MW-35 (Class II)	Manganese (ug/L)	200	1/20/2015	***228***	2/5/2015	***223***	3/4/2015	190	4/9/2015	***237***	5/12/2015	***207.0***	6/23/2015	***214***	7/7/2015	185	8/10/2015	198	9/15/15 9/22/15 9/28/15	***201,*** 176	10/6/2015	169	11/3/2015	***210***	12/14/2015	177	Quarterly
	Thallium (ug/l)	0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5, <0.5		***0.638***		<0.5		<0.5	Quarterly
	Gross Alpha minus Rn & U (pCi/L)	3.75		***6.86***		***5.61***		***3.81***		***4.25***		***4.47***	6/2/2015	***4.01***		***4.93***		3.24		***4.81, 6.13***		***4.04***		***4.47***		***4.69***	Quarterly
	Field pH (S.U.)	6.5 - 8.5		***6.22***		6.53		***6.26***		6.64		***6.46***	6/2/2015 6/23/2015	6.50, ***6.41***		6.56		***6.40***		6.52, ***6.41, 6.49***		***6.29***		6.72		6.57	Quarterly
	Selenium (ug/L)	12.5		8.21		***14.2***		***26.6***		<5.0		9.11	6/23/2015	***13.6***		***26.1***		***12.5***		***16.7, 28.5***		***39.8***		9.96		***25.0***	Quarterly
	Uranium (ug/L)	7.5		***21.8***		***20.6***		***24.4***		***20.2***		***22.5***		***20.7***		***22.0***		***22.1***		***21.3, 22.3***		***23.8***		***22.7***		***21.8***	Quarterly
Required Semi-Annual Sampling Wells																											
MW-01 (Class II)	Chloride (mg/L)	22.1	NS	NA	2/10/2015	NA	NS	NA	4/15/2015	***23.9***	NS	NA	NS	NA	NS	NA	7/27/2015	NA	NS	NA	NS	NA	11/11/2015	21.9	NS	NA	Semi-Annually
	Field pH (S.U.)	6.77 - 8.5		NA		***6.66***		NA		7.15		NA		NA		NA		7.12		NA		NA		6.83		NA	Semi-Annually
	Sulfate (mg/L)	838		NA		813		NA		***892***		NA		NA		NA		***876***		NA		NA		830		NA	Semi-Annually
MW-03 (Class III)	Selenium (ug/L)	37	NS	NA	2/11/2015	***61.1***	NS	NA	4/23/2015 5/20/2015	***81, 61.7***	NS	NA	NS	NA	NS	NA	7/28/2015	***68.3***	NS	NA	NS	NA	11/3/2015	***76.0***	NS	NA	Semi-Annually
	Field pH (S.U.)	6.5 - 8.5		NA		***6.12***		NA	4/23/2015 4/29/2015 5/20/2015	***6.18,*** 6.51, ***6.23***		NA		NA		NA		***6.16***		NA		NA		***6.25***		NA	Semi-Annually
	Beryllium (ug/L)	2		NA		NA		NA	4/23/2015 5/20/2015	1.44, ***2.08***		NA		NA		NA		NA		NA		NA		1.84		NA	Semi-Annually
	Cadmium (ug/L)	4.67		NA		NA		NA		***5.03, 14.2***		NA		NA		NA		NA		NA		NA		***12.9***		NA	Semi-Annually
	Zinc (ug/L)	173.19		NA		NA		NA		***238, 373***		NA		NA		NA		NA		NA		NA		***275***		NA	Semi-Annually
	Thallium (ug/l)	1.6		NA		NA		NA	4/23/2015 5/20/2015	1.47, 1.51		NA		NA		NA		NA		NA		NA		***1.61***		NA	Semi-Annually
	Sulfate (mg/L)	3663		NA		3260		NA		***3700***		NA		NA		NA		***3670***		NA		NA		3360		NA	Semi-Annually
	Nitrate + Nitrite (as N) (mg/L)	0.73		NA		0.638		NA	4/23/2015	0.642		NA		NA		NA		0.406		NA		NA		0.487		NA	Semi-Annually
	Fluoride (mg/L)	0.68		NA		***1.08***		NA		***1.00***		NA		NA		NA		***1.58***		NA		NA		***1.35***		NA	Semi-Annually
MW-03A (Class III)	Field pH (S.U.)	6.5 - 8.5	NS	NA	2/12/2015	***6.15***	NS	NA	4/23/2015 4/29/2015	6.59, ***6.24***	NS	NA	NS	NA	NS	NA	7/29/2015	***6.34***	NS	NA	NS	NA	11/4/2015	6.63	NS	NA	Semi-Annually
	Sulfate (mg/L)	3640		NA		3450		NA		***3720***		NA		NA		NA		***3860***		NA		NA		3380		NA	Semi-Annually
	Nitrate + Nitrite (as N) (mg/L)	1.3		NA		1.05		NA	4/23/2015	1.1		NA		NA		NA		0.435		NA		NA		0.903		NA	Semi-Annually
	TDS (mg/L)	5805		NA		5470		NA		5410		NA		NA		NA		5660		NA		NA		5510		NA	Semi-Annually
	Selenium (ug/L)	89		NA		***94.1***		NA		***101***		NA		NA		NA		85.9		NA		NA		***91.7***		NA	Semi-Annually
MW-05 (Class II)	Uranium (ug/L)	7.5	NS	NA	2/10/2015	2.94	NS	NA	4/21/2015	1.3	NS	NA	NS	NA	NS	NA	7/21/2015	0.887	NS	NA	NS	NA	11/4/2015	2.35	NS	NA	Semi-Annually
MW-12 (Class III)	Selenium (ug/L)	25	NS	NA	2/9/2015	***30.0***	NS	NA	4/21/2015	***29.4***	NS	NA	NS	NA	NS	NA	7/21/2015	24.6	NS	NA	NS	NA	11/17/2015	24.7	NS	NA	Semi-Annually
	Field pH (S.U.)	6.5 - 8.5		NA		***6.33***		NA	4/21/2015 4/28/2015	6.50, 6.70		NA		NA		NA		6.70		NA		NA		6.65		NA	Semi-Annually
MW-15 (Class III)	Selenium (ug/L)	128.7	NS	NA	2/4/2015	125	NS	NA	4/13/2015	***137***	NS	NA	NS	NA	NS	NA	7/22/2015	104	NS	NA	NS	NA	11/16/2015	107	NS	NA	Semi-Annually
	Field pH (S.U.)	6.62 - 8.5		NA		***6.50***		NA		6.82		NA		NA		NA		***6.61***		NA		NA		6.81		NA	Semi-Annually

			Q1 2015 Results						Q2 2015 Results						Q3 2015 Results						Q4 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	Q2 2015 Sample Date	Q2 2015 Result	May 2015 Monthly Sample Date	May 2015 Monthly Result	June 2015 Monthly Sample Date	June 2015 Monthly Result	July 2015 Monthly Sample Date	July 2015 Monthly Result	Q3 2015 Sample Date	Q3 2015 Result	September 2015 Monthly Sample Date	September 2015 Monthly Result	October 2015 Monthly Sample Date	October 2015 Monthly Result	Q4 2015 Sample Date	Q4 2015 Result	December 2015 Monthly Sample Date	December 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	4/15/2015	***2.81***	NS	NA	NS	NA	NS	NA	7/27/2015	***2.69***	NS	NA	NS	NA	11/9/2015	***2.68***	NS	NA	Semi-Annually
	Sulfate (mg/L)	1938.9		NA		1810		NA		1790		NA		NA		NA		***1990***		NA		NA		***2000***		NA	Semi-Annually
	Field pH (S.U.)	6.25-8.5		NA		6.27		NA		6.40		NA		NA		NA		6.43		NA		NA		6.30		NA	Semi-Annually
	TDS (mg/L)	3198.77		NA		***3240***		NA		***3350***		NA		NA		NA		3190		NA		NA		3000		NA	Semi-Annually
MW-19 (Class III)	Field pH (S.U.)	6.78-8.5	NS	NA	2/2/2015	***6.45***	NS	NA	4/14/2015	6.79	NS	NA	NS	NA	NS	NA	7/27/2015	6.78	NS	NA	NS	NA	11/10/2015	***6.70***	NS	NA	Semi-Annually
	Nitrate + Nitrite (as N) (mg/L)	2.83		NA		***2.91***		NA		***3.58***		NA		NA		NA		2.82		NA		NA		2.23		NA	Semi-Annually
MW-24 (Class III)	Cadmium (ug/L)	2.5	NS	NA	2/12/2015	***3.31***	NS	NA	5/28/2015 6/24/2015	1.79	NS	NA	NS	NA	NS	NA	7/29/2015	1.88	NS	NA	NS	NA	11/18/2015	***3.75***	NS	NA	Semi-Annually
	Fluoride (mg/L)	0.36		NA		***0.397***		NA		0.293		NA		NA		NA		***0.388***		NA		NA		***0.372***		NA	Semi-Annually
	Sulfate (mg/L)	2903		NA		2620		NA		2840		NA		NA		NA		2880		NA		NA		2790		NA	Semi-Annually
	Thallium (ug/L)	1		NA		***1.27***		NA		0.796		NA		NA		NA		0.85		NA		NA		***1.37***		NA	Semi-Annually
	Field pH (S.U.)	6.5 - 8.5		NA		***6.21***		NA		***5.39, 5.98***		NA		NA		NA		***5.49***		NA		NA		***5.48***		NA	Semi-Annually
MW-27 (Class III)	Nitrate + Nitrite (as N) (mg/L)	5.6	NS	NA	2/9/2015	3.15	NS	NA	4/20/2015	***6.27***	NS	NA	NS	NA	NS	NA	7/21/2015	***7.35***	NS	NA	NS	NA	11/10/2015	5.60	NS	NA	Semi-Annually
	Chloride (mg/L)	38		NA		***44.2***		NA		***47.6***		NA		NA		NA		***43.7***		NA		NA		***42.9***		NA	Semi-Annually
	Sulfate (mg/L)	462		NA		402		NA		429		NA		NA		NA		425		NA		NA		430		NA	Semi-Annually
	Field pH (S.U.)	6.5 - 8.5		NA		6.82		NA		7.09		NA		NA		NA		6.84		NA		NA		***6.48***		NA	Semi-Annually
	TDS (mg/L)	1075		NA		996		NA		1040		NA		NA		NA		1010		NA		NA		1000		NA	Semi-Annually
	Gross Alpha minus Rn & U (pCi/L)	2		NA		<1.0		NA		<1.0		NA		NA		NA		<1.0		NA		NA		<1.0		NA	Semi-Annually
MW-28 (Class III)	Chloride (mg/L)	105	NS	NA	2/9/2015	***130***	NS	NA	4/21/2015	***125***	NS	NA	NS	NA	NS	NA	7/21/2015	***113***	NS	NA	NS	NA	11/10/2015	***116***	NS	NA	Semi-Annually
	Cadmium (ug/L)	5.2		NA		4.83		NA		4.59		NA		NA		NA		4.97		NA		NA		4.73		NA	Semi-Annually
	Uranium (ug/L)	4.9		NA		4.48		NA		***6.13***		NA		NA		NA		4.87		NA		NA		4.84		NA	Semi-Annually
	Vanadium (ug/L)	30		NA		<15.0		NA		<15.0		NA		NA		NA		<15.0		NA		NA		<15.0		NA	Semi-Annually
	Field pH (S.U.)	6.1 - 8.5		NA		***5.86***		NA	4/21/2015 4/27/2015	***6.08, 6.17***		NA		NA		NA		***5.91***		NA		NA		6.22		NA	Semi-Annually
MW-29 (Class III)	TDS (mg/L)	4400	NS	NA	2/10/2015	***4430***	NS	NA	4/30/2015	4190	NS	NA	NS	NA	NS	NA	7/22/2015	4310	NS	NA	NS	NA	11/16/2015	4110	NS	NA	Semi-Annually
	Sulfate (mg/L)	2946		NA		NA		NA		***2960***		NA		NA		NA		NA		NA		NA		2740		NA	Semi-Annually
	Field pH (S.U.)	6.46 - 8.5		NA		***6.42***		NA		***6.36***		NA		NA		NA		***6.30***		NA		NA		***6.37***		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	4/8/2015	1.81	NS	NA	NS	NA	NS	NA	7/23/2015	1.89	NS	NA	NS	NA	11/3/2015	2.19	NS	NA	Semi-Annually
	Chloride (mg/L)	35.39		NA	3/17/2015	[illegible]		NA		***37.8***		NA		NA		NA		***37.3***		NA		NA		34.1		NA	Semi-Annually
	Field pH (S.U.)	6.4 - 8.5		NA	2/9/2015	***6.29***		NA		***6.37***		NA		NA		NA		***6.26***		NA		NA		6.41		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.

Reported from the quarterly chloroform sample

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G-6A/B	Trip Blank Evaluation
G-7A/B	QA/QC Evaluation for Sample Duplicates
G-8 A/B	Radiologics Counting Error
G-9A/B	Laboratory Matrix QC

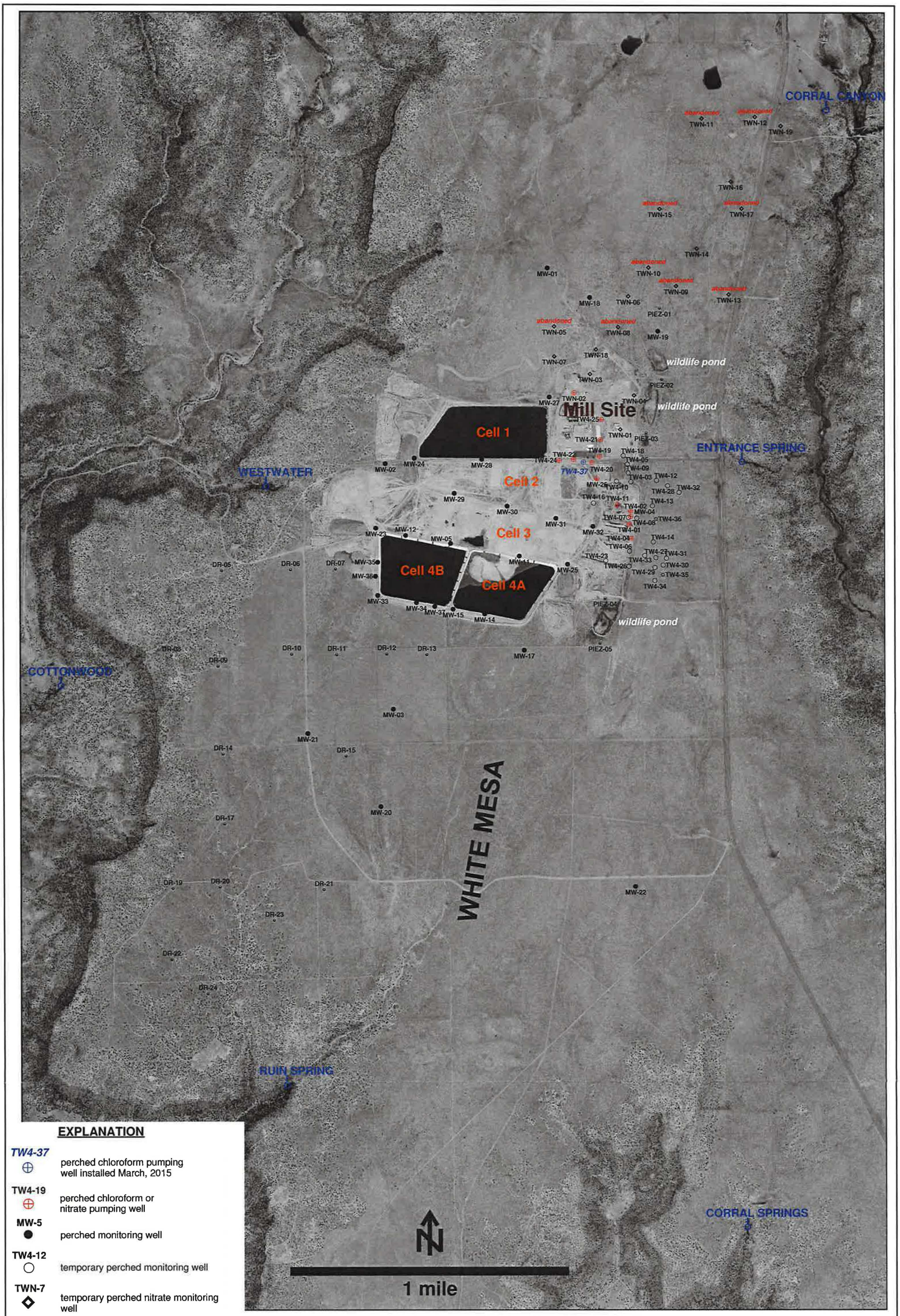
Tab H Kriged Current Quarterly Groundwater Contour Map

Tab I Groundwater Time Concentration Plots

Tab J CSV Transmittal Letter

Tab A

Site Plan and Perched Well Locations White Mesa Site



EXPLANATION

- **TW4-37** ⊕ perched chloroform pumping 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

HYDRO GEO CHEM, INC.

WHITE MESA SITE PLAN SHOWING LOCATIONS OF PERCHED WELLS AND PIEZOMETERS

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/nov15/Uwelloc0915.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: 4th Quarter Ground Water 2015

Location (well name): MW-01

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-01_11112015

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

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-25

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: 64.37 Casing Volume (V) 4" Well: 0 (.653h)
3" Well: ~~53.63~~ (.367h)
19.68

Weather Cond.: Cloudy / windy Ext'l Amb. Temp. °C (prior sampling event): -20

Time	0952	Gal. Purged	39.49
Conductance	1924	pH	6.79
Temp. °C	13.82		
Redox Potential Eh (mV)	293		
Turbidity (NTU)	0.4		

Time	0953	Gal. Purged	39.71
Conductance	1922	pH	6.81
Temp. °C	13.71		
Redox Potential Eh (mV)	289		
Turbidity (NTU)	0.5		

Time	0954	Gal. Purged	39.92
Conductance	1921	pH	6.82
Temp. °C	13.68		
Redox Potential Eh (mV)	286		
Turbidity (NTU)	0.5		

Time	0955	Gal. Purged	40.14
Conductance	1923	pH	6.83
Temp. °C	13.60		
Redox Potential Eh (mV)	282		
Turbidity (NTU)	0.5		

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 = 181.40

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: 98.05 Sample Time: 0955

See instruction

Comment

Arrived on site at 0645. Garrin present for purge and sampling event. Purge began at 0650. Water was clear during purge. Purged well for a total of 185 minutes. Purge ended and samples were collected at 0955. Left site at 1000.

MW-01 11-11-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-02

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-02_11162015

Date and Time for Purging: 11/16/2015 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): 128.80

Depth to Water Before Purging: 109.45

Casing Volume (V) 4" Well: 12.63 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Snowing

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

Time	1547	Gal. Purged	25.38
Conductance	3641	pH	6.97
Temp. °C	12.03		
Redox Potential Eh (mV)	459		
Turbidity (NTU)	0		

Time	1548	Gal. Purged	25.60
Conductance	3650	pH	6.98
Temp. °C	12.06		
Redox Potential Eh (mV)	458		
Turbidity (NTU)	0		

Time	1549	Gal. Purged	25.82
Conductance	3648	pH	6.98
Temp. °C	12.10		
Redox Potential Eh (mV)	458		
Turbidity (NTU)	0		

Time	1550	Gal. Purged	26.04
Conductance	3659	pH	6.96
Temp. °C	12.08		
Redox Potential Eh (mV)	455		
Turbidity (NTU)	0		

Volume of Water Purged: 26.04 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 116.45

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: 118.39 Sample Time: 1550

See instruction

Comment

Arrived on site at 1346. Tanner and Garrin present for purge and sampling event
Purge began at 1350. Purged well for a total of 120 minutes.
Purge ended and samples collected at 1550. Water was clear
snowing at time of sampling. Left site at 1600

MW-02 11-16-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-03

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-03_11032015

Date and Time for Purging: 11/3/2015 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-14

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: 82.45

Casing Volume (V) 4" Well: 0 (.653h)
3" Well: 5.33 (.367h)

Weather Cond.: Cloudy, Windy

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

Time	1127	Gal. Purged	11.85
Conductance	5726	pH	6.33
Temp. °C	14.87		
Redox Potential Eh (mV)	420		
Turbidity (NTU)	0		

Time	1128	Gal. Purged	12.06
Conductance	5716	pH	6.30
Temp. °C	14.85		
Redox Potential Eh (mV)	426		
Turbidity (NTU)	0		

Time	1129	Gal. Purged	12.27
Conductance	5711	pH	6.28
Temp. °C	14.89		
Redox Potential Eh (mV)	429		
Turbidity (NTU)	0		

Time	1130	Gal. Purged	12.48
Conductance	5709	pH	6.25
Temp. °C	14.84		
Redox Potential Eh (mV)	430		
Turbidity (NTU)	0		

Volume of Water Purged: 12.48 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 51.34

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 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: 87.97 Sample Time: 1130

See instruction

Comment

Arrived on site at 1026. Tanner and Garrin present for purge and sampling event.
Purge began at 1030 Purged well for a total of 60 minutes.
Purge ended and samples collected at 1130. Water was clear
Left site at 1139

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

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-03A

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-03A-11042015

Date and Time for Purging: 11/3/2015 and Sampling (if different): 11/4/2015

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-03

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: 84.38

Casing Volume (V) 4" Well: 6.93 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Cloudy Windy

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

Time	1250	Gal. Purged	14.56
Conductance	5909	pH	6.57
Temp. °C	17.13		
Redox Potential Eh (mV)	416		
Turbidity (NTU)	1.6		

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

Time	0659	Gal. Purged	0
Conductance	5872	pH	6.63
Temp. °C	14.89		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Time	0710	Gal. Purged	0
Conductance	5896	pH	6.63
Temp. °C	14.98		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Volume of Water Purged: 14.56 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 66.68

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

If well evacuated to dryness, number of gallons evacuated: 14.56

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: 93.09 Sample Time: 0700

See instruction

Comment

Arrived on site at 1139. Tanner and Garrin present for purge.
Purge began at 1140. Purged well for a total of 70 minutes. Purged well dry!
Purge ended at 1250. Water was clear. Left site at 1251
Arrived on site at 0655. Tanner and Garrin present to collect samples. Depth to water was 87.33. samples collected at 0700. Left site at 0710

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

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

See instruction

Description of Sampling Event: 4TH Quarter Ground Water 2015

Location (well name): MW-05

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-05_11042015

Date and Time for Purging: 11/4/2015 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-17

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: 105.96
105.96

Casing Volume (V) 4" Well: 21.24 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy, Hailing

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

Time	1047	Gal. Purged	42.74
Conductance	2895	pH	7.34
Temp. °C	14.09		
Redox Potential Eh (mV)	409		
Turbidity (NTU)	0		

Time	1048	Gal. Purged	42.96
Conductance	2905	pH	7.39
Temp. °C	14.10		
Redox Potential Eh (mV)	403		
Turbidity (NTU)	0		

Time	1049	Gal. Purged	43.18
Conductance	2897	pH	7.42
Temp. °C	14.08		
Redox Potential Eh (mV)	401		
Turbidity (NTU)	0		

Time	1050	Gal. Purged	43.40
Conductance	2884	pH	7.43
Temp. °C	14.10		
Redox Potential Eh (mV)	400		
Turbidity (NTU)	0		

Volume of Water Purged: 43.40 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 195.83

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 123.35 Sample Time: 1050

See instruction

Comment

Arrived on site at 0726. Tanner and Garrin present for purge and sampling event.
Purge began at 0730. Purged well for a total of 200 minutes
Purge ended and samples collected at 1050. Water was clear.
Left site at 1059. Hailing while sampling.

MW-05 11-04-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-11

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-11_11112015

Date and Time for Purging: 11/11/2015 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: 1000 µMHOS/ cm

Well Depth(0.01ft): 130.00

Depth to Water Before Purging: 86.19

Casing Volume (V) 4" Well: 28.60 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny, windy

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

Time	1522	Gal. Purged	57.93
Conductance	2860	pH	7.46
Temp. °C	14.42		
Redox Potential Eh (mV)	241		
Turbidity (NTU)	20.4		

Time	1523	Gal. Purged	58.15
Conductance	2855	pH	7.46
Temp. °C	14.43		
Redox Potential Eh (mV)	238		
Turbidity (NTU)	20.8		

Time	1524	Gal. Purged	58.37
Conductance	2860	pH	7.46
Temp. °C	14.40		
Redox Potential Eh (mV)	234		
Turbidity (NTU)	20.7		

Time	1525	Gal. Purged	58.59
Conductance	2861	pH	7.46
Temp. °C	14.44		
Redox Potential Eh (mV)	230		
Turbidity (NTU)	20.8		

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 = 263.66

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: 86.33 Sample Time: 1525

See instruction

Comment

Arrived on site at 1050. Garrin present for purge and sampling event. Purge began at 1055. Purged well for a total of 270 minutes. Water was clear during purge. purge ended and samples were collected at 1525. Left site at 1536.

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

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

See instruction

Description of Sampling Event: 4th Quarter Groundwater 2015

Location (well name): MW-12

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-12_11172015

Date and Time for Purging: 11/17/15 and Sampling (if different): NA

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-02

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm Well Depth(0.01ft): 130.4

Depth to Water Before Purging: 108.15 Casing Volume (V) 4" Well: 14.52 (.653h)
3" Well: 0 (.367h)

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

Time	1122	Gal. Purged	29.72		
Conductance	4209	pH	6.65		
Temp. °C	14.38				
Redox Potential Eh (mV)	520				
Turbidity (NTU)	2.0				

Time	1123	Gal. Purged	29.94		
Conductance	4209	pH	6.65		
Temp. °C	14.15				
Redox Potential Eh (mV)	519				
Turbidity (NTU)	2.1				

Time	1124	Gal. Purged	30.16		
Conductance	4208	pH	6.64		
Temp. °C	14.10				
Redox Potential Eh (mV)	518				
Turbidity (NTU)	2.1				

Time	1125	Gal. Purged	30.38		
Conductance	4204	pH	6.65		
Temp. °C	14.09				
Redox Potential Eh (mV)	517				
Turbidity (NTU)	2.1				

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 = [133.91]

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs [AWAL, 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 [122.68] Sample Time [1125]

See instruction

Comment

Arrived on site at 0900. Garrin and Tanner present for purge and sampling event.
purge began at 0905. Purged well for a total of 140 minutes.
water was clear. Purge ended and samples were collected at 1125.
Left site at 1135.

[MW-12 11-17-2015] Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4TH Quarter Ground Water 2015

Location (well name): MW-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-14_11032015

Date and Time for Purging: 11/3/2015 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-32

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: 102.82 Casing Volume (V) 4" Well: 16.89 (.653h)
3" Well: 0 (.367h)

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

Time	1002	Gal. Purged	34.06		
Conductance	3914	pH	6.54		
Temp. °C	14.69				
Redox Potential Eh (mV)	417				
Turbidity (NTU)	0				

Time	1003	Gal. Purged	34.28		
Conductance	3912	pH	6.54		
Temp. °C	14.69				
Redox Potential Eh (mV)	418				
Turbidity (NTU)	0				

Time	1004	Gal. Purged	34.50		
Conductance	3909	pH	6.52		
Temp. °C	14.68				
Redox Potential Eh (mV)	419				
Turbidity (NTU)	0				

Time	1005	Gal. Purged	34.72		
Conductance	3907	pH	6.52		
Temp. °C	14.67				
Redox Potential Eh (mV)	418				
Turbidity (NTU)	0				

Volume of Water Purged: 34.72 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 155.75

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 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: 104.10 Sample Time: 1005

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 160 minutes.
Purge ended and samples collected at 1005. water was clear
Left site at 1015

MW-14 11-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4Th Quarter Ground Water 2015

Location (well name): MW-15

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-15_11162015

Date and Time for Purging: 11/16/2015 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): 137.00

Depth to Water Before Purging: 105.60

Casing Volume (V) 4" Well: 20.50 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Cloudy, Snowing

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

Time	1317	Gal. Purged	42.74
Conductance	4271	pH	6.80
Temp. °C	13.94		
Redox Potential Eh (mV)	434		
Turbidity (NTU)	0		

Time	1318	Gal. Purged	42.96
Conductance	4290	pH	6.80
Temp. °C	13.90		
Redox Potential Eh (mV)	433		
Turbidity (NTU)	0		

Time	1319	Gal. Purged	43.18
Conductance	4283	pH	6.80
Temp. °C	13.92		
Redox Potential Eh (mV)	433		
Turbidity (NTU)	0		

Time	1320	Gal. Purged	43.40
Conductance	4287	pH	6.81
Temp. °C	13.87		
Redox Potential Eh (mV)	432		
Turbidity (NTU)	0		

Volume of Water Purged: 43.40 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 188.97

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 108.35 Sample Time: 1320

See instruction

Comment

Arrived on site at 0956. Tanner and Garrin present for purge and sampling event. Purge began at 1000. Purged well for a total of 200 minutes. Purge ended and samples collected at 1320. Water was clear. Left site at 1331. Snowing at time of sampling.

MW-15 11-16-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-17

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-17_11042015

Date and Time for Purging: 11/4/2015 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: 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): 112.00

Depth to Water Before Purging: 71.75

Casing Volume (V) 4" Well: 26.28 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1122	Gal. Purged	52.51
Conductance	3845	pH	6.98
Temp. °C	13.95		
Redox Potential Eh (mV)	399		
Turbidity (NTU)	2.0		

Time	1123	Gal. Purged	52.73
Conductance	3846	pH	6.98
Temp. °C	13.99		
Redox Potential Eh (mV)	398		
Turbidity (NTU)	2.0		

Time	1124	Gal. Purged	52.94
Conductance	3863	pH	6.98
Temp. °C	14.00		
Redox Potential Eh (mV)	398		
Turbidity (NTU)	2.0		

Time	1125	Gal. Purged	53.16
Conductance	3867	pH	6.98
Temp. °C	13.99		
Redox Potential Eh (mV)	398		
Turbidity (NTU)	2.1		

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 = 242.24

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 84.75 Sample Time: 1125

See instruction

Comment

Arrived on site at 0717. Tanner and Garrin present for purge and sampling event
Purge began at 0720. Purged well for a total of 245 minutes.
Purge ended and samples collected at 1125. water was clear
Left site at 1135

MW-17 11-04-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter GroundWater 2015

Location (well name): MW-18

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-18_11092015

Date and Time for Purging: 11/9/2015 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-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: 72.00

Casing Volume (V) 4" Well: 40.48 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1402	Gal. Purged	80.72
Conductance	3456	pH	6.25
Temp. °C	14.85		
Redox Potential Eh (mV)	337		
Turbidity (NTU)	2.0		

Time	1403	Gal. Purged	80.94
Conductance	3439	pH	6.26
Temp. °C	14.80		
Redox Potential Eh (mV)	335		
Turbidity (NTU)	2.0		

Time	1404	Gal. Purged	81.15
Conductance	3426	pH	6.28
Temp. °C	14.77		
Redox Potential Eh (mV)	329		
Turbidity (NTU)	2.1		

Time	1405	Gal. Purged	81.37
Conductance	3446	pH	6.30
Temp. °C	14.75		
Redox Potential Eh (mV)	328		
Turbidity (NTU)	2.2		

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 = 373.14

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 72.72 Sample Time: 1405

See instruction

Comment

Arrived on site at 0745, Tanner present for purge and sampling event.
Purge began at 0750. Purged well for a total of 375 minutes
Purge ended and samples collected at 1405. Water was clear.
Left site at 1414

MW-18 11-09-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-19

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-19_11102015

Date and Time for Purging: 11/10/2015 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-18

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: 61.15 Casing Volume (V) 4" Well: 57.36 (.653h)
3" Well: 0 (.367h)

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

Time	1527	Gal. Purged	116.52
Conductance	1451	pH	6.72
Temp. °C	14.20		
Redox Potential Eh (mV)	395		
Turbidity (NTU)	2.5		

Time	1528	Gal. Purged	116.74
Conductance	1448	pH	6.70
Temp. °C	14.24		
Redox Potential Eh (mV)	398		
Turbidity (NTU)	2.5		

Time	1529	Gal. Purged	116.96
Conductance	1446	pH	6.70
Temp. °C	14.21		
Redox Potential Eh (mV)	400		
Turbidity (NTU)	2.4		

Time	1530	Gal. Purged	117.18
Conductance	1449	pH	6.70
Temp. °C	14.19		
Redox Potential Eh (mV)	400		
Turbidity (NTU)	2.5		

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 = 528.71

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: 71.35 Sample Time: 1530

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 540 minutes
Purge ended and samples collected at 1530. Water was clear
Left site at 1540

MW-19 11-10-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4Th Quarter Ground Water 2015

Location (well name): MW-20

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-20-12092015

Date and Time for Purging: 11/19/2015 and Sampling (if different): 12/9/2015

Well Purging Equip Used: ☐ pump or ☒ bailer

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

Purging Method Used: ☒ 2 casings ☐ 3 casings

Sampling Event: Quarterly GW

Prev. Well Sampled in Sampling Event: MW-37

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): ~~87.0~~ 92.00

Depth to Water Before Purging: 84.75

Casing Volume (V) 4" Well: 4.73 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1454	Gal. Purged	5
Conductance	6441	pH	7.16
Temp. °C	14.53		
Redox Potential Eh (mV)	432		
Turbidity (NTU)	50		

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

Time	1254	Gal. Purged	0
Conductance	6066	pH	7.20
Temp. °C	14.40		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	1259	Gal. Purged	0
Conductance	6123	pH	7.19
Temp. °C	14.43		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

Volume of Water Purged: 6 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): 1.26

If well evacuated to dryness, number of gallons evacuated: 6

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: 91.60 Sample Time: 1255

See instruction

Comment

Arrived on site at 1447. Tanner and Garrin present to bail MW-20. Bailing began at 1450. Bailed 5 Gallons into a bucket and collected parameters, bailed well dry Bailed a total of 6 Gallons. Left site at 1458. Water was murky
Arrived on site at 1250 Tanner and Garrin present to collect samples. Depth to water was 89.15 samples bailed at 1255. Left site at 1301

MW-20 11-19-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Groundwater 2015

Location (well name): MW-22 MW-22

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-22_11172015

Date and Time for Purging: 11/17/2015 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-12

pH Buffer 7.0: 7.0

pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm

Well Depth(0.01ft): 114.00

Depth to Water Before Purging: 66.51

Casing Volume (V) 4" Well: 31.01 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear, Windy

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

Time	1427	Gal. Purged	64.44
Conductance	7768	pH	4.54
Temp. °C	14.05		
Redox Potential Eh (mV)	562		
Turbidity (NTU)	6.0		

Time	1428	Gal. Purged	64.66
Conductance	7770	pH	4.54 4.54
Temp. °C	14.09		
Redox Potential Eh (mV)	561		
Turbidity (NTU)	6.2		

Time	1429	Gal. Purged	64.88
Conductance	7775	pH	4.55
Temp. °C	14.12	14.12	
Redox Potential Eh (mV)	561		
Turbidity (NTU)	6.3		

Time	1430	Gal. Purged	65.10
Conductance	7776	pH	4.55
Temp. °C	14.13	14.13	
Redox Potential Eh (mV)	556		
Turbidity (NTU)	6.4		

Volume of Water Purged [65.10] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [285.81]

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 [.U] 88.90

Sample Time [1430]

See instruction

Comment

Arrived on site at 0925. Garrin and Tanner present for purge and sampling event.
Purge began at 0930. Purged well for a total of 300 minutes. Water was clear. Purge ended and samples were collected at 1430. Left site at 1440.

MW-22 11-17-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Groundwater 2015

Location (well name): MW-23

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-23_11182015

Date and Time for Purging: 11/6/2015 and Sampling (if different): 11/18/2015

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-05 MW-17

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 10000 µMHOS/ cm Well Depth(0.01ft): 132.00

Depth to Water Before Purging: 114.00 Casing Volume (V) 4" Well: 11.75 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny Ext'l Amb. Temp. °C (prior sampling event): ~2°

Time	0820	Gal. Purged	22.88		
Conductance	3877	pH	6.98		
Temp. °C	13.76				
Redox Potential Eh (mV)	398				
Turbidity (NTU)	5.3				

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

Time	~~0929~~ 0959	Gal. Purged	0		
Conductance	3894	pH	6.80		
Temp. °C	14.47				
Redox Potential Eh (mV)					
Turbidity (NTU)					

Before

Time	1011	Gal. Purged	0		
Conductance	3899	pH	6.77		
Temp. °C	14.57				
Redox Potential Eh (mV)					
Turbidity (NTU)					

After

Volume of Water Purged: 22.88 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 112.98

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

If well evacuated to dryness, number of gallons evacuated: 22.88

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: 129.33 Sample Time: 1000

See instruction

Comment

Arrived on site at 0620. Garrin present for purge. Purge began at 0630. Purged well for 110 minutes. flow rate decreased around 75 minutes. well was purged dry. Water was clear. Purge ended at 0820. Left site at 0825
Arrived on site at 0956 Tanner present to collect samples. Depth to water was 120.03
Samples ~~bailed~~ collected at 1000 Left site at 1012

MW-23 11-06-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Groundwater 2015

Location (well name): MW-24

Sampler Name and initials: Garrin Palmer/ GP

Field Sample ID: MW-24_11182015

Date and Time for Purging: 11/17/15 and Sampling (if different): 11/18/15

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-22

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: 113.05

Casing Volume (V) 4" Well: 4.53 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1300	Gal. Purged	11.52
Conductance	4427	pH	5.20
Temp. °C	13.68		
Redox Potential Eh (mV)	52.		
Turbidity (NTU)	64		

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

Time	0929	Gal. Purged	0
Conductance	4426	pH	5.50
Temp. °C	14.85		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	0943	Gal. Purged	0
Conductance	4428	pH	5.48
Temp. °C	14.90		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

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 = 47.27

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, 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: 118.46 Sample Time: 0930

See instruction

Comment

Arrived on site at 1155. Garrin present for purge. Purge began at 1200. Purged well for a total of 60 minutes. Flow rate decreased throughout the purge until well ran dry. Purge ended at 1300. Water was clear. Left site at 1304.
Arrived on site at 0925. Garrin present to collect samples. Depth to water was 113.14. Samples were collected at 0930. Left site at 0944

MW-24 11-17-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter GW 2015

Location (well name): MW-25

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-25_11112015

Date and Time for Purging: 11/11/2015 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-28

pH Buffer 7.0: 7.0 pH Buffer 4.0: 4.0

Specific Conductance: 1000 µMHOS/ cm Well Depth(0.01ft): 115

Depth to Water Before Purging: 76.36 Casing Volume (V) 4" Well: 25.23 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Cloudy / Windy Ext'l Amb. Temp. °C (prior sampling event): -2°

Time	1047	Gal. Purged	51.42
Conductance	3217	pH	6.78
Temp. °C	14.00		
Redox Potential Eh (mV)	312		
Turbidity (NTU)	0		

Time	1048	Gal. Purged	51.64
Conductance	3216	pH	6.79
Temp. °C	14.04		
Redox Potential Eh (mV)	310		
Turbidity (NTU)	0		

Time	1049	Gal. Purged	51.86
Conductance	3219	pH	6.79
Temp. °C	14.08		
Redox Potential Eh (mV)	307		
Turbidity (NTU)	0		

Time	1050	Gal. Purged	52.08
Conductance	3218	pH	6.79
Temp. °C	14.09		
Redox Potential Eh (mV)	304		
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 = 232.55

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: 78.35 Sample Time: 1040

See instruction

Comment

Arrived on site at 0630. Garrin present for purge and sampling event. Purge began at 0640. Purged well for a total of 240 minutes. Water was clear during purge. Purge ended and samples were collected at 1040. Left site at 1050.

MW-25 11-11-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-26

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-26_11112015

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

Well Purging Equip Used: ☒ pump or ☐ bailer

Well Pump (if other than Bennet): Grundfos

Purging Method Used: ☒ 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): 121.33

Depth to Water Before Purging: 65.12

Casing Volume (V) 4" Well: 36.70 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	~~1500~~ 1300	Gal. Purged	0
Conductance	3433	pH	6.65
Temp. °C	15.42		
Redox Potential Eh (mV)	347		
Turbidity (NTU)	3.7		

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

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

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

Volume of Water Purged: 0 gallon(s)

Pumping Rate Calculation

Flow Rate (Q), in gpm.
S/60 = 8.1

Time to evacuate two casing volumes (2V)
T = 2V/Q = 9.06

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 108.62 Sample Time: 1300

See instruction

Comment

Arrived on site at ~~1150.~~ 1250. Garrin present for sampling event. Samples were collected at 1300. Water was clear. Left site at 1308.

Continuous pumping well

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

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-27

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-27_11102015

Date and Time for Purging: 11/10/2015 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-19

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: 53.75

Casing Volume (V) 4" Well: 26.93 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Clear

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

Time	1047	Gal. Purged	53.59
Conductance	1500	pH	6.43
Temp. °C	15.02		
Redox Potential Eh (mV)	338		
Turbidity (NTU)	0		

Time	1048	Gal. Purged	53.81
Conductance	1494	pH	6.45
Temp. °C	15.00		
Redox Potential Eh (mV)	340		
Turbidity (NTU)	0		

Time	1049	Gal. Purged	54.03
Conductance	1489	pH	6.45
Temp. °C	14.98		
Redox Potential Eh (mV)	341		
Turbidity (NTU)	0		

Time	1050	Gal. Purged	54.25
Conductance	1487	pH	6.48
Temp. °C	14.98		
Redox Potential Eh (mV)	342		
Turbidity (NTU)	0		

Volume of Water Purged: 54.25 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 248.26

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 55.33 Sample Time: 1050

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 250 minutes.
Purge ended and samples collected at 1050. Water was clear
Left site at 1100

MW-27 11-10-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-28

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-28_11102015

Date and Time for Purging: 11/10/2015 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-27

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: 75.10

Casing Volume (V) 4" Well: 22.78 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy, Snowing/Rain

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

Time	1452	Gal. Purged	47.08
Conductance	4090	pH	6.20
Temp. °C	14.90		
Redox Potential Eh (mV)	378		
Turbidity (NTU)	0		

Time	1453	Gal. Purged	47.30
Conductance	4091	pH	6.21
Temp. °C	14.89		
Redox Potential Eh (mV)	377		
Turbidity (NTU)	0		

Time	1454	Gal. Purged	47.52
Conductance	4097	pH	6.21
Temp. °C	14.85		
Redox Potential Eh (mV)	373		
Turbidity (NTU)	0		

Time	1455	Gal. Purged	47.74
Conductance	4095	pH	6.22
Temp. °C	14.84		
Redox Potential Eh (mV)	371		
Turbidity (NTU)	0		

Volume of Water Purged: 47.74 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 210.04

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 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: 78.10 Sample Time: 1455

See instruction

Comment

Arrived on site at 1111. Tanner and Garrin present for purge and sampling event.
Purge began at 1115. Purged well for a total of 220 minutes.
Purge ended and samples collected at 1455. Water was clear
Left site at 1504

MW-28 11-10-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-29

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-29_11162015

Date and Time for Purging: 11/16/2015 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-26

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: 100.60

Casing Volume (V) 4" Well: 17.23 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Cloudy, Snowing

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

Time	1237	Gal. Purged	38.40
Conductance	4666	pH	6.40
Temp. °C	14.37		
Redox Potential Eh (mV)	463		
Turbidity (NTU)	23		

Time	1238	Gal. Purged	38.62
Conductance	4670	pH	6.39
Temp. °C	14.27		
Redox Potential Eh (mV)	460		
Turbidity (NTU)	25		

Time	1239	Gal. Purged	38.84
Conductance	4674	pH	6.38
Temp. °C	14.29		
Redox Potential Eh (mV)	457		
Turbidity (NTU)	25		

Time	1240	Gal. Purged	39.06
Conductance	4693	pH	6.37
Temp. °C	14.30		
Redox Potential Eh (mV)	454		
Turbidity (NTU)	26		

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 = 158.88

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 106.12 Sample Time: 1240

See instruction

Comment

Arrived on site at 0935. Tanner and Garrin present for purge and sampling event.
Purge began at 0940. Purged well for a total of 180 minutes.
Purge ended and samples collected at 1240. water was mostly clear
Left site at 1250. snowing at time of sampling

MW-29 11-16-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-30

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-30_11112015

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

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): 110

Depth to Water Before Purging: 75.45

Casing Volume (V) 4" Well: ~~16.03~~ 22.56 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny, windy

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

Time	1352	Gal. Purged	46.00
Conductance	2052	pH	6.88
Temp. °C	14.61		
Redox Potential Eh (mV)	304		
Turbidity (NTU)	0		

Time	1353	Gal. Purged	46.22
Conductance	2058	pH	6.86
Temp. °C	14.58		
Redox Potential Eh (mV)	304		
Turbidity (NTU)	0		

Time	1354	Gal. Purged	46.43
Conductance	2051	pH	6.83
Temp. °C	14.54		
Redox Potential Eh (mV)	304		
Turbidity (NTU)	0		

Time	1355	Gal. Purged	46.65
Conductance	2051	pH	6.83
Temp. °C	14.55		
Redox Potential Eh (mV)	304		
Turbidity (NTU)	0		

Volume of Water Purged [46.65] gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = [207.93]

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, 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 [78.00] Sample Time [1345]

See instruction

Comment

Arrived on site at 1004. Garrin present for purge and sampling event. Purge began at 1010. Water was clear during purge. Purged well for a total of 215 minutes. Purge ended and samples were collected at 1345. Left site at 1355.

MW-30 11-11-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-31

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-31_11092015

Date and Time for Purging: 11/9/2015 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-23

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: 68.36

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	1337	Gal. Purged	80.72
Conductance	2237	pH	6.26
Temp. °C	14.68		
Redox Potential Eh (mV)	355		
Turbidity (NTU)	6.1		

Time	1338	Gal. Purged	80.94
Conductance	2242	pH	6.30
Temp. °C	14.71		
Redox Potential Eh (mV)	355		
Turbidity (NTU)	6.4		

Time	1339	Gal. Purged	81.15
Conductance	2244	pH	6.32
Temp. °C	14.62		
Redox Potential Eh (mV)	354		
Turbidity (NTU)	6.5		

Time	1340	Gal. Purged	81.37
Conductance	2243	pH	6.36
Temp. °C	14.64		
Redox Potential Eh (mV)	352		
Turbidity (NTU)	6.6		

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 = 370.97

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 71.75
71.75

Sample Time: 1340

See instruction

Comment

Arrived on site at 0720. Tanner present for purge and sampling event.
Purge began at 0725. Purged well for a total of 375 minutes.
Purge ended and samples collected at 1340. Water was mostly clear
Left site at 1350

MW-31 11-09-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-32

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-32_11032015

Date and Time for Purging: 11/3/2015 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: N/A

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: 76.80

Casing Volume (V) 4" Well: 36.37 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1237	Gal. Purged	73.12
Conductance	3792	pH	6.42
Temp. °C	14.93		
Redox Potential Eh (mV)	243		
Turbidity (NTU)	68		

Time	1238	Gal. Purged	73.34
Conductance	3790	pH	6.42
Temp. °C	14.80		
Redox Potential Eh (mV)	229		
Turbidity (NTU)	70		

Time	1239	Gal. Purged	73.56
Conductance	3780	pH	6.40
Temp. °C	14.81		
Redox Potential Eh (mV)	223		
Turbidity (NTU)	73		

Time	1240	Gal. Purged	73.78
Conductance	3786	pH	6.41
Temp. °C	14.75		
Redox Potential Eh (mV)	215		
Turbidity (NTU)	74		

Volume of Water Purged: 73.78 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 335.22

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

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

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

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

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

Final Depth: 82.31 Sample Time: 1240

See instruction

Comment

Arrived on site at 0655. Tanner and Garrin present for purge and sampling event
Purge began at 0700. Purged well for a total of 340 minutes
Purge ended and samples collected at 1240. Water was murky
Left site at 1248

MW-32 11-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-35

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-35_11032015

Date and Time for Purging: 11/3/2015 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-36

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: 112.00

Casing Volume (V) 4" Well: 8.16 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Cloudy, Windy

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

Time	1602	Gal. Purged	16.70
Conductance	4148	pH	6.70
Temp. °C	14.48		
Redox Potential Eh (mV)	377		
Turbidity (NTU)	0		

Time	1603	Gal. Purged	16.92
Conductance	4163	pH	6.73
Temp. °C	14.43		
Redox Potential Eh (mV)	376		
Turbidity (NTU)	0		

Time	1604	Gal. Purged	17.14
Conductance	4103	pH	6.73
Temp. °C	14.43		
Redox Potential Eh (mV)	376		
Turbidity (NTU)	0		

Time	1605	Gal. Purged	17.36
Conductance	4093	pH	6.72
Temp. °C	14.41		
Redox Potential Eh (mV)	376		
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 = 75.23

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

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

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

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

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

Final Depth: 113.24 Sample Time: 1605

See instruction

Comment

Arrived on site at 1441. Tanner and Garrin present for purge and sampling event
Purge began at 1445 Purged well for a total of 80 minutes.
Purge ended and samples collected at 1605. Water was clear
Left site at 1623

MW-35 11-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-36

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-36_11032015

Date and Time for Purging: 11/3/2015 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-03A

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: 110.25

Casing Volume (V) 4" Well: 7.41 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Cloudy, Windy

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

Time	1407	Gal. Purged	14.53
Conductance	4910	pH	6.85
Temp. °C	14.78		
Redox Potential Eh (mV)	357		
Turbidity (NTU)	0		

Time	1408	Gal. Purged	14.75
Conductance	4918	pH	6.87
Temp. °C	14.70		
Redox Potential Eh (mV)	357		
Turbidity (NTU)	0		

Time	1409	Gal. Purged	14.97
Conductance	4928	pH	6.87
Temp. °C	14.68		
Redox Potential Eh (mV)	357		
Turbidity (NTU)	0		

Time	1410	Gal. Purged	15.19
Conductance	4908	pH	6.87
Temp. °C	14.68		
Redox Potential Eh (mV)	357		
Turbidity (NTU)	0		

Volume of Water Purged: 15.19 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 68.30

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 111.85 Sample Time: 1410

See instruction

Comment

Arrived on site at 1257. Tanner and Garrin present for purge and sampling event
Purge began at 1300. Purged well for a total of 70 minutes.
Purge ended at 1410. Water was clear. Left site at 1421

MW-36 11-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Ground Water 2015

Location (well name): MW-37

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-37_12092015

Date and Time for Purging: 11/19/2015 and Sampling (if different): 12/9/2015

Well Purging Equip Used: ☐ pump or ☒ bailer

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

Purging Method Used: ☒ 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): 12180

Depth to Water Before Purging: 106.64

Casing Volume (V) 4" Well: 9.89 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Sunny

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

Time	1417	Gal. Purged	0
Conductance	4379	pH	6.30
Temp. °C	14.40		
Redox Potential Eh (mV)	460		
Turbidity (NTU)	15.8		

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

Time	1228	Gal. Purged	0
Conductance	4338	pH	6.94
Temp. °C	14.10		
Redox Potential Eh (mV)			
Turbidity (NTU)			

Before

Time	1235	Gal. Purged	0
Conductance	4347	pH	6.91
Temp. °C	14.15		
Redox Potential Eh (mV)			
Turbidity (NTU)			

After

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): 1.41

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: 121.15 Sample Time: 1230

See instruction

Comment

Arrived on site at 1402. Tanner and Garrin present to bail MW-37. Bailing began at 1408 Bailed 5 Gallons into a bucket and took parameters from the bucket. Bailed a total of 14 Gallons. Bailed well dry! Left site at 1430. Water started clear. Arrived on site at 1225. Tanner and Garrin present to collect samples. Depth to water was 112.31. Samples bailed at 1230. Left site at 1237

MW-37 11-19-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4Th Quarter Ground Water 2015

Location (well name): MW-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-65_11032015

Date and Time for Purging: 11/3/2015 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-36

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: 112.00

Casing Volume (V) 4" Well: 8.16 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Cloudy, Windy

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

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: 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 = 75.23

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 113.24 Sample Time: 1605

See instruction

Comment

Duplicate of MW-35

MW-65 11-03-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: 4th Quarter Groundwater 2015

Location (well name): MW-70

Sampler Name and initials: Garrin Palmer / GP

Field Sample ID: MW-70_11172015 MW-70_11172015

Date and Time for Purging: 11/17/2015 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): 114.00

Depth to Water Before Purging: 66.51 Casing Volume (V) 4" Well: 31.01 (.653h)
3" Well: 0 (.367h)

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

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

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

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

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

Volume of Water Purged: 65.10 gallon(s)

Pumping Rate Calculation

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

Time to evacuate two casing volumes (2V)
T = 2V/Q = 285.81

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: 88.90 Sample Time: 1430

See instruction

Comment

Duplicate of MW-22

MW-70 11-17-2015 Do not touch this cell (SheetName)

Tab C

Field Data Worksheets Accelerated Monitoring

Tab C1

Field Data Worksheets Accelerated Monitoring

October 2015

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

See instruction

Description of Sampling Event: October Groundwater 2015

Location (well name): MW-11

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-11_10072015

Date and Time for Purging: 10/7/2015 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: 1000 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): 130.00

Depth to Water Before Purging: 86.20 Casing Volume (V) 4" Well: 28.60 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy Ext'l Amb. Temp. °C (prior sampling event): 8°

Time	1147	Gal. Purged	57.93
Conductance	2793	pH	7.37
Temp. °C	19.50		
Redox Potential Eh (mV)	339		
Turbidity (NTU)	0		

Time	1148	Gal. Purged	58.15
Conductance	2782	pH	7.40
Temp. °C	19.47		
Redox Potential Eh (mV)	320		
Turbidity (NTU)	0		

Time	1149	Gal. Purged	58.37
Conductance	2784	pH	7.47
Temp. °C	19.48		
Redox Potential Eh (mV)	310		
Turbidity (NTU)	0		

Time	1150	Gal. Purged	58.59
Conductance	2784	pH	7.50
Temp. °C	19.50		
Redox Potential Eh (mV)	305		
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 = 263.60

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: 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: 87.60 Sample Time: 1150

See instruction

Comment

Arrived on site at 0715. Tanner and Garrin present for purge and sampling event.
Purge began at 0720. Purged well for a total of 270 minutes
Purge ended and samples collected at 1150. Water was clear.
Left site at 1153

MW-11 10-07-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: October Groundwater 2015

Location (well name): MW-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-14_10082015

Date and Time for Purging: 10/8/2015 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-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: 103.20 Casing Volume (V) 4" Well: 16.65 (.653h)
3" Well: 0 (.367h)

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

Time	1007	Gal. Purged	32.98		
Conductance	3962	pH	6.49		
Temp. °C	15.60				
Redox Potential Eh (mV)	409				
Turbidity (NTU)	0				

Time	1008	Gal. Purged	33.20		
Conductance	3999	pH	6.47		
Temp. °C	15.40				
Redox Potential Eh (mV)	407				
Turbidity (NTU)	0				

Time	1009	Gal. Purged	33.41		
Conductance	3980	pH	6.46		
Temp. °C	15.46				
Redox Potential Eh (mV)	404				
Turbidity (NTU)	0				

Time	1010	Gal. Purged	33.63		
Conductance	3961	pH	6.45		
Temp. °C	15.40				
Redox Potential Eh (mV)	403				
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 [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 [103.85] Sample Time [1010]

See instruction

Comment

Arrived on site at 0730. Tanner and Garrin present for purge. Purge began at 0735
Purged well for a total of 155 minutes. Purge ended at 1010.
Water was clear. Left site at 1011

no Samples required

MW-14 10-08-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: October Groundwater 2015

Location (well name): MW-25

Sampler Name and initials: Tanner Holliday /TH

Field Sample ID: MW-25_10062015

Date and Time for Purging: 10/6/2015 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): 115.00

Depth to Water Before Purging: 76.41 Casing Volume (V) 4" Well: 25.19 (.653h)
3" Well: 0 (.367h)

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

Time	1257	Gal. Purged	51.42		
Conductance	3219	pH	6.43		
Temp. °C	15.75				
Redox Potential Eh (mV)	408				
Turbidity (NTU)	12				

Time	1258	Gal. Purged	51.64		
Conductance	3258	pH	6.44		
Temp. °C	15.62				
Redox Potential Eh (mV)	412				
Turbidity (NTU)	12				

Time	1259	Gal. Purged	51.86		
Conductance	3253	pH	6.45		
Temp. °C	15.63				
Redox Potential Eh (mV)	412				
Turbidity (NTU)	13				

Time	1300	Gal. Purged	52.08		
Conductance	3253	pH	6.45		
Temp. °C	15.57				
Redox Potential Eh (mV)	413				
Turbidity (NTU)	13				

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 = 232.25

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: 78.33 Sample Time: 1300

See instruction

Comment

Arrived on site at 0856. Tanner and Garrin present for purge and sampling event. Purge began at 0900. Purged well for a total of 240 minutes. Purge ended and samples collected at 1300. Water was mostly clear with little bubbles. Air Bubbles Left site at 1304

MW-25 10-06-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: October Groundwater 2015

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-26_10072015

Date and Time for Purging: 10/7/2015 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-11

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: 66.20

Casing Volume (V) 4" Well: 35.99 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1353	Gal. Purged	0
Conductance	3557	pH	6.80
Temp. °C	16.97		
Redox Potential Eh (mV)	360		
Turbidity (NTU)	9.5		

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 = 9.0

Time to evacuate two casing volumes (2V)
T = 2V/Q = 7.99

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

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

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

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

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

Final Depth: 87.90 Sample Time: 1355

See instruction

Comment

Arrived on site at 1301 Tanner and Garrin present to collect samples.
Samples collected at 1355 water was clear
Left site at 1359

MW-26 10-07-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: October Groundwater 2015

Location (well name): MW-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-30_10072015

Date and Time for Purging: 10/7/2015 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): 110.00

Depth to Water Before Purging: 75.39 Casing Volume (V) 4" Well: 22.60 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy Ext'l Amb. Temp. °C (prior sampling event): 8°

Time	1037	Gal. Purged	44.91		
Conductance	2128	pH	6.90		
Temp. °C	~~6.90~~ 15.24		15.24		
Redox Potential Eh (mV)	401				
Turbidity (NTU)	0				

Time	1038	Gal. Purged	45.13		
Conductance	2127	pH	6.88		
Temp. °C	15.25				
Redox Potential Eh (mV)	401				
Turbidity (NTU)	0				

Time	1039	Gal. Purged	45.35		
Conductance	2128	pH	6.88		
Temp. °C	15.30				
Redox Potential Eh (mV)	399				
Turbidity (NTU)	0				

Time	1040	Gal. Purged	45.57		
Conductance	2127	pH	6.88		
Temp. °C	15.24				
Redox Potential Eh (mV)	397				
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 = 208.29

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

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

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

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

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

Final Depth: 78.20 Sample Time: 1040

See instruction

Comment

Arrived on site at 0706. Tanner and Garrin present for purge and sampling event
Purge began at 0710. Purged well for a total of 210 minutes
Purge ended and samples collected at 1040. Water was clear.
Left site at 1051

MW-30 10-07-2015 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: October Groundwater 2015

Location (well name): MW-31

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-31_10062015

Date and Time for Purging: 10/6/2015 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: 68.51 Casing Volume (V) 4" Well: 40.15 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast, Rain Ext'l Amb. Temp. °C (prior sampling event): 9°

Time	1327	Gal. Purged	80.72		
Conductance	2268	pH	6.44		
Temp. °C	15.00				
Redox Potential Eh (mV)	406				
Turbidity (NTU)	0				

Time	1328	Gal. Purged	80.94		
Conductance	2265	pH	6.44		
Temp. °C	14.81				
Redox Potential Eh (mV)	408				
Turbidity (NTU)	0				

Time	1329	Gal. Purged	81.15		
Conductance	2266	pH	6.46		
Temp. °C	14.76				
Redox Potential Eh (mV)	411				
Turbidity (NTU)	0				

Time	1330	Gal. Purged	81.37		
Conductance	2264	pH	6.47		
Temp. °C	14.74				
Redox Potential Eh (mV)	412				
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 = 370.07

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: 72.00

Sample Time: 1330

See instruction

Comment

Arrived on site at 0710. Tanner and Garrin present for purge and sampling event.
Purge began at tot 0715. Purged well for a total of 375 minutes
Purge ended and samples collected at 1330. Water was clear
Left site at 1340

MW-31 10-06-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: October Groundwater 2015

Location (well name): MW-35

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-35_10062015

Date and Time for Purging: 10/6/2015 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): 124.50

Depth to Water Before Purging: 112.50 Casing Volume (V) 4" Well: 7.83 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Overcast, Rain Ext'l Amb. Temp. °C (prior sampling event): 9°

Time	0842	Gal. Purged	15.62		
Conductance	4216	pH	6.30		
Temp. °C	14.91				
Redox Potential Eh (mV)	407				
Turbidity (NTU)	0				

Time	0843	Gal. Purged	15.84		
Conductance	4210	pH	6.30		
Temp. °C	14.80				
Redox Potential Eh (mV)	400				
Turbidity (NTU)	0				

Time	0844	Gal. Purged	16.05		
Conductance	4224	pH	6.29		
Temp. °C	14.76				
Redox Potential Eh (mV)	399				
Turbidity (NTU)	0				

Time	0845	Gal. Purged	16.27		
Conductance	4227	pH	6.29		
Temp. °C	14.75				
Redox Potential Eh (mV)	396				
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 = [72.22]

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs [AWAL 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 [113.29] Sample Time [0845]

See instruction

Comment

Arrived on site at 0725. Tanner and Garrin present for purge and sampling event. Purge began at 0730. Purged well for a total of 75 minutes. Purge ended and samples collected at 0845. Water was clear

Left site at 0850

[MW-35 10-06-2015] Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: October Groundwater 2015

Location (well name): MW-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-65_10072015

Date and Time for Purging: 10/7/2015 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): 110.00

Depth to Water Before Purging: 75.39

Casing Volume (V) 4" Well: 22.60 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

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

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

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

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 = 208.29

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

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

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

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

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

Final Depth: 78.20 Sample Time: 1040

See instruction

Comment

Duplicate of MW-30

MW-65 10-07-2015 Do not touch this cell (SheetName)

Tab C2

Field Data Worksheets Accelerated Monitoring

December 2015

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

See instruction

Description of Sampling Event: December Monthly GW 2015

Location (well name): MW-11

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-11_12082015

Date and Time for Purging: 12/8/2015 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): 130.00

Depth to Water Before Purging: 86.25

Casing Volume (V) 4" Well: 28.56 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly

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

Time	1527	Gal. Purged	57.93
Conductance	2877	pH	7.37
Temp. °C	14.80		
Redox Potential Eh (mV)	251		
Turbidity (NTU)	11		

Time	1528	Gal. Purged	58.15
Conductance	2867	pH	7.37
Temp. °C	14.79		
Redox Potential Eh (mV)	247		
Turbidity (NTU)	12		

Time	1529	Gal. Purged	58.37
Conductance	2841	pH	7.38
Temp. °C	14.80		
Redox Potential Eh (mV)	245		
Turbidity (NTU)	13		

Time	1530	Gal. Purged	58.59
Conductance	2864	pH	7.39
Temp. °C	14.78		
Redox Potential Eh (mV)	243		
Turbidity (NTU)	13		

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 = [263.30]

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

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

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

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

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

Final Depth [86.32] Sample Time [1530]

See instruction

Comment

Arrived on site at 1057. Tanner present for purge and sampling event.
Purge began at 1100 Purged well for a total of 270 minutes.
Purge ended and samples collected at 1530. Water was clear
Left site at 1533

MW-11 12-08-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: December Monthly GW 2015

Location (well name): MW-14

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-14_12081015

Date and Time for Purging: 12/8 '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: 103.20 / 1000 µMHOS/ cm

Well Depth(0.01ft): 128.70

Depth to Water Before Purging: 103.20

Casing Volume (V) 4" Well: 6.65 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1557	Gal. Purged	35.15
Conductance	3891	pH	6.46
Temp. °C	14.42		
Redox Potential Eh (mV)	291		
Turbidity (NTU)	0		

Time	1558	Gal. Purged	35.37
Conductance	3889	pH	6.46
Temp. °C	14.40		
Redox Potential Eh (mV)	291		
Turbidity (NTU)	0		

Time	1559	Gal. Purged	35.58
Conductance	3887	pH	6.46
Temp. °C	14.40		
Redox Potential Eh (mV)	291		
Turbidity (NTU)	0		

Time	1600	Gal. Purged	35.80
Conductance	3889	pH	6.45
Temp. °C	14.40		
Redox Potential Eh (mV)	291		
Turbidity (NTU)	0		

Volume of Water Purged: 35,80 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: 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: 104.68 Sample Time: 1600

See instruction

Comment

Arrived on site at 1312. Tanner present for purge. Purge began at 1315 Purged well for a total of 165 minutes. Purge ended at 1600. Water was clear. Left site at 1602

MW-14 12-08-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: December Monthly GW 2015

Location (well name): MW-25

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-25_12082015

Date and Time for Purging: 12/8/2015 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: 76.55 Casing Volume (V) 4" Well: 25.10 (.653h)
3" Well: 0 (.367h)

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

Time	1047	Gal. Purged	51.42
Conductance	3174	pH	6.19
Temp. °C	14.35		
Redox Potential Eh (mV)	567		
Turbidity (NTU)	1.6		

Time	1048	Gal. Purged	51.64
Conductance	3178	pH	6.31
Temp. °C	14.36		
Redox Potential Eh (mV)	566		
Turbidity (NTU)	1.7		

Time	1049	Gal. Purged	51.86
Conductance	3177	pH	6.37
Temp. °C	14.34		
Redox Potential Eh (mV)	564		
Turbidity (NTU)	1.8		

Time	1050	Gal. Purged	52.08
Conductance	3176	pH	6.41
Temp. °C	14.35		
Redox Potential Eh (mV)	563		
Turbidity (NTU)	1.8		

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 = 231.40

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

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

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

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

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

Final Depth: 78.64 Sample Time: 1050

See instruction

Comment

Arrived on site at 0650. Tanner present for purge, and sampling event
Purge began at 0655. Purged well for a total of 240 minutes. Purge ended and samples collected at 1050. Water was clear
Left site at 1055

MW-25 12-08-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: December Monthly GW 2015

Location (well name): MW-26

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-26_12082015

Date and Time for Purging: 12/8/2015 and Sampling (if different): N/A

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

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

Sampling Event: 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: 64.32 Casing Volume (V) 4" Well: 37.22 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy Ext'l Amb. Temp. °C (prior sampling event): 8°

Time	1359	Gal. Purged	0
Conductance	3357	pH	6.30
Temp. °C	15.97		
Redox Potential Eh (mV)	487		
Turbidity (NTU)	3.5		

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

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

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

Volume of Water Purged: 0 gallon(s)

Pumping Rate Calculation

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

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

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

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

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

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

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

Final Depth: 106.83 Sample Time: 1400

See instruction

Comment

Arrived on site at 1355. Tanner present to collect samples.
Samples collected at 1400. Water was clear
Left site at 1406

Continuous Pumping well

MW-26 12-08-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: December Monthly GW 2015

Location (well name): MW-30

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-30_12092015

Date and Time for Purging: 12/9/2015 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: 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): 110.00

Depth to Water Before Purging: 75.38

Casing Volume (V) 4" Well: 22.60 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Partly Cloudy

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

Time	1027	Gal. Purged	44.91
Conductance	2051	pH	6.75
Temp. °C	14.14		
Redox Potential Eh (mV)	404		
Turbidity (NTU)	0		

Time	1028	Gal. Purged	45.13
Conductance	2054	pH	6.78
Temp. °C	14.11		
Redox Potential Eh (mV)	404		
Turbidity (NTU)	0		

Time	1029	Gal. Purged	45.35
Conductance	2051	pH	6.79
Temp. °C	14.14	14.14	
Redox Potential Eh (mV)	404		
Turbidity (NTU)	0		

Time	1030	Gal. Purged	45.57
Conductance	2051	pH	6.79
Temp. °C	14.13		
Redox Potential Eh (mV)	404		
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 = 208.35

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

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

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

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

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

Final Depth: 80.89 Sample Time: 1030

See instruction

Comment

Arrived on site at 0657, Tanner and Garrin present for purge and sampling event.
Purge began at 0700. Purged well for a total of 210 minutes
Purge ended and samples were collected at 1030. Water was clear
Left site at 1041

MW-30 12-09-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: December Monthly GW 2015

Location (well name): MW-31

Sampler Name and initials: Tanner Holliday / TH

Field Sample ID: MW-31_12082015

Date and Time for Purging: 12/8/2015 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: 68.45 Casing Volume (V) 4" Well: 40.19 (.653h)
3" Well: 0 (.367h)

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

Time	1257	Gal. Purged	81.80
Conductance	2240	pH	6.66
Temp. °C	14.45		
Redox Potential Eh (mV)	519		
Turbidity (NTU)	0		

Time	1258	Gal. Purged	82.02
Conductance	2239	pH	6.67
Temp. °C	14.44		
Redox Potential Eh (mV)	517		
Turbidity (NTU)	0		

Time	1259	Gal. Purged	82.24
Conductance	2239	pH	6.68
Temp. °C	14.44		
Redox Potential Eh (mV)	517		
Turbidity (NTU)	0		

Time	1300	Gal. Purged	82.46
Conductance	2237	pH	6.70
Temp. °C	14.44		
Redox Potential Eh (mV)	516		
Turbidity (NTU)	0		

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 = 370.43

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

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: 71.95 Sample Time: 1300

See instruction

Comment

Arrived on site at 0635. Tanner 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 1308

MW-31 12-08-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: December Monthly GW 2015

Location (well name): MW-35

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-35_12142015

Date and Time for Purging: 12/14/2015 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): 124.50

Depth to Water Before Purging: 111.85

Casing Volume (V) 4" Well: 8.26 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Snowing

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

Time	1527	Gal. Purged	16.70
Conductance	4121	pH	6.57
Temp. °C	13.80		
Redox Potential Eh (mV)	541		
Turbidity (NTU)	0		

Time	1528	Gal. Purged	16.92
Conductance	4124	pH	6.56
Temp. °C	13.75		
Redox Potential Eh (mV)	541		
Turbidity (NTU)	0		

Time	1529	Gal. Purged	17.14
Conductance	4119	pH	6.57
Temp. °C	13.84		
Redox Potential Eh (mV)	540		
Turbidity (NTU)	0		

Time	1530	Gal. Purged	17.36
Conductance	4124	pH	6.57
Temp. °C	13.78		
Redox Potential Eh (mV)	539		
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 = [76.13]

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs [AWAL 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 [112.61] Sample Time [1530]

See instruction

Comment

Arrived on site at 1400. Tanner and Garrin present for purge and sampling event
Purge began at 1410. Purged well for a total of 80 minutes.
Purge ended and samples collected at 1530. Water was clear
Left site at 1543.

MW-35 12-14-2015 Do not touch this cell (SheetName)

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

See instruction

Description of Sampling Event: December Monthly GW 2015

Location (well name): MW-65

Sampler Name and initials: Tanner Holliday/TH

Field Sample ID: MW-65_12142015

Date and Time for Purging: 12/14/2015 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): 124.50

Depth to Water Before Purging: 111.85 Casing Volume (V) 4" Well: 8.26 (.653h)
3" Well: 0 (.367h)

Weather Cond.: Snowing 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: 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 = 76.13

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

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

Name of Certified Analytical Laboratory if Other Than Energy Labs: AWAL 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: 112.61 Sample Time: 1530

See instruction

Comment

Duplicate of MW-35

MW-65 12-14-2015 Do not touch this cell (SheetName)

Tab D

Quarterly Depth to Water

NAME: Garrin Palmer, Tanner Holliday

12/2/2015

TIME	WELL	Depth to Water (ft.)
1325	MW-1	64.24
1320	MW-2	109.94
929	MW-3	82.68
928	MW-3A	84.75
1317	MW-5	106.35
1332	MW-11	86.25
1314	MW-12	108.50
1253	MW-14	103.25
1318	MW-15	106.01
935	MW-17	72.19
1316	MW-18	71.97
1255	MW-19	61.49
811	MW-20	89.70
805	MW-22	66.99
1312	MW-23	116.75
1323	MW-24	113.35
1249	MW-25	76.66
1206	MW-26	65.20
1231	MW-27	54.31
1326	MW-28	75.50
1338	MW-29	101.50
1335	MW-30	75.60
1329	MW-31	68.56
1236	MW-32	77.26
1302	MW-33	DRY
1309	MW-34	107.95
1309	MW-35	112.59
1307	MW-36	110.70
1256	MW-37	114.61

TIME	WELL	Depth to Water (ft.)
1211	MW-4	71.20
1213	TW4-1	89.04
1210	TW4-2	86.38
1226	TW4-3	56.66
1215	TW4-4	71.86
1228	TW4-5	64.37
1216	TW4-6	71.34
1222	TW4-7	81.60
1224	TW4-8	81.18
1229	TW4-9	62.18
1231	TW4-10	61.85
1208	TW4-11	90.95
954	TW4-12	45.70
952	TW4-13	51.92
949	TW4-14	80.65
1206	TW4-15	65.20
1233	TW4-16	63.17
1236	TW4-17	77.26
1339	TW4-18	65.08
1152	TW4-19	63.88
1205	TW4-20	64.10
1138	TW4-21	69.47
1204	TW4-22	60.77
1238	TW4-23	69.09
1203	TW4-24	66.92
1201	TW4-25	66.49
1241	TW4-26	66.45
940	TW4-27	80.02
955	TW4-28	39.73
948	TW4-29	73.70
943	TW4-30	76.25
941	TW4-31	80.29
957	TW4-32	51.26
938	TW4-33	72.39
946	TW4-34	71.55
944	TW4-35	74.30
951	TW4-36	56.64
1204	TW4-37	63.60

TIME	WELL	Depth to Water (ft.)
1258	PIEZ-1	64.84
1251	PIEZ-2	38.60
1244	PIEZ-3	49.10
1246	PIEZ-4	58.24
1244	PIEZ-5	57.71
1342	TWN-1	62.04
1215	TWN-2	28.80
1235	TWN-3	38.41
1239	TWN-4	54.85
NA	TWN-5	Abandoned
1312	TWN-6	78.22
1328	TWN-7	85.38
NA	TWN-8	Abandoned
NA	TWN-9	Abandoned
NA	TWN-10	Abandoned
NA	TWN-11	Abandoned
NA	TWN-12	Abandoned
NA	TWN-13	Abandoned
1303	TWN-14	61.30
NA	TWN-15	Abandoned
1306	TWN-16	47.74
NA	TWN-17	Abandoned
1335	TWN-18	60.21
759	TWN-19	53.48

TIME	WELL	Depth to Water (ft.)
NA	DR-1	Abandoned
NA	DR-2	Abandoned
907	DR-5	83.35
904	DR-6	94.35
1304	DR-7	92.32
853	DR-8	51.30
851	DR-9	86.82
848	DR-10	78.34
923	DR-11	98.17
925	DR-12	90.95
932	DR-13	70.10
845	DR-14	76.55
915	DR-15	93.05
NA	DR-16	Abandoned
837	DR-17	65.06
NA	DR-18	Abandoned
823	DR-19	63.22
821	DR-20	55.83
817	DR-21	101.30
831	DR-22	60.67
913	DR-23	70.75
828	DR-24	44.40
NA	DR-25	Abandoned

Tab E

Laboratory Analytical Reports – Quarterly Sampling

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-007
Client Sample ID: MW-01_11112015
Collection Date: 11/11/2015 955h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2214h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1057h	E200.7	10.0	**186**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2214h	E200.8	0.0300	**0.211**	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2214h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1057h	E200.7	10.0	**66.2**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.0100	**0.0620**	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 1001h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1137h	E200.7	1.00	**6.25**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1057h	E200.7	10.0	**160**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2214h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2255h	E200.8	0.000300	**0.000387**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1137h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2031h	E200.8	0.0100	< 0.0100	

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Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-007
Client Sample ID: MW-01_11112015
Collection Date: 11/11/2015 955h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1426h	E350.1	0.0500	**0.0943**	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**236**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/24/2015 1013h	E300.0	10.0	**21.9**	
Fluoride	mg/L		11/24/2015 829h	E300.0	0.100	**0.405**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**-1.79**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1847h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/23/2015 2211h	E300.0	100	**830**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**22.6**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**21.8**	
Total Dissolved Solids	mg/L		11/13/2015 1250h	SM2540C	20.0	**1,460**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**1.03**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**1,410**	

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Kyle F. Gross
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Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-007A
Client Sample ID: MW-01_11112015
Collection Date: 11/11/2015 955h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 512h
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	**3.80**	
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	46.2	50.00	92.4	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.4	50.00	109	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.4	50.00	94.7	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	102	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: December 14, 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-01_11112015	Project:	DNMI00100
Sample ID:	385740007	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	11-NOV-15 09:55		
Receive Date:	17-NOV-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	+/-0.272	0.805	1.00	pCi/L		AXM6	12/03/15	1155	1525821	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"			91.3	(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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Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-001
Client Sample ID: MW-02_11162015
Collection Date: 11/16/2015 1550h
Received Date: 11/20/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/20/2015 1403h	11/23/2015 1246h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/20/2015 1403h	12/2/2015 1138h	E200.7	100	**358**	2
Chromium	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/20/2015 1403h	11/23/2015 1246h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/20/2015 1403h	11/23/2015 1246h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/20/2015 1403h	12/2/2015 1225h	E200.7	10.0	**92.2**	2
Manganese	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	12/3/2015 1700h	12/4/2015 1009h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/20/2015 1403h	12/2/2015 1433h	E200.7	1.00	**9.98**	
Selenium	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.00500	**0.0104**	
Silver	mg/L	11/20/2015 1403h	11/23/2015 1137h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/20/2015 1403h	12/2/2015 1138h	E200.7	100	**565**	2
Thallium	mg/L	11/20/2015 1403h	11/23/2015 1246h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/20/2015 1403h	11/24/2015 1133h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/20/2015 1403h	11/23/2015 1321h	E200.8	0.000300	**0.0114**	
Vanadium	mg/L	11/20/2015 1403h	12/2/2015 1433h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/20/2015 1403h	11/24/2015 1133h	E200.8	0.0100	< 0.0100	

[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

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-001
Client Sample ID: MW-02_11162015
Collection Date: 11/16/2015 1550h
Received Date: 11/20/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	12/9/2015 1100h	12/10/2015 1306h	E350.1	0.0500	**0.161**	1
Bicarbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	**286**	
Carbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/2/2015 2343h	E300.0	1.00	**6.37**	
Fluoride	mg/L		12/2/2015 2343h	E300.0	0.100	**0.268**	
Ion Balance	%		12/2/2015 1233h	Calc.	-100	**3.99**	
Nitrate/Nitrite (as N)	mg/L		11/30/2015 1642h	E353.2	0.100	< 0.100	
Sulfate	mg/L		12/2/2015 1732h	E300.0	1,000	**1,950**	
Total Anions, Measured	meq/L		12/2/2015 1233h	Calc.		**46.4**	
Total Cations, Measured	meq/L		12/2/2015 1233h	Calc.		**50.3**	
Total Dissolved Solids	mg/L		11/20/2015 1230h	SM2540C	20.0	**2,870**	
Total Dissolved Solids Ratio, Measured/Calculated			12/2/2015 1233h	Calc.		**0.912**	
Total Dissolved Solids, Calculated	mg/L		12/2/2015 1233h	Calc.		**3,150**	

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

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Laboratory Director

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-001A
Client Sample ID: MW-02_11162015
Collection Date: 11/16/2015 1550h
Received Date: 11/20/2015 1030h

Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1557h
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	48.5	50.00	97.0	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.8	50.00	93.7	80-152	
Surr: Dibromofluoromethane	1868-53-7	44.6	50.00	89.1	80-124	
Surr: Toluene-d8	2037-26-5	46.6	50.00	93.3	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 21, 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-02_11162015	Project:	DNMI00100
Sample ID:	386241001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	16-NOV-15 15:50		
Receive Date:	24-NOV-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	+/-0.219	0.585	1.00	pCi/L		AXM6	12/14/15	1429	1529196	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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Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-001
Client Sample ID: MW-03_11032015
Collection Date: 11/3/2015 1130h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/16/2015 1345h	E200.8	0.000500	**0.00184**	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.000500	**0.0129**	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1120h	E200.7	50.0	**440**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/16/2015 1345h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/6/2015 1142h	11/16/2015 1345h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1120h	E200.7	50.0	**259**	2
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.0100	**1.02**	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 954h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.0200	**0.0869**	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1210h	E200.7	1.00	**25.7**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.00500	**0.0760**	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.0100	< 0.0100	1
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1120h	E200.7	50.0	**705**	
Thallium	mg/L	11/6/2015 1142h	11/16/2015 1345h	E200.8	0.000500	**0.00161**	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1441h	E200.8	0.000300	**0.0129**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1210h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1236h	E200.8	0.0100	**0.275**	

[1] - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.
[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-001
Client Sample ID: MW-03_11032015
Collection Date: 11/3/2015 1130h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/11/2015 900h	11/12/2015 1001h	E350.1	0.0500	< 0.0500	1
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**182**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/5/2015 2158h	E300.0	10.0	**62.4**	
Fluoride	mg/L		11/6/2015 533h	E300.0	0.100	**1.35**	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**-0.486**	
Nitrate/Nitrite (as N)	mg/L		11/7/2015 1828h	E353.2	0.100	**0.487**	
Sulfate	mg/L		11/5/2015 1819h	E300.0	1,000	**3,360**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**75.3**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**74.6**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**4,840**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**0.976**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**4,960**	

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

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Jose Rocha
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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-001A
Client Sample ID: MW-03_11032015
Collection Date: 11/3/2015 1130h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1435h
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	50.6	50.00	101	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.6	50.00	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.0	50.00	98.1	80-124	
Surr: Toluene-d8	2037-26-5	50.6	50.00	101	77-129	

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Certificate of Analysis

Report Date: December 17, 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-03_11032015	Project:	DNMI00100
Sample ID:	384936001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	03-NOV-15 11:30		
Receive Date:	06-NOV-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	+/-0.168	0.698	1.00	pCi/L		AXM6	12/03/15	1144	1525821	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"			80.3	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-002
Client Sample ID: MW-03A_11042015
Collection Date: 11/4/2015 700h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/16/2015 1348h	E200.8	0.000500	**0.000647**	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.000500	**0.00136**	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1131h	E200.7	50.0	**464**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/16/2015 1348h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/6/2015 1142h	11/16/2015 1348h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1131h	E200.7	50.0	**296**	
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.0100	**0.0151**	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 1000h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1217h	E200.7	1.00	**27.3**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.00500	**0.0917**	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1131h	E200.7	50.0	**732**	
Thallium	mg/L	11/6/2015 1142h	11/16/2015 1348h	E200.8	0.000500	**0.000666**	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1444h	E200.8	0.000300	**0.0193**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1217h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1252h	E200.8	0.0100	**0.0351**	

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Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-002A
Client Sample ID: MW-03A_11042015
Collection Date: 11/4/2015 700h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1454h
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	51.5	50.00	103	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.8	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.9	50.00	99.8	80-124	
Surr: Toluene-d8	2037-26-5	51.3	50.00	103	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-002
Client Sample ID: MW-03A_11042015
Collection Date: 11/4/2015 700h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/11/2015 900h	11/12/2015 951h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**328**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/5/2015 2215h	E300.0	10.0	**59.5**	
Fluoride	mg/L		11/6/2015 550h	E300.0	0.100	**0.996**	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**0.980**	
Nitrate/Nitrite (as N)	mg/L		11/7/2015 1829h	E353.2	0.100	**0.903**	
Sulfate	mg/L		11/5/2015 1910h	E300.0	1,000	**3,380**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**78.5**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**80.1**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**5,510**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**1.07**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**5,150**	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 17, 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-03A_11042015	Project:	DNMI00100
Sample ID:	384936002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	04-NOV-15 07:00		
Receive Date:	06-NOV-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	+/-0.280	0.978	1.00	pCi/L		AXM6	12/03/15	1144	1525821	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"			56.8	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-003
Client Sample ID: MW-05_11042015
Collection Date: 11/4/2015 1050h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/16/2015 1351h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1133h	E200.7	50.0	**145**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/16/2015 1351h	E200.8	0.0300	**0.0368**	
Lead	mg/L	11/6/2015 1142h	11/16/2015 1351h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1219h	E200.7	1.00	**42.2**	
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.0100	**0.196**	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 1002h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1219h	E200.7	1.00	**7.31**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1133h	E200.7	50.0	**487**	
Thallium	mg/L	11/6/2015 1142h	11/16/2015 1351h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1448h	E200.8	0.000300	**0.00235**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1219h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1255h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-003
Client Sample ID: MW-05_11042015
Collection Date: 11/4/2015 1050h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/11/2015 900h	11/12/2015 951h	E350.1	0.0500	**0.474**	
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**323**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/5/2015 2306h	E300.0	10.0	**49.1**	
Fluoride	mg/L		11/6/2015 607h	E300.0	0.100	**0.787**	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**0.707**	
Nitrate/Nitrite (as N)	mg/L		11/7/2015 1830h	E353.2	0.100	**0.118**	
Sulfate	mg/L		11/5/2015 1927h	E300.0	1,000	**1,140**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**31.6**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**32.1**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**2,000**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**0.968**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**2,070**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-003A
Client Sample ID: MW-05_11042015
Collection Date: 11/4/2015 1050h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1514h
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	51.0	50.00	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.0	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.6	50.00	99.1	80-124	
Surr: Toluene-d8	2037-26-5	50.8	50.00	102	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 17, 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-05_11042015	Project:	DNMI00100
Sample ID:	384936003	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	04-NOV-15 10:50		
Receive Date:	06-NOV-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	+/-0.266	0.982	1.00	pCi/L		AXM6	12/03/15	1145	1525821	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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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-008
Client Sample ID: MW-11_11112015
Collection Date: 11/11/2015 1525h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2217h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1059h	E200.7	10.0	**60.9**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2217h	E200.8	0.0300	**0.0421**	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2217h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1139h	E200.7	1.00	**18.3**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.0100	**0.126**	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 1002h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1139h	E200.7	1.00	**5.93**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1059h	E200.7	10.0	**554**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2217h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2259h	E200.8	0.000300	**0.000578**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1139h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2034h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-008
Client Sample ID: MW-11_11112015
Collection Date: 11/11/2015 1525h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1427h	E350.1	0.0500	**0.836**	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**310**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/24/2015 333h	E300.0	10.0	**30.6**	
Fluoride	mg/L		11/24/2015 846h	E300.0	0.100	**0.473**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**-6.01**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1848h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/23/2015 1543h	E300.0	1,000	**1,220**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**32.5**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**28.8**	
Total Dissolved Solids	mg/L		11/13/2015 1250h	SM2540C	20.0	**1,790**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**0.862**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**2,080**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-008A
Client Sample ID: MW-11_11112015
Collection Date: 11/11/2015 1525h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 531h
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	46.3	50.00	92.6	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.1	50.00	108	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.8	50.00	95.5	80-124	
Surr: Toluene-d8	2037-26-5	51.4	50.00	103	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 14, 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-11_11112015	Project:	DNMI00100
Sample ID:	385740008	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	11-NOV-15 15:25		
Receive Date:	17-NOV-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	+/-0.220	0.770	1.00	pCi/L		AXM6	12/04/15	0849	1525821	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"			73.3	(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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QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-002
Client Sample ID: MW-12_11172015
Collection Date: 11/17/2015 1125h
Received Date: 11/20/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/20/2015 1403h	11/23/2015 1249h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/20/2015 1403h	12/2/2015 1148h	E200.7	100	**536**	
Chromium	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/20/2015 1403h	11/23/2015 1249h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/20/2015 1403h	11/23/2015 1249h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/20/2015 1403h	12/2/2015 1148h	E200.7	100	**228**	
Manganese	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.0100	**0.0400**	
Mercury	mg/L	12/3/2015 1700h	12/4/2015 1015h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/20/2015 1403h	12/2/2015 1441h	E200.7	1.00	**13.6**	
Selenium	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.00500	**0.0247**	
Silver	mg/L	11/20/2015 1403h	11/23/2015 1147h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/20/2015 1403h	12/2/2015 1148h	E200.7	100	**335**	
Thallium	mg/L	11/20/2015 1403h	11/23/2015 1249h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/20/2015 1403h	11/24/2015 1142h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/20/2015 1403h	11/23/2015 1324h	E200.8	0.000300	**0.0230**	
Vanadium	mg/L	11/20/2015 1403h	12/2/2015 1441h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/20/2015 1403h	11/24/2015 1142h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-002
Client Sample ID: MW-12_11172015
Collection Date: 11/17/2015 1125h
Received Date: 11/20/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/23/2015 2030h	11/25/2015 1007h	E350.1	0.0500	**0.0526**	
Bicarbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	**342**	
Carbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/2/2015 2054h	E300.0	10.0	**64.9**	
Fluoride	mg/L		12/3/2015	E300.0	0.100	**0.171**	
Ion Balance	%		12/2/2015 1233h	Calc.	-100	**0.512**	
Nitrate/Nitrite (as N)	mg/L		11/30/2015 1644h	E353.2	0.100	< 0.100	
Sulfate	mg/L		12/2/2015 1823h	E300.0	1,000	**2,460**	
Total Anions, Measured	meq/L		12/2/2015 1233h	Calc.		**59.8**	
Total Cations, Measured	meq/L		12/2/2015 1233h	Calc.		**60.4**	
Total Dissolved Solids	mg/L		11/20/2015 1230h	SM2540C	20.0	**3,690**	
Total Dissolved Solids Ratio, Measured/Calculated			12/2/2015 1233h	Calc.		**0.960**	
Total Dissolved Solids, Calculated	mg/L		12/2/2015 1233h	Calc.		**3,840**	

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Jose Rocha
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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-002A
Client Sample ID: MW-12_11172015
Collection Date: 11/17/2015 1125h
Received Date: 11/20/2015 1030h

Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1123h
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	49.3	50.00	98.5	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.1	50.00	92.2	80-152	
Surr: Dibromofluoromethane	1868-53-7	46.2	50.00	92.3	80-124	
Surr: Toluene-d8	2037-26-5	46.7	50.00	93.4	77-129	

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Certificate of Analysis

Report Date: December 21, 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-12_11172015	Project:	DNMI00100
Sample ID:	386241002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	17-NOV-15 11:25		
Receive Date:	24-NOV-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	+/-0.185	0.589	1.00	pCi/L		AXM6	12/14/15	1429	1529196	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-004
Client Sample ID: MW-14_11032015
Collection Date: 11/3/2015 1005h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/16/2015 1354h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.000500	**0.00136**	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1135h	E200.7	50.0	**505**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/16/2015 1354h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/6/2015 1142h	11/16/2015 1354h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1135h	E200.7	50.0	**152**	
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1326h	E200.8	0.0500	**2.03**	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 1007h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1221h	E200.7	1.00	**11.8**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1135h	E200.7	50.0	**333**	
Thallium	mg/L	11/6/2015 1142h	11/16/2015 1354h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1451h	E200.8	0.000300	**0.0625**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1221h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1258h	E200.8	0.0100	**0.0119**	

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Laboratory Director
Jose Rocha
QA Officer

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-004
Client Sample ID: MW-14_11032015
Collection Date: 11/3/2015 1005h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/11/2015 900h	11/12/2015 952h	E350.1	0.0500	**0.120**	
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**390**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/5/2015 2323h	E300.0	10.0	**18.7**	
Fluoride	mg/L		11/6/2015 624h	E300.0	0.100	< 0.100	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**0.445**	
Nitrate/Nitrite (as N)	mg/L		11/7/2015 1831h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/5/2015 1944h	E300.0	1,000	**2,100**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**52.1**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**52.5**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**3,430**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**1.02**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**3,360**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-004A
Client Sample ID: MW-14_11032015
Collection Date: 11/3/2015 1005h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1533h
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	51.0	50.00	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.8	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.5	50.00	99.0	80-124	
Surr: Toluene-d8	2037-26-5	50.9	50.00	102	77-129	

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Certificate of Analysis

Report Date: December 17, 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-14_11032015	Project:	DNMI00100
Sample ID:	384936004	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	03-NOV-15 10:05		
Receive Date:	06-NOV-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	+/-0.293	0.982	1.00	pCi/L		AXM6	12/03/15	1145	1525821	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"			80.6	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-003
Client Sample ID: MW-15_11162015
Collection Date: 11/16/2015 1320h
Received Date: 11/20/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/20/2015 1403h	11/23/2015 1253h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/20/2015 1403h	12/2/2015 1150h	E200.7	100	**463**	
Chromium	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/20/2015 1403h	11/23/2015 1253h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/20/2015 1403h	11/23/2015 1253h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/20/2015 1403h	12/2/2015 1233h	E200.7	10.0	**160**	
Manganese	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	12/3/2015 1700h	12/4/2015 1017h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/20/2015 1403h	12/2/2015 1444h	E200.7	1.00	**10.3**	
Selenium	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.00500	**0.107**	
Silver	mg/L	11/20/2015 1403h	11/23/2015 1150h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/20/2015 1403h	12/2/2015 1150h	E200.7	100	**516**	
Thallium	mg/L	11/20/2015 1403h	11/23/2015 1253h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/20/2015 1403h	11/24/2015 1146h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/20/2015 1403h	11/23/2015 1327h	E200.8	0.000300	**0.0455**	
Vanadium	mg/L	11/20/2015 1403h	12/2/2015 1444h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/20/2015 1403h	11/24/2015 1146h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-003
Client Sample ID: MW-15_11162015
Collection Date: 11/16/2015 1320h
Received Date: 11/20/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/23/2015 2030h	11/25/2015 1008h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	**354**	
Carbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/2/2015 2145h	E300.0	10.0	**36.7**	
Fluoride	mg/L		12/3/2015 017h	E300.0	0.100	**0.182**	
Ion Balance	%		12/2/2015 1233h	Calc.	-100	**1.36**	
Nitrate/Nitrite (as N)	mg/L		11/30/2015 1650h	E353.2	0.100	< 0.100	
Sulfate	mg/L		12/2/2015 1840h	E300.0	1,000	**2,370**	
Total Anions, Measured	meq/L		12/2/2015 1233h	Calc.		**57.4**	
Total Cations, Measured	meq/L		12/2/2015 1233h	Calc.		**59.0**	
Total Dissolved Solids	mg/L		11/20/2015 1230h	SM2540C	20.0	**3,760**	
Total Dissolved Solids Ratio, Measured/Calculated			12/2/2015 1233h	Calc.		**0.998**	
Total Dissolved Solids, Calculated	mg/L		12/2/2015 1233h	Calc.		**3,760**	

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Laboratory Director

Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-003A
Client Sample ID: MW-15_11162015
Collection Date: 11/16/2015 1320h
Received Date: 11/20/2015 1030h

Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1143h
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	49.5	50.00	99.1	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.1	50.00	92.1	80-152	
Surr: Dibromofluoromethane	1868-53-7	46.7	50.00	93.4	80-124	
Surr: Toluene-d8	2037-26-5	46.7	50.00	93.4	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 21, 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-15_11162015	Project:	DNMI00100
Sample ID:	386241003	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	16-NOV-15 13:20		
Receive Date:	24-NOV-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	+/-0.221	0.724	1.00	pCi/L		AXM6	12/14/15	1438	1529196	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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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-005
Client Sample ID: MW-17_11042015
Collection Date: 11/4/2015 1125h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/16/2015 1357h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1147h	E200.7	50.0	**306**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/16/2015 1357h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/6/2015 1142h	11/16/2015 1357h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1147h	E200.7	50.0	**145**	
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.0100	**0.0498**	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 1009h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1223h	E200.7	1.00	**9.96**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.00500	**0.0138**	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1147h	E200.7	50.0	**452**	
Thallium	mg/L	11/6/2015 1142h	11/16/2015 1357h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1454h	E200.8	0.000300	**0.0208**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1223h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1311h	E200.8	0.0100	< 0.0100	

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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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-005
Client Sample ID: MW-17_11042015
Collection Date: 11/4/2015 1125h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/20/2015 1130h	11/20/2015 1819h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**357**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/5/2015 2339h	E300.0	10.0	**33.1**	
Fluoride	mg/L		11/6/2015 642h	E300.0	0.100	**0.234**	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**-1.45**	
Nitrate/Nitrite (as N)	mg/L		11/7/2015 1832h	E353.2	0.100	**1.03**	
Sulfate	mg/L		11/5/2015 2000h	E300.0	1,000	**1,940**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**48.5**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**47.1**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**2,990**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**0.964**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**3,100**	

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Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-005A
Client Sample ID: MW-17_11042015
Collection Date: 11/4/2015 1125h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1553h
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	49.5	50.00	99.0	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.3	50.00	101	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.7	50.00	95.5	80-124	
Surr: Toluene-d8	2037-26-5	49.0	50.00	98.0	77-129	

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Certificate of Analysis

Report Date: December 17, 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-17_11042015	Project:	DNMI00100
Sample ID:	384936005	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	04-NOV-15 11:25		
Receive Date:	06-NOV-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	+/-0.189	0.947	1.00	pCi/L		AXM6	12/03/15	1146	1525821	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	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-001
Client Sample ID: MW-18_11092015
Collection Date: 11/9/2015 1405h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2155h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1024h	E200.7	10.0	**558**	2
Chromium	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2155h	E200.8	0.0300	**0.0324**	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2155h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1024h	E200.7	10.0	**130**	2
Manganese	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.0100	**0.0596**	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 943h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1107h	E200.7	1.00	**7.94**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1024h	E200.7	10.0	**177**	2
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2155h	E200.8	0.000500	**0.00268**	
Tin	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2236h	E200.8	0.000300	**0.0344**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1107h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 1950h	E200.8	0.0100	< 0.0100	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-001
Client Sample ID: MW-18_11092015
Collection Date: 11/9/2015 1405h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1418h	E350.1	0.0500	< 0.0500	1
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**380**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/24/2015 150h	E300.0	10.0	**49.2**	
Fluoride	mg/L		11/24/2015 645h	E300.0	0.100	**0.205**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**-4.30**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1835h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/23/2015 1436h	E300.0	1,000	**2,000**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**50.6**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**46.4**	
Total Dissolved Solids	mg/L		11/13/2015 1250h	SM2540C	20.0	**3,000**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**0.954**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**3,150**	

[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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-001A
Client Sample ID: MW-18_11092015
Collection Date: 11/9/2015 1405h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 118h
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	46.8	50.00	93.6	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.6	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.8	50.00	95.7	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	102	77-129	

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Certificate of Analysis

Report Date: December 14, 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-18_11092015	Project:	DNMI00100
Sample ID:	385740001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	09-NOV-15 14:05		
Receive Date:	17-NOV-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		1.32	+/-0.360	0.946	1.00	pCi/L		AXM6	12/03/15	1154	1525821	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-002
Client Sample ID: MW-19_11102015
Collection Date: 11/10/2015 1530h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2159h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1036h	E200.7	10.0	**150**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2159h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2159h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1036h	E200.7	10.0	**54.5**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.0100	**0.0122**	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 948h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1115h	E200.7	1.00	**4.31**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.00500	**0.0141**	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1036h	E200.7	10.0	**103**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2159h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2240h	E200.8	0.000300	**0.00583**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1115h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2006h	E200.8	0.0100	< 0.0100	

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Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-002
Client Sample ID: MW-19_11102015
Collection Date: 11/10/2015 1530h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1422h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**182**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/24/2015 241h	E300.0	10.0	**30.6**	
Fluoride	mg/L		11/24/2015 702h	E300.0	0.100	**0.982**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**-0.351**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1836h	E353.2	0.100	**2.23**	
Sulfate	mg/L		11/23/2015 2013h	E300.0	100	**583**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**16.7**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**16.6**	
Total Dissolved Solids	mg/L		11/13/2015 1250h	SM2540C	20.0	**1,040**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**0.998**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**1,040**	

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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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-002A
Client Sample ID: MW-19_11102015
Collection Date: 11/10/2015 1530h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 335h
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	47.1	50.00	94.2	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.7	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	48.1	50.00	96.2	80-124	
Surr: Toluene-d8	2037-26-5	51.5	50.00	103	77-129	

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Certificate of Analysis

Report Date: December 14, 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-19_11102015	Project:	DNMI00100
Sample ID:	385740002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	10-NOV-15 15:30		
Receive Date:	17-NOV-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	+/-0.249	0.976	1.00	pCi/L		AXM6	12/03/15	1146	1525821	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"			85	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1512251-002
Client Sample ID: MW-20_12092015
Collection Date: 12/9/2015 1255h
Received Date: 12/11/2015 1000h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	12/11/2015 1421h	12/15/2015 1011h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	12/11/2015 1421h	12/15/2015 940h	E200.7	10.0	**362**	
Chromium	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.0100	< 0.0100	
Copper	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.0100	< 0.0100	
Iron	mg/L	12/11/2015 1421h	12/15/2015 1011h	E200.8	0.0300	< 0.0300	
Lead	mg/L	12/11/2015 1421h	12/15/2015 1011h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	12/11/2015 1421h	12/15/2015 1026h	E200.7	1.00	**18.2**	
Manganese	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	12/18/2015 1630h	12/21/2015 1145h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.0100	**0.0196**	
Nickel	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	12/11/2015 1421h	12/15/2015 1026h	E200.7	1.00	**24.3**	
Selenium	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.00500	< 0.00500	
Silver	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	12/11/2015 1421h	12/15/2015 958h	E200.7	50.0	**1,200**	
Thallium	mg/L	12/11/2015 1421h	12/15/2015 1011h	E200.8	0.000500	< 0.000500	
Tin	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.100	< 0.100	
Uranium	mg/L	12/11/2015 1421h	12/15/2015 1030h	E200.8	0.000300	**0.00159**	
Vanadium	mg/L	12/11/2015 1421h	12/15/2015 1350h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	12/11/2015 1421h	12/15/2015 931h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1512251-002
Client Sample ID: MW-20_12092015
Collection Date: 12/9/2015 1255h
Received Date: 12/11/2015 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	12/21/2015 1030h	12/22/2015 2009h	E350.1	0.0500	**0.0943**	
Bicarbonate (as CaCO3)	mg/L		12/14/2015 737h	SM2320B	1.00	**35.3**	
Carbonate (as CaCO3)	mg/L		12/14/2015 737h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/15/2015 2114h	E300.0	10.0	**63.0**	
Fluoride	mg/L		12/15/2015 2346h	E300.0	0.100	**0.217**	
Ion Balance	%		12/15/2015 1156h	Calc.	-100	**-0.410**	
Nitrate/Nitrite (as N)	mg/L		12/18/2015 1048h	E353.2	0.100	**12.6**	
Sulfate	mg/L		12/15/2015 1859h	E300.0	1,000	**3,400**	
Total Anions, Measured	meq/L		12/15/2015 1156h	Calc.		**73.2**	
Total Cations, Measured	meq/L		12/15/2015 1156h	Calc.		**72.6**	
Total Dissolved Solids	mg/L		12/11/2015 1305h	SM2540C	20.0	**4,840**	
Total Dissolved Solids Ratio, Measured/Calculated			12/15/2015 1156h	Calc.		**0.951**	
Total Dissolved Solids, Calculated	mg/L		12/15/2015 1156h	Calc.		**5,090**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1512251-002A
Client Sample ID: MW-20_12092015
Collection Date: 12/9/2015 1255h
Received Date: 12/11/2015 1000h
Test Code: 8260-W-DEN100

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

Analyzed: 12/14/2015 1133h
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	54.3	50.00	109	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	51.1	50.00	102	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.9	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	50.9	50.00	102	77-129	

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Certificate of Analysis

Report Date: January 13, 2016

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-20_12092015	Project:	DNMI00100
Sample ID:	387679001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	09-DEC-15 12:55		
Receive Date:	17-DEC-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	+/-0.204	0.912	1.00	pCi/L		AXM6	01/06/16	1232	1533807	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"			104	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-004
Client Sample ID: MW-22_11172015
Collection Date: 11/17/2015 1430h
Received Date: 11/20/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/20/2015 1403h	11/23/2015 1256h	E200.8	0.000500	**0.0145**	
Cadmium	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.000500	**0.186**	
Calcium	mg/L	11/20/2015 1403h	12/2/2015 1153h	E200.7	100	**435**	
Chromium	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.0100	**0.549**	
Copper	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.0100	**0.121**	
Iron	mg/L	11/20/2015 1403h	11/23/2015 1256h	E200.8	0.0300	**0.182**	
Lead	mg/L	11/20/2015 1403h	11/23/2015 1256h	E200.8	0.00100	**0.00410**	
Magnesium	mg/L	11/20/2015 1403h	12/2/2015 1153h	E200.7	100	**1,220**	
Manganese	mg/L	11/20/2015 1403h	11/23/2015 1224h	E200.8	0.500	**51.7**	
Mercury	mg/L	12/3/2015 1700h	12/4/2015 1023h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.0100	**0.356**	
Nickel	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.0200	**0.320**	
Potassium	mg/L	11/20/2015 1403h	12/2/2015 1446h	E200.7	1.00	**23.2**	
Selenium	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.00500	**0.0147**	
Silver	mg/L	11/20/2015 1403h	11/23/2015 1153h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/20/2015 1403h	12/2/2015 1153h	E200.7	100	**284**	
Thallium	mg/L	11/20/2015 1403h	11/23/2015 1256h	E200.8	0.000500	**0.00179**	
Tin	mg/L	11/20/2015 1403h	11/24/2015 1149h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/20/2015 1403h	11/23/2015 1330h	E200.8	0.000300	**0.0266**	
Vanadium	mg/L	11/20/2015 1403h	12/2/2015 1446h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/20/2015 1403h	11/24/2015 1149h	E200.8	0.0100	**1.56**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-004
Client Sample ID: MW-22_11172015
Collection Date: 11/17/2015 1430h
Received Date: 11/20/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/23/2015 2030h	11/25/2015 1009h	E350.1	0.0500	**1.23**	
Bicarbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	**27.5**	
Carbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/2/2015 2202h	E300.0	10.0	**55.8**	
Fluoride	mg/L		12/2/2015 2202h	E300.0	1.00	**12.2**	
Ion Balance	%		12/2/2015 1233h	Calc.	-100	**-1.28**	
Nitrate/Nitrite (as N)	mg/L		11/30/2015 1711h	E353.2	1.00	**2.72**	
Sulfate	mg/L		12/2/2015 1856h	E300.0	1,000	**6,570**	
Total Anions, Measured	meq/L		12/2/2015 1233h	Calc.		**139**	
Total Cations, Measured	meq/L		12/2/2015 1233h	Calc.		**135**	
Total Dissolved Solids	mg/L		11/20/2015 1230h	SM2540C	100	**8,700**	
Total Dissolved Solids Ratio, Measured/Calculated			12/2/2015 1233h	Calc.		**1.01**	
Total Dissolved Solids, Calculated	mg/L		12/2/2015 1233h	Calc.		**8,610**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-004A
Client Sample ID: MW-22_11172015
Collection Date: 11/17/2015 1430h
Received Date: 11/20/2015 1030h

Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1400h
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	49.3	50.00	98.6	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.4	50.00	92.7	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.0	50.00	93.9	80-124	
Surr: Toluene-d8	2037-26-5	46.7	50.00	93.4	77-129	

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Certificate of Analysis

Report Date: December 21, 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-22_11172015	Project:	DNMI00100
Sample ID:	386241004	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	17-NOV-15 14:30		
Receive Date:	24-NOV-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		3.64	+/-0.457	0.749	1.00	pCi/L		AXM6	12/14/15	1440	1529196	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-005
Client Sample ID: MW-23_11182015
Collection Date: 11/18/2015 1000h
Received Date: 11/20/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/20/2015 1403h	11/23/2015 1259h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/20/2015 1403h	12/2/2015 1203h	E200.7	100	**473**	
Chromium	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/20/2015 1403h	11/23/2015 1259h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/20/2015 1403h	11/23/2015 1259h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/20/2015 1403h	12/2/2015 1236h	E200.7	10.0	**153**	
Manganese	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.0100	**0.0129**	
Mercury	mg/L	12/3/2015 1700h	12/4/2015 1025h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/20/2015 1403h	12/2/2015 1456h	E200.7	1.00	**9.40**	
Selenium	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/20/2015 1403h	11/23/2015 1156h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/20/2015 1403h	12/2/2015 1203h	E200.7	100	**400**	
Thallium	mg/L	11/20/2015 1403h	11/23/2015 1259h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/20/2015 1403h	11/24/2015 1152h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/20/2015 1403h	11/23/2015 1334h	E200.8	0.000300	**0.00937**	
Vanadium	mg/L	11/20/2015 1403h	12/2/2015 1456h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/20/2015 1403h	11/24/2015 1152h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-005
Client Sample ID: MW-23_11182015
Collection Date: 11/18/2015 1000h
Received Date: 11/20/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/23/2015 2030h	11/25/2015 1010h	E350.1	0.0500	**0.0518**	
Bicarbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	**268**	
Carbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/3/2015 033h	E300.0	1.00	**7.35**	
Fluoride	mg/L		12/3/2015 033h	E300.0	0.100	**0.191**	
Ion Balance	%		12/2/2015 1233h	Calc.	-100	**0.0612**	
Nitrate/Nitrite (as N)	mg/L		11/30/2015 1652h	E353.2	0.100	< 0.100	
Sulfate	mg/L		12/2/2015 1913h	E300.0	1,000	**2,320**	
Total Anions, Measured	meq/L		12/2/2015 1233h	Calc.		**53.8**	
Total Cations, Measured	meq/L		12/2/2015 1233h	Calc.		**53.9**	
Total Dissolved Solids	mg/L		11/20/2015 1230h	SM2540C	20.0	**3,240**	
Total Dissolved Solids Ratio, Measured/Calculated			12/2/2015 1233h	Calc.		**0.920**	
Total Dissolved Solids, Calculated	mg/L		12/2/2015 1233h	Calc.		**3,520**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-005A
Client Sample ID: MW-23_11182015
Collection Date: 11/18/2015 1000h
Received Date: 11/20/2015 1030h

Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1419h
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	48.9	50.00	97.8	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.4	50.00	92.7	80-152	
Surr: Dibromofluoromethane	1868-53-7	45.5	50.00	91.0	80-124	
Surr: Toluene-d8	2037-26-5	46.6	50.00	93.3	77-129	

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Certificate of Analysis

Report Date: December 21, 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-23_11182015	Project:	DNMI00100
Sample ID:	386241005	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	18-NOV-15 10:00		
Receive Date:	24-NOV-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	+/-0.205	0.513	1.00	pCi/L		AXM6	12/15/15	1245	1529196	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	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-006
Client Sample ID: MW-24_11182015
Collection Date: 11/18/2015 930h
Received Date: 11/20/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/20/2015 1403h	11/23/2015 1302h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.000500	**0.00375**	
Calcium	mg/L	11/20/2015 1403h	12/2/2015 1205h	E200.7	100	**497**	
Chromium	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.0100	**0.0569**	
Copper	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/20/2015 1403h	11/23/2015 1302h	E200.8	0.0300	**0.185**	
Lead	mg/L	11/20/2015 1403h	11/23/2015 1302h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/20/2015 1403h	12/2/2015 1238h	E200.7	10.0	**170**	
Manganese	mg/L	11/20/2015 1403h	11/23/2015 1228h	E200.8	0.0500	**4.42**	
Mercury	mg/L	12/3/2015 1700h	12/4/2015 1027h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.0200	**0.0337**	
Potassium	mg/L	11/20/2015 1403h	12/2/2015 1458h	E200.7	1.00	**12.2**	
Selenium	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/20/2015 1403h	11/23/2015 1159h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/20/2015 1403h	12/2/2015 1205h	E200.7	100	**505**	
Thallium	mg/L	11/20/2015 1403h	11/23/2015 1302h	E200.8	0.000500	**0.00137**	
Tin	mg/L	11/20/2015 1403h	11/24/2015 1155h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/20/2015 1403h	11/23/2015 1337h	E200.8	0.000300	**0.00392**	
Vanadium	mg/L	11/20/2015 1403h	12/2/2015 1458h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/20/2015 1403h	11/24/2015 1155h	E200.8	0.0100	**0.0726**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-006
Client Sample ID: MW-24_11182015
Collection Date: 11/18/2015 930h
Received Date: 11/20/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/23/2015 2030h	11/25/2015 1011h	E350.1	0.0500	**0.0717**	
Bicarbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	**41.3**	
Carbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/2/2015 2219h	E300.0	10.0	**45.0**	
Fluoride	mg/L		12/3/2015 124h	E300.0	0.100	**0.372**	
Ion Balance	%		12/2/2015 1233h	Calc.	-100	**0.790**	
Nitrate/Nitrite (as N)	mg/L		11/30/2015 1653h	E353.2	0.100	**0.100**	
Sulfate	mg/L		12/2/2015 1930h	E300.0	1,000	**2,790**	
Total Anions, Measured	meq/L		12/2/2015 1233h	Calc.		**60.1**	
Total Cations, Measured	meq/L		12/2/2015 1233h	Calc.		**61.1**	
Total Dissolved Solids	mg/L		11/20/2015 1230h	SM2540C	20.0	**3,840**	
Total Dissolved Solids Ratio, Measured/Calculated			12/2/2015 1233h	Calc.		**0.951**	
Total Dissolved Solids, Calculated	mg/L		12/2/2015 1233h	Calc.		**4,040**	

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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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-006A
Client Sample ID: MW-24_11182015
Collection Date: 11/18/2015 930h
Received Date: 11/20/2015 1030h
Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1439h
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	48.5	50.00	97.0	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	46.9	50.00	93.9	80-152	
Surr: Dibromofluoromethane	1868-53-7	45.7	50.00	91.3	80-124	
Surr: Toluene-d8	2037-26-5	46.9	50.00	93.8	77-129	

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Certificate of Analysis

Report Date: December 21, 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-24_11182015	Project:	DNMI00100
Sample ID:	386241006	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	18-NOV-15 09:30		
Receive Date:	24-NOV-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	+/-0.237	0.573	1.00	pCi/L		AXM6	12/14/15	1459	1529196	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.

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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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-009
Client Sample ID: MW-25_11112015
Collection Date: 11/11/2015 1040h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2221h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.000500	**0.00138**	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1102h	E200.7	10.0	**361**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2221h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2221h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1102h	E200.7	10.0	**118**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.0100	**1.52**	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 1004h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.0100	**0.0129**	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1142h	E200.7	1.00	**9.04**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1102h	E200.7	10.0	**283**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2221h	E200.8	0.000500	**0.000828**	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2302h	E200.8	0.000300	**0.00619**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1142h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2037h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-009
Client Sample ID: MW-25_11112015
Collection Date: 11/11/2015 1040h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1428h	E350.1	0.0500	**0.599**	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**325**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/24/2015 351h	E300.0	10.0	**29.8**	
Fluoride	mg/L		11/24/2015 904h	E300.0	0.100	**0.297**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**-4.22**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1849h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/23/2015 1600h	E300.0	1,000	**1,750**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**43.8**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**40.2**	
Total Dissolved Solids	mg/L		11/13/2015 1415h	SM2540C	20.0	**2,570**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**0.936**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**2,740**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-009A
Client Sample ID: MW-25_11112015
Collection Date: 11/11/2015 1040h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 551h
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	46.1	50.00	92.3	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.5	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.2	50.00	94.3	80-124	
Surr: Toluene-d8	2037-26-5	51.1	50.00	102	77-129	

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Certificate of Analysis

Report Date: December 14, 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-25_11112015	Project:	DNMI00100
Sample ID:	385740009	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	11-NOV-15 10:40		
Receive Date:	17-NOV-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	+/-0.328	0.944	1.00	pCi/L		AXM6	12/03/15	0725	1525821	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-010
Client Sample ID: MW-26_11112015
Collection Date: 11/11/2015 1300h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2224h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1104h	E200.7	10.0	**501**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2224h	E200.8	0.0300	**0.308**	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2224h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1104h	E200.7	10.0	**174**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.0100	**0.778**	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 1006h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1144h	E200.7	1.00	**10.6**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.00500	**0.0109**	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1104h	E200.7	10.0	**161**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2224h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2305h	E200.8	0.000300	**0.0660**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1144h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2040h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-010
Client Sample ID: MW-26_11112015
Collection Date: 11/11/2015 1300h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1429h	E350.1	0.0500	**0.521**	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**334**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/24/2015 408h	E300.0	10.0	**75.3**	
Fluoride	mg/L		11/24/2015 921h	E300.0	0.100	**0.244**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**-3.65**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1850h	E353.2	0.100	**1.11**	
Sulfate	mg/L		11/23/2015 1617h	E300.0	1,000	**1,990**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**50.2**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**46.6**	
Total Dissolved Solids	mg/L		11/13/2015 1415h	SM2540C	20.0	**2,900**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**0.932**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**3,110**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-010A
Client Sample ID: MW-26_11112015
Collection Date: 11/11/2015 1300h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 906h
Units: µg/L **Dilution Factor:** 50 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	50.0	**2,660**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	2,320	2,500	92.6	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	2,710	2,500	108	80-152	
Surr: Dibromofluoromethane	1868-53-7	2,430	2,500	97.0	80-124	
Surr: Toluene-d8	2037-26-5	2,570	2,500	103	77-129	

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

Analyzed: 11/13/2015 610h
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	**2.69**	
Methylene chloride	75-09-2	1.00	**9.89**	
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	46.3	50.00	92.5	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.9	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.2	50.00	98.4	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	102	77-129	

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Certificate of Analysis

Report Date: December 14, 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_11112015	Project:	DNMI00100
Sample ID:	385740010	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	11-NOV-15 13:00		
Receive Date:	17-NOV-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		1.79	+/-0.355	0.786	1.00	pCi/L		AXM6	12/03/15	1153	1525821	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"			95.3	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-003
Client Sample ID: MW-27_11102015
Collection Date: 11/10/2015 1050h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2202h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1039h	E200.7	10.0	**161**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2202h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2202h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1039h	E200.7	10.0	**69.4**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 950h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1126h	E200.7	1.00	**3.78**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.00500	**0.0123**	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1039h	E200.7	10.0	**70.2**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2202h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2243h	E200.8	0.000300	**0.0238**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1126h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2009h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-003
Client Sample ID: MW-27_11102015
Collection Date: 11/10/2015 1050h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1423h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**332**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/24/2015 258h	E300.0	10.0	**42.9**	
Fluoride	mg/L		11/24/2015 719h	E300.0	0.100	**0.759**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**0.00695**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1841h	E353.2	0.100	**5.60**	
Sulfate	mg/L		11/23/2015 2103h	E300.0	100	**430**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**16.9**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**16.9**	
Total Dissolved Solids	mg/L		11/13/2015 1250h	SM2540C	20.0	**1,000**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**1.02**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**983**	

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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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-003A
Client Sample ID: MW-27_11102015
Collection Date: 11/10/2015 1050h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 354h
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	47.6	50.00	95.2	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.0	50.00	104	80-152	
Surr: Dibromofluoromethane	1868-53-7	48.2	50.00	96.3	80-124	
Surr: Toluene-d8	2037-26-5	51.5	50.00	103	77-129	

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Certificate of Analysis

Report Date: December 14, 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_11102015	Project:	DNMI00100
Sample ID:	385740003	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	10-NOV-15 10:50		
Receive Date:	17-NOV-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	+/-0.322	0.986	1.00	pCi/L		AXM6	12/03/15	1147	1525821	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"			77	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-004
Client Sample ID: MW-28_11102015
Collection Date: 11/10/2015 1455h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.00500	**0.0103**	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2205h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.000500	**0.00473**	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1042h	E200.7	10.0	**531**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.0100	**0.0311**	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2205h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2205h	E200.8	0.00100	**0.00123**	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1042h	E200.7	10.0	**181**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.0100	**1.64**	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 955h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.0200	**0.0231**	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1129h	E200.7	1.00	**11.0**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.00500	**0.00609**	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1042h	E200.7	10.0	**308**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2205h	E200.8	0.000500	**0.000810**	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2246h	E200.8	0.000300	**0.00484**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1129h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2012h	E200.8	0.0100	**0.0521**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-004
Client Sample ID: MW-28_11102015
Collection Date: 11/10/2015 1455h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1424h	E350.1	0.0500	**0.0709**	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**132**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/23/2015 2120h	E300.0	100	**116**	
Fluoride	mg/L		11/24/2015 737h	E300.0	0.100	**0.518**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**-1.59**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1842h	E353.2	0.100	**0.876**	
Sulfate	mg/L		11/23/2015 1453h	E300.0	1,000	**2,440**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**56.8**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**55.0**	
Total Dissolved Solids	mg/L		11/13/2015 1250h	SM2540C	20.0	**3,450**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**0.941**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**3,670**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-004A
Client Sample ID: MW-28_11102015
Collection Date: 11/10/2015 1455h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 413h
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	47.3	50.00	94.6	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	55.0	50.00	110	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.1	50.00	98.3	80-124	
Surr: Toluene-d8	2037-26-5	52.8	50.00	106	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 14, 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-28_11102015	Project:	DNMI00100
Sample ID:	385740004	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	10-NOV-15 14:55		
Receive Date:	17-NOV-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		1.59	+/-0.184	0.389	1.00	pCi/L		AXM6	12/03/15	1151	1525821	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-007
Client Sample ID: MW-29_11162015
Collection Date: 11/16/2015 1240h
Received Date: 11/20/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/20/2015 1403h	11/23/2015 1305h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/20/2015 1403h	12/2/2015 1208h	E200.7	100	**490**	
Chromium	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.120	**1.39**	
Lead	mg/L	11/20/2015 1403h	11/23/2015 1305h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/20/2015 1403h	12/2/2015 1208h	E200.7	100	**220**	
Manganese	mg/L	11/20/2015 1403h	11/23/2015 1231h	E200.8	0.0500	**5.16**	
Mercury	mg/L	12/3/2015 1700h	12/4/2015 1029h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/20/2015 1403h	12/2/2015 1501h	E200.7	1.00	**16.6**	
Selenium	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/20/2015 1403h	11/23/2015 1202h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/20/2015 1403h	12/2/2015 1208h	E200.7	100	**490**	
Thallium	mg/L	11/20/2015 1403h	11/23/2015 1305h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/20/2015 1403h	11/24/2015 1158h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/20/2015 1403h	11/23/2015 1340h	E200.8	0.000300	**0.0132**	
Vanadium	mg/L	11/20/2015 1403h	12/2/2015 1501h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/20/2015 1403h	11/24/2015 1158h	E200.8	0.0100	**0.0104**	

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Laboratory Director

Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-007
Client Sample ID: MW-29_11162015
Collection Date: 11/16/2015 1240h
Received Date: 11/20/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/23/2015 2030h	11/25/2015 1013h	E350.1	0.0500	**0.735**	
Bicarbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	**286**	
Carbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/2/2015 2236h	E300.0	10.0	**36.4**	
Fluoride	mg/L		12/3/2015 141h	E300.0	0.100	**0.641**	
Ion Balance	%		12/2/2015 1233h	Calc.	-100	**0.528**	
Nitrate/Nitrite (as N)	mg/L		11/30/2015 1654h	E353.2	0.100	< 0.100	
Sulfate	mg/L		12/2/2015 1947h	E300.0	1,000	**2,740**	
Total Anions, Measured	meq/L		12/2/2015 1233h	Calc.		**63.7**	
Total Cations, Measured	meq/L		12/2/2015 1233h	Calc.		**64.4**	
Total Dissolved Solids	mg/L		11/20/2015 1230h	SM2540C	20.0	**4,110**	
Total Dissolved Solids Ratio, Measured/Calculated			12/2/2015 1233h	Calc.		**0.987**	
Total Dissolved Solids, Calculated	mg/L		12/2/2015 1233h	Calc.		**4,160**	

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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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-007A
Client Sample ID: MW-29_11162015
Collection Date: 11/16/2015 1240h
Received Date: 11/20/2015 1030h

Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1458h
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	47.0	50.00	94.1	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	44.9	50.00	89.8	80-152	
Surr: Dibromofluoromethane	1868-53-7	44.1	50.00	88.2	80-124	
Surr: Toluene-d8	2037-26-5	45.2	50.00	90.3	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: December 21, 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-29_11162015	Project:	DNMI00100
Sample ID:	386241007	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	16-NOV-15 12:40		
Receive Date:	24-NOV-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	+/-0.236	0.638	1.00	pCi/L		AXM6	12/14/15	1459	1529196	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-005
Client Sample ID: MW-30_11112015
Collection Date: 11/11/2015 1345h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2208h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1051h	E200.7	10.0	**276**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2208h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2208h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1051h	E200.7	10.0	**69.6**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.0100	**0.0145**	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 957h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1132h	E200.7	1.00	**6.05**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.00500	**0.0386**	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1051h	E200.7	10.0	**97.3**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2208h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2249h	E200.8	0.000300	**0.00799**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1132h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2025h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-005
Client Sample ID: MW-30_11112015
Collection Date: 11/11/2015 1345h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1425h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**151**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/23/2015 2137h	E300.0	100	**140**	
Fluoride	mg/L		11/24/2015 754h	E300.0	0.100	**0.572**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**2.72**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1843h	E353.2	0.100	**16.3**	
Sulfate	mg/L		11/23/2015 2137h	E300.0	100	**739**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**22.6**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**23.9**	
Total Dissolved Solids	mg/L		11/13/2015 1250h	SM2540C	20.0	**1,520**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**1.06**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**1,440**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-005A
Client Sample ID: MW-30_11112015
Collection Date: 11/11/2015 1345h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 433h
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	46.2	50.00	92.3	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	54.1	50.00	108	80-152	
Surr: Dibromofluoromethane	1868-53-7	48.1	50.00	96.2	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	102	77-129	

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GEL LABORATORIES LLC
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Certificate of Analysis

Report Date: December 14, 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-30_11112015	Project:	DNMI00100
Sample ID:	385740005	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	11-NOV-15 13:45		
Receive Date:	17-NOV-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	+/-0.228	0.774	1.00	pCi/L		AXM6	12/04/15	0821	1525821	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"			49.9	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-006
Client Sample ID: MW-31_11092015
Collection Date: 11/9/2015 1340h
Received Date: 11/12/2015 1500h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/16/2015 1353h	11/17/2015 2211h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/16/2015 1353h	11/25/2015 1054h	E200.7	10.0	**224**	
Chromium	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/16/2015 1353h	11/17/2015 2211h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/16/2015 1353h	11/17/2015 2211h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/16/2015 1353h	11/25/2015 1054h	E200.7	10.0	**99.4**	
Manganese	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	11/13/2015 1845h	11/16/2015 959h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/16/2015 1353h	11/25/2015 1134h	E200.7	1.00	**5.82**	
Selenium	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.00500	**0.0777**	
Silver	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/16/2015 1353h	11/25/2015 1054h	E200.7	10.0	**96.3**	
Thallium	mg/L	11/16/2015 1353h	11/17/2015 2211h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/16/2015 1353h	11/17/2015 2252h	E200.8	0.000300	**0.00872**	
Vanadium	mg/L	11/16/2015 1353h	11/25/2015 1134h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/16/2015 1353h	11/17/2015 2028h	E200.8	0.0100	< 0.0100	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-006
Client Sample ID: MW-31_11092015
Collection Date: 11/9/2015 1340h
Received Date: 11/12/2015 1500h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/17/2015 1500h	11/18/2015 1426h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	**169**	
Carbonate (as CaCO3)	mg/L		11/13/2015 708h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/23/2015 2154h	E300.0	100	**215**	
Fluoride	mg/L		11/24/2015 812h	E300.0	0.100	**0.675**	
Ion Balance	%		11/25/2015 1538h	Calc.	-100	**1.03**	
Nitrate/Nitrite (as N)	mg/L		11/14/2015 1844h	E353.2	0.100	**18.4**	
Sulfate	mg/L		11/23/2015 2154h	E300.0	100	**646**	
Total Anions, Measured	meq/L		11/25/2015 1538h	Calc.		**23.2**	
Total Cations, Measured	meq/L		11/25/2015 1538h	Calc.		**23.7**	
Total Dissolved Solids	mg/L		11/13/2015 1250h	SM2540C	20.0	**1,460**	
Total Dissolved Solids Ratio, Measured/Calculated			11/25/2015 1538h	Calc.		**1.04**	
Total Dissolved Solids, Calculated	mg/L		11/25/2015 1538h	Calc.		**1,410**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-006A
Client Sample ID: MW-31_11092015
Collection Date: 11/9/2015 1340h
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 453h
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	46.4	50.00	92.8	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.4	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.8	50.00	95.6	80-124	
Surr: Toluene-d8	2037-26-5	51.3	50.00	103	77-129	

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Certificate of Analysis

Report Date: December 14, 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-31_11092015	Project:	DNMI00100
Sample ID:	385740006	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	09-NOV-15 13:40		
Receive Date:	17-NOV-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	+/-0.243	0.757	1.00	pCi/L		AXM6	12/04/15	0849	1525821	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"			68.5	(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.

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Kyle F. Gross
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Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-006
Client Sample ID: MW-32_11032015
Collection Date: 11/3/2015 1240h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/16/2015 1401h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.000500	**0.000678**	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1149h	E200.7	50.0	**523**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.0100	**0.0372**	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/16/2015 1329h	E200.8	0.600	**4.76**	
Lead	mg/L	11/6/2015 1142h	11/16/2015 1401h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1149h	E200.7	50.0	**211**	
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1329h	E200.8	0.0500	**5.06**	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 1010h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.0200	**0.0428**	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1233h	E200.7	1.00	**13.9**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.00500	< 0.00500	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1149h	E200.7	50.0	**232**	
Thallium	mg/L	11/6/2015 1142h	11/16/2015 1401h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1457h	E200.8	0.000300	**0.00187**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1233h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1314h	E200.8	0.0100	**0.0679**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-006
Client Sample ID: MW-32_11032015
Collection Date: 11/3/2015 1240h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/11/2015 900h	11/12/2015 954h	E350.1	0.0500	**0.807**	
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**382**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/6/2015 030h	E300.0	10.0	**34.1**	
Fluoride	mg/L		11/6/2015 659h	E300.0	0.100	**0.176**	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**2.30**	
Nitrate/Nitrite (as N)	mg/L		11/7/2015 1833h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/5/2015 2017h	E300.0	1,000	**2,070**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**51.7**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**54.1**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**3,260**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**0.982**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**3,320**	

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Jose Rocha
QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-006A
Client Sample ID: MW-32_11032015
Collection Date: 11/3/2015 1240h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1612h
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	52.9	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.8	50.00	99.6	80-124	
Surr: Toluene-d8	2037-26-5	51.4	50.00	103	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: December 17, 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_11032015	Project:	DNMI00100
Sample ID:	384936006	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	03-NOV-15 12:40		
Receive Date:	06-NOV-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	+/-0.340	0.655	1.00	pCi/L		AXM6	12/04/15	0820	1525821	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-007
Client Sample ID: MW-35_11032015
Collection Date: 11/3/2015 1605h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/14/2015 256h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1151h	E200.7	50.0	**521**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/14/2015 256h	E200.8	0.0300	**0.0904**	
Lead	mg/L	11/6/2015 1142h	11/14/2015 256h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1151h	E200.7	50.0	**157**	
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.0100	**0.210**	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 1012h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1235h	E200.7	1.00	**11.4**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.00500	**0.00996**	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1151h	E200.7	50.0	**378**	
Thallium	mg/L	11/6/2015 1142h	11/14/2015 256h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1500h	E200.8	0.000300	**0.0227**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1235h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1317h	E200.8	0.0100	< 0.0100	

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QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-007
Client Sample ID: MW-35_11032015
Collection Date: 11/3/2015 1605h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/11/2015 900h	11/12/2015 954h	E350.1	0.0500	**0.0986**	
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**343**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/6/2015 047h	E300.0	10.0	**62.1**	
Fluoride	mg/L		11/6/2015 717h	E300.0	0.100	**0.313**	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**0.0875**	
Nitrate/Nitrite (as N)	mg/L		11/7/2015 1834h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/5/2015 2108h	E300.0	1,000	**2,250**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**55.5**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**55.6**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**3,590**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**1.00**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**3,590**	

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QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-007A
Client Sample ID: MW-35_11032015
Collection Date: 11/3/2015 1605h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1632h
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	49.4	50.00	98.8	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.0	50.00	100	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.6	50.00	95.2	80-124	
Surr: Toluene-d8	2037-26-5	49.1	50.00	98.3	77-129	

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Certificate of Analysis

Report Date: December 17, 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_11032015	Project:	DNMI00100
Sample ID:	384936007	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	03-NOV-15 16:05		
Receive Date:	06-NOV-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		4.47	+/-0.408	0.557	1.00	pCi/L		AXM6	12/09/15	1414	1525821	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-008
Client Sample ID: MW-36_11032015
Collection Date: 11/3/2015 1410h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/16/2015 1407h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1153h	E200.7	50.0	**438**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/16/2015 1407h	E200.8	0.0300	< 0.0300	
Lead	mg/L	11/6/2015 1142h	11/16/2015 1407h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1153h	E200.7	50.0	**136**	
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.0100	< 0.0100	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 1014h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1238h	E200.7	1.00	**9.69**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.00500	**0.245**	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1153h	E200.7	50.0	**664**	
Thallium	mg/L	11/6/2015 1142h	11/16/2015 1407h	E200.8	0.000500	**0.000660**	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1503h	E200.8	0.000300	**0.0240**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1238h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1320h	E200.8	0.0100	< 0.0100	

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Jose Rocha
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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-008
Client Sample ID: MW-36_11032015
Collection Date: 11/3/2015 1410h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/15/2015 2000h	11/16/2015 1635h	E350.1	0.0500	< 0.0500	
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**372**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/6/2015 104h	E300.0	10.0	**55.3**	
Fluoride	mg/L		11/6/2015 734h	E300.0	0.100	**0.271**	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**-0.630**	
Nitrate/Nitrite (as N)	mg/L		11/7/2015 1835h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/5/2015 2125h	E300.0	1,000	**2,590**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**62.9**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**62.1**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**4,100**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**0.996**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**4,120**	

[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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-008A
Client Sample ID: MW-36_11032015
Collection Date: 11/3/2015 1410h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1651h
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	52.0	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	55.2	50.00	110	80-152	
Surr: Dibromofluoromethane	1868-53-7	50.2	50.00	100	80-124	
Surr: Toluene-d8	2037-26-5	52.5	50.00	105	77-129	

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2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: December 17, 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_11032015	Project:	DNMI00100
Sample ID:	384936008	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	03-NOV-15 14:10		
Receive Date:	06-NOV-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		1.17	+/-0.267	0.622	1.00	pCi/L		AXM6	12/04/15	0820	1525821	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"			99.7	(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: 4th Quarter Groundwater 2015
Lab Sample ID: 1512251-001
Client Sample ID: MW-37_12092015
Collection Date: 12/9/2015 1230h
Received Date: 12/11/2015 1000h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	12/11/2015 1421h	12/15/2015 1008h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.000500	**0.000509**	
Calcium	mg/L	12/11/2015 1421h	12/15/2015 919h	E200.7	10.0	**489**	2
Chromium	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.0100	< 0.0100	
Copper	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.0100	< 0.0100	
Iron	mg/L	12/11/2015 1421h	12/15/2015 1008h	E200.8	0.0300	< 0.0300	
Lead	mg/L	12/11/2015 1421h	12/15/2015 1008h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	12/11/2015 1421h	12/15/2015 919h	E200.7	10.0	**130**	2
Manganese	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.0100	**0.0211**	
Mercury	mg/L	12/18/2015 1630h	12/21/2015 1136h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	12/11/2015 1421h	12/15/2015 1018h	E200.7	1.00	**14.6**	
Selenium	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.00500	**0.00593**	
Silver	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	12/11/2015 1421h	12/15/2015 919h	E200.7	10.0	**497**	2
Thallium	mg/L	12/11/2015 1421h	12/15/2015 1008h	E200.8	0.000500	**0.000851**	
Tin	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.100	< 0.100	
Uranium	mg/L	12/11/2015 1421h	12/15/2015 1027h	E200.8	0.000300	**0.0139**	
Vanadium	mg/L	12/11/2015 1421h	12/15/2015 1343h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	12/11/2015 1421h	12/15/2015 915h	E200.8	0.0100	**0.0330**	

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1512251-001
Client Sample ID: MW-37_12092015
Collection Date: 12/9/2015 1230h
Received Date: 12/11/2015 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	12/21/2015 1030h	12/22/2015 2007h	E350.1	0.0500	< 0.0500	[1]
Bicarbonate (as CaCO3)	mg/L		12/14/2015 737h	SM2320B	1.00	**196**	
Carbonate (as CaCO3)	mg/L		12/14/2015 737h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/15/2015 2057h	E300.0	10.0	**47.2**	
Fluoride	mg/L		12/15/2015 2329h	E300.0	0.100	**0.275**	
Ion Balance	%		12/15/2015 1156h	Calc.	-100	**-1.94**	
Nitrate/Nitrite (as N)	mg/L		12/18/2015 1045h	E353.2	0.0100	**0.185**	
Sulfate	mg/L		12/15/2015 1809h	E300.0	1,000	**2,600**	
Total Anions, Measured	meq/L		12/15/2015 1156h	Calc.		**59.4**	
Total Cations, Measured	meq/L		12/15/2015 1156h	Calc.		**57.1**	
Total Dissolved Solids	mg/L		12/11/2015 1305h	SM2540C	20.0	**3,910**	
Total Dissolved Solids Ratio, Measured/Calculated			12/15/2015 1156h	Calc.		**1.00**	
Total Dissolved Solids, Calculated	mg/L		12/15/2015 1156h	Calc.		**3,900**	

[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: 4th Quarter Groundwater 2015
Lab Sample ID: 1512251-001A
Client Sample ID: MW-37_12092015
Collection Date: 12/9/2015 1230h
Received Date: 12/11/2015 1000h

Test Code: 8260-W-DEN100

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

Analyzed: 12/14/2015 1353h
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	54.1	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.9	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.4	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	50.9	50.00	102	77-129	

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Certificate of Analysis

Report Date: January 13, 2016

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_12092015	Project:	DNMI00100
Sample ID:	387679002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	09-DEC-15 12:30		
Receive Date:	17-DEC-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	+/-0.311	0.885	1.00	pCi/L		AXM6	01/06/16	1232	1533807	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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-009
Client Sample ID: MW-65_11032015
Collection Date: 11/3/2015 1605h
Received Date: 11/5/2015 1040h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/6/2015 1142h	11/16/2015 1410h	E200.8	0.000500	< 0.000500	
Cadmium	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.000500	< 0.000500	
Calcium	mg/L	11/6/2015 1142h	11/17/2015 1155h	E200.7	50.0	**503**	
Chromium	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.0100	< 0.0100	
Copper	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.0100	< 0.0100	
Iron	mg/L	11/6/2015 1142h	11/16/2015 1410h	E200.8	0.0300	**0.0797**	
Lead	mg/L	11/6/2015 1142h	11/16/2015 1410h	E200.8	0.00100	< 0.00100	
Magnesium	mg/L	11/6/2015 1142h	11/17/2015 1155h	E200.7	50.0	**155**	
Manganese	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.0100	**0.203**	
Mercury	mg/L	11/10/2015 1630h	11/11/2015 1016h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.0100	< 0.0100	
Nickel	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.0200	< 0.0200	
Potassium	mg/L	11/6/2015 1142h	11/17/2015 1240h	E200.7	1.00	**11.3**	
Selenium	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.00500	**0.0105**	
Silver	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/6/2015 1142h	11/17/2015 1155h	E200.7	50.0	**367**	
Thallium	mg/L	11/6/2015 1142h	11/16/2015 1410h	E200.8	0.000500	< 0.000500	
Tin	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/6/2015 1142h	11/16/2015 1506h	E200.8	0.000300	**0.0231**	
Vanadium	mg/L	11/6/2015 1142h	11/17/2015 1240h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/6/2015 1142h	11/16/2015 1323h	E200.8	0.0100	< 0.0100	

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Jose Rocha
QA Officer

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-009
Client Sample ID: MW-65_11032015
Collection Date: 11/3/2015 1605h
Received Date: 11/5/2015 1040h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/15/2015 2000h	11/16/2015 1555h	E350.1	0.0500	< 0.0500	1
Bicarbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	**336**	
Carbonate (as CaCO3)	mg/L		11/6/2015 850h	SM2320B	1.00	< 1.00	
Chloride	mg/L		11/6/2015 121h	E300.0	10.0	**62.2**	
Fluoride	mg/L		11/6/2015 751h	E300.0	0.100	**0.317**	
Ion Balance	%		11/17/2015 1609h	Calc.	-100	**0.686**	
Nitrate/Nitrite (as N)	mg/L		11/10/2015 1015h	E353.2	0.100	< 0.100	
Sulfate	mg/L		11/5/2015 2142h	E300.0	1,000	**2,160**	
Total Anions, Measured	meq/L		11/17/2015 1609h	Calc.		**53.4**	
Total Cations, Measured	meq/L		11/17/2015 1609h	Calc.		**54.2**	
Total Dissolved Solids	mg/L		11/6/2015 1130h	SM2540C	20.0	**3,490**	
Total Dissolved Solids Ratio, Measured/Calculated			11/17/2015 1609h	Calc.		**1.01**	
Total Dissolved Solids, Calculated	mg/L		11/17/2015 1609h	Calc.		**3,460**	

[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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-009A
Client Sample ID: MW-65_11032015
Collection Date: 11/3/2015 1605h
Received Date: 11/5/2015 1040h

Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1711h
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	49.4	50.00	98.8	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.2	50.00	98.4	80-152	
Surr: Dibromofluoromethane	1868-53-7	47.2	50.00	94.4	80-124	
Surr: Toluene-d8	2037-26-5	48.8	50.00	97.6	77-129	

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Kyle F. Gross
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: December 17, 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_11032015	Project:	DNMI00100
Sample ID:	384936009	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	03-NOV-15 16:05		
Receive Date:	06-NOV-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		5.60	+/-0.618	0.912	1.00	pCi/L		AXM6	12/09/15	1415	1525821	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"			85	(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

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-008
Client Sample ID: MW-70_11172015
Collection Date: 11/17/2015 1430h
Received Date: 11/20/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Arsenic	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.00500	< 0.00500	
Beryllium	mg/L	11/20/2015 1403h	11/23/2015 1308h	E200.8	0.000500	**0.0150**	
Cadmium	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.000500	**0.192**	
Calcium	mg/L	11/20/2015 1403h	12/2/2015 1210h	E200.7	100	**450**	
Chromium	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.0250	< 0.0250	
Cobalt	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.0100	**0.555**	
Copper	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.0100	**0.122**	
Iron	mg/L	11/20/2015 1403h	11/23/2015 1308h	E200.8	0.0300	**0.189**	
Lead	mg/L	11/20/2015 1403h	11/23/2015 1308h	E200.8	0.00100	**0.00415**	
Magnesium	mg/L	11/20/2015 1403h	12/2/2015 1210h	E200.7	100	**1,270**	
Manganese	mg/L	11/20/2015 1403h	11/23/2015 1234h	E200.8	0.500	**52.4**	
Mercury	mg/L	12/3/2015 1700h	12/4/2015 1031h	E245.1	0.000500	< 0.000500	
Molybdenum	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.0100	**0.364**	
Nickel	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.0200	**0.323**	
Potassium	mg/L	11/20/2015 1403h	12/2/2015 1504h	E200.7	1.00	**22.5**	
Selenium	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.00500	**0.0141**	
Silver	mg/L	11/20/2015 1403h	11/23/2015 1206h	E200.8	0.0100	< 0.0100	
Sodium	mg/L	11/20/2015 1403h	12/2/2015 1210h	E200.7	100	**292**	
Thallium	mg/L	11/20/2015 1403h	11/23/2015 1308h	E200.8	0.000500	**0.00181**	
Tin	mg/L	11/20/2015 1403h	11/24/2015 1201h	E200.8	0.100	< 0.100	
Uranium	mg/L	11/20/2015 1403h	11/23/2015 1343h	E200.8	0.000300	**0.0273**	
Vanadium	mg/L	11/20/2015 1403h	12/2/2015 1504h	E200.7	0.0150	< 0.0150	
Zinc	mg/L	11/20/2015 1403h	11/24/2015 1201h	E200.8	0.0100	**1.56**	

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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: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-008
Client Sample ID: MW-70_11172015
Collection Date: 11/17/2015 1430h
Received Date: 11/20/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	11/23/2015 2030h	11/25/2015 1014h	E350.1	0.0500	**1.16**	
Bicarbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	**27.5**	
Carbonate (as CaCO3)	mg/L		11/23/2015 810h	SM2320B	1.00	< 1.00	
Chloride	mg/L		12/2/2015 2252h	E300.0	10.0	**55.0**	
Fluoride	mg/L		12/2/2015 2252h	E300.0	1.00	**12.1**	
Ion Balance	%		12/2/2015 1233h	Calc.	-100	**0.413**	
Nitrate/Nitrite (as N)	mg/L		11/30/2015 1712h	E353.2	1.00	**2.56**	
Sulfate	mg/L		12/2/2015 2004h	E300.0	1,000	**6,570**	
Total Anions, Measured	meq/L		12/2/2015 1233h	Calc.		**139**	
Total Cations, Measured	meq/L		12/2/2015 1233h	Calc.		**140**	
Total Dissolved Solids	mg/L		11/23/2015 1215h	SM2540C	50.0	**9,090**	
Total Dissolved Solids Ratio, Measured/Calculated			12/2/2015 1233h	Calc.		**1.05**	
Total Dissolved Solids, Calculated	mg/L		12/2/2015 1233h	Calc.		**8,680**	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-008A
Client Sample ID: MW-70_11172015
Collection Date: 11/17/2015 1430h
Received Date: 11/20/2015 1030h

Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1518h
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	50.2	50.00	100	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.4	50.00	96.7	80-152	
Surr: Dibromofluoromethane	1868-53-7	45.9	50.00	91.8	80-124	
Surr: Toluene-d8	2037-26-5	47.5	50.00	94.9	77-129	

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Certificate of Analysis

Report Date: December 21, 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_11172015	Project:	DNMI00100
Sample ID:	386241008	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	17-NOV-15 14:30		
Receive Date:	24-NOV-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		2.85	+/-0.397	0.610	1.00	pCi/L		AXM6	12/14/15	1459	1529196	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"			94.6	(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.

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QC Summary

Report Date: December 21, 2015

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

Contact: **Ms. Kathy Weinel**

Workorder: **386241**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gas Flow											
Batch 1529196											
QC1203448114 386241008 DUP											
Gross Radium Alpha		2.85		1.82	pCi/L	44		(0% - 100%)	AXM6	12/14/15	14:45
	Uncertainty	+/-0.397		+/-0.359							
QC1203448117 LCS											
Gross Radium Alpha	413			486	pCi/L		118	(75%-125%)		12/14/15	14:45
	Uncertainty			+/-5.84							
QC1203448113 MB											
Gross Radium Alpha			U	-0.149	pCi/L					12/14/15	14:59
	Uncertainty			+/-0.0827							
QC1203448115 386241008 MS											
Gross Radium Alpha	1670	2.85		1780	pCi/L		107	(75%-125%)		12/14/15	14:45
	Uncertainty	+/-0.397		+/-20.4							
QC1203448116 386241008 MSD											
Gross Radium Alpha	1670	2.85		1680	pCi/L	5.78	101	(0%-20%)		12/14/15	16:42
	Uncertainty	+/-0.397		+/-18.0							

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: 386241

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.

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511092-010A
Client Sample ID: Trip Blank
Collection Date: 11/3/2015
Received Date: 11/5/2015 1040h Test Code: 8260-W-DEN100

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

Analyzed: 11/5/2015 1730h
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	51.1	50.00	102	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.4	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	49.5	50.00	99.0	80-124	
Surr: Toluene-d8	2037-26-5	51.2	50.00	102	77-129	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511245-011A
Client Sample ID: Trip Blank
Collection Date: 11/9/2015
Received Date: 11/12/2015 1500h

Test Code: 8260-W-DEN100

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

Analyzed: 11/13/2015 630h
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	46.7	50.00	93.5	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.4	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	48.6	50.00	97.2	80-124	
Surr: Toluene-d8	2037-26-5	51.4	50.00	103	77-129	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1511403-009A
Client Sample ID: Trip Blank
Collection Date: 11/16/2015
Received Date: 11/20/2015 1030h

Test Code: 8260-W-DEN100

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

Analyzed: 11/23/2015 1538h
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	48.5	50.00	96.9	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	48.5	50.00	96.9	80-152	
Surr: Dibromofluoromethane	1868-53-7	45.2	50.00	90.5	80-124	
Surr: Toluene-d8	2037-26-5	46.9	50.00	93.9	77-129	

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Sample ID: 1512251-003A
Client Sample ID: Trip Blank
Collection Date: 12/9/2015
Received Date: 12/11/2015 1000h

Test Code: 8260-W-DEN100

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

Analyzed: 12/14/2015 1007h
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	52.2	50.00	104	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.0	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.4	50.00	103	80-124	
Surr: Toluene-d8	2037-26-5	50.1	50.00	100	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: 4th Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1511092

American West Analytical Laboratories received sample(s) on 11/5/2015 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, Wyoming, 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: 2015.11.30 13:36:46 -07'00'

Laboratory Director or designee

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SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Set ID: 1511092
Date Received: 11/5/2015 1040h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1511092-001A	MW-03_11032015	11/3/2015 1130h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-001B	MW-03_11032015	11/3/2015 1130h	Aqueous	Anions, E300.0
1511092-001B	MW-03_11032015	11/3/2015 1130h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-001C	MW-03_11032015	11/3/2015 1130h	Aqueous	Total Dissolved Solids, A2540C
1511092-001D	MW-03_11032015	11/3/2015 1130h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-001D	MW-03_11032015	11/3/2015 1130h	Aqueous	Ammonia, Aqueous
1511092-001E	MW-03_11032015	11/3/2015 1130h	Aqueous	Ion Balance
1511092-001E	MW-03_11032015	11/3/2015 1130h	Aqueous	ICP Metals, Dissolved
1511092-001E	MW-03_11032015	11/3/2015 1130h	Aqueous	ICPMS Metals, Dissolved
1511092-001E	MW-03_11032015	11/3/2015 1130h	Aqueous	Mercury, Drinking Water Dissolved
1511092-002A	MW-03A_11042015	11/4/2015 700h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-002B	MW-03A_11042015	11/4/2015 700h	Aqueous	Anions, E300.0
1511092-002B	MW-03A_11042015	11/4/2015 700h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-002C	MW-03A_11042015	11/4/2015 700h	Aqueous	Total Dissolved Solids, A2540C
1511092-002D	MW-03A_11042015	11/4/2015 700h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-002D	MW-03A_11042015	11/4/2015 700h	Aqueous	Ammonia, Aqueous
1511092-002E	MW-03A_11042015	11/4/2015 700h	Aqueous	Ion Balance
1511092-002E	MW-03A_11042015	11/4/2015 700h	Aqueous	ICP Metals, Dissolved
1511092-002E	MW-03A_11042015	11/4/2015 700h	Aqueous	ICPMS Metals, Dissolved
1511092-002E	MW-03A_11042015	11/4/2015 700h	Aqueous	Mercury, Drinking Water Dissolved
1511092-003A	MW-05_11042015	11/4/2015 1050h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-003B	MW-05_11042015	11/4/2015 1050h	Aqueous	Anions, E300.0
1511092-003B	MW-05_11042015	11/4/2015 1050h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-003C	MW-05_11042015	11/4/2015 1050h	Aqueous	Total Dissolved Solids, A2540C
1511092-003D	MW-05_11042015	11/4/2015 1050h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-003D	MW-05_11042015	11/4/2015 1050h	Aqueous	Ammonia, Aqueous
1511092-003E	MW-05_11042015	11/4/2015 1050h	Aqueous	Ion Balance
1511092-003E	MW-05_11042015	11/4/2015 1050h	Aqueous	ICP Metals, Dissolved
1511092-003E	MW-05_11042015	11/4/2015 1050h	Aqueous	ICPMS Metals, Dissolved

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Set ID: 1511092
Date Received: 11/5/2015 1040h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1511092-003E	MW-05_11042015	11/4/2015	1050h	Aqueous	Mercury, Drinking Water Dissolved
1511092-004A	MW-14_11032015	11/3/2015	1005h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-004B	MW-14_11032015	11/3/2015	1005h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-004B	MW-14_11032015	11/3/2015	1005h	Aqueous	Anions, E300.0
1511092-004C	MW-14_11032015	11/3/2015	1005h	Aqueous	Total Dissolved Solids, A2540C
1511092-004D	MW-14_11032015	11/3/2015	1005h	Aqueous	Ammonia, Aqueous
1511092-004D	MW-14_11032015	11/3/2015	1005h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-004E	MW-14_11032015	11/3/2015	1005h	Aqueous	Ion Balance
1511092-004E	MW-14_11032015	11/3/2015	1005h	Aqueous	ICP Metals, Dissolved
1511092-004E	MW-14_11032015	11/3/2015	1005h	Aqueous	ICPMS Metals, Dissolved
1511092-004E	MW-14_11032015	11/3/2015	1005h	Aqueous	Mercury, Drinking Water Dissolved
1511092-005A	MW-17_11042015	11/4/2015	1125h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-005B	MW-17_11042015	11/4/2015	1125h	Aqueous	Anions, E300.0
1511092-005B	MW-17_11042015	11/4/2015	1125h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-005C	MW-17_11042015	11/4/2015	1125h	Aqueous	Total Dissolved Solids, A2540C
1511092-005D	MW-17_11042015	11/4/2015	1125h	Aqueous	Ammonia, Aqueous
1511092-005D	MW-17_11042015	11/4/2015	1125h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-005E	MW-17_11042015	11/4/2015	1125h	Aqueous	Ion Balance
1511092-005E	MW-17_11042015	11/4/2015	1125h	Aqueous	ICP Metals, Dissolved
1511092-005E	MW-17_11042015	11/4/2015	1125h	Aqueous	ICPMS Metals, Dissolved
1511092-005E	MW-17_11042015	11/4/2015	1125h	Aqueous	Mercury, Drinking Water Dissolved
1511092-006A	MW-32_11032015	11/3/2015	1240h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-006B	MW-32_11032015	11/3/2015	1240h	Aqueous	Anions, E300.0
1511092-006B	MW-32_11032015	11/3/2015	1240h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-006C	MW-32_11032015	11/3/2015	1240h	Aqueous	Total Dissolved Solids, A2540C
1511092-006D	MW-32_11032015	11/3/2015	1240h	Aqueous	Ammonia, Aqueous
1511092-006D	MW-32_11032015	11/3/2015	1240h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-006E	MW-32_11032015	11/3/2015	1240h	Aqueous	Mercury, Drinking Water Dissolved
1511092-006E	MW-32_11032015	11/3/2015	1240h	Aqueous	ICPMS Metals, Dissolved
1511092-006E	MW-32_11032015	11/3/2015	1240h	Aqueous	Ion Balance

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Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Set ID: 1511092
Date Received: 11/5/2015 1040h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1511092-006E	MW-32_11032015	11/3/2015	1240h	Aqueous	ICP Metals, Dissolved
1511092-007A	MW-35_11032015	11/3/2015	1605h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-007B	MW-35_11032015	11/3/2015	1605h	Aqueous	Anions, E300.0
1511092-007B	MW-35_11032015	11/3/2015	1605h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-007C	MW-35_11032015	11/3/2015	1605h	Aqueous	Total Dissolved Solids, A2540C
1511092-007D	MW-35_11032015	11/3/2015	1605h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-007D	MW-35_11032015	11/3/2015	1605h	Aqueous	Ammonia, Aqueous
1511092-007E	MW-35_11032015	11/3/2015	1605h	Aqueous	ICP Metals, Dissolved
1511092-007E	MW-35_11032015	11/3/2015	1605h	Aqueous	ICPMS Metals, Dissolved
1511092-007E	MW-35_11032015	11/3/2015	1605h	Aqueous	Mercury, Drinking Water Dissolved
1511092-007E	MW-35_11032015	11/3/2015	1605h	Aqueous	Ion Balance
1511092-008A	MW-36_11032015	11/3/2015	1410h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-008B	MW-36_11032015	11/3/2015	1410h	Aqueous	Anions, E300.0
1511092-008B	MW-36_11032015	11/3/2015	1410h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-008C	MW-36_11032015	11/3/2015	1410h	Aqueous	Total Dissolved Solids, A2540C
1511092-008D	MW-36_11032015	11/3/2015	1410h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-008D	MW-36_11032015	11/3/2015	1410h	Aqueous	Ammonia, Aqueous
1511092-008E	MW-36_11032015	11/3/2015	1410h	Aqueous	ICPMS Metals, Dissolved
1511092-008E	MW-36_11032015	11/3/2015	1410h	Aqueous	Mercury, Drinking Water Dissolved
1511092-008E	MW-36_11032015	11/3/2015	1410h	Aqueous	ICP Metals, Dissolved
1511092-008E	MW-36_11032015	11/3/2015	1410h	Aqueous	Ion Balance
1511092-009A	MW-65_11032015	11/3/2015	1605h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511092-009B	MW-65_11032015	11/3/2015	1605h	Aqueous	Anions, E300.0
1511092-009B	MW-65_11032015	11/3/2015	1605h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511092-009C	MW-65_11032015	11/3/2015	1605h	Aqueous	Total Dissolved Solids, A2540C
1511092-009D	MW-65_11032015	11/3/2015	1605h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511092-009D	MW-65_11032015	11/3/2015	1605h	Aqueous	Ammonia, Aqueous
1511092-009E	MW-65_11032015	11/3/2015	1605h	Aqueous	Ion Balance
1511092-009E	MW-65_11032015	11/3/2015	1605h	Aqueous	ICP Metals, Dissolved
1511092-009E	MW-65_11032015	11/3/2015	1605h	Aqueous	ICPMS Metals, Dissolved
1511092-009E	MW-65_11032015	11/3/2015	1605h	Aqueous	Mercury, Drinking Water Dissolved

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Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Set ID: 1511092
Date Received: 11/5/2015 1040h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1511092-010A	Trip Blank	11/3/2015	Aqueous	VOA by GC/MS Method 8260C/5030C

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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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:	4th Quarter Groundwater 2015
Lab Set ID:	1511092

Sample Receipt Information:

Date of Receipt:	11/5/2015
Date(s) of Collection:	11/3 & 11/4/2015
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
1511092-001D	Ammonia	MS/MSD	Sample matrix interference
1511092-009D	Ammonia	MS/MSD	Sample matrix interference
1511380-001C	Ammonia	MS/MSD	Sample matrix interference
1511387-001C	Ammonia	MS/MSD	Sample matrix interference
1511092-008A	Nitrate/Nitrite	MS	Sample matrix interference
1511092-001E	Magnesium	MS	High analyte concentrations
1511092-001E	Silver	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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Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	4th Quarter Groundwater 2015
Lab Set ID:	1511092

3440 South 700 West
Salt Lake City, UT 84119

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	11/5/2015
Date(s) of Collection:	11/3 & 11/4/2015
Sample Condition:	Intact
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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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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-40117	Date Analyzed:	11/17/2015 1118h											
Test Code: 200.7-DIS	Date Prepared:	11/06/2015 1142h											
Calcium	9.58	mg/L	E200.7	0.0401	1.00	10.00	0	95.8	85 - 115				
Magnesium	9.84	mg/L	E200.7	0.0294	1.00	10.00	0	98.4	85 - 115				
Potassium	9.40	mg/L	E200.7	0.247	1.00	10.00	0	94.0	85 - 115				
Sodium	9.56	mg/L	E200.7	0.0330	1.00	10.00	0	95.6	85 - 115				
Vanadium	0.195	mg/L	E200.7	0.00116	0.00500	0.2000	0	97.3	85 - 115				
Lab Sample ID: LCS-40118	Date Analyzed:	11/16/2015 1233h											
Test Code: 200.8-DIS	Date Prepared:	11/06/2015 1142h											
Arsenic	0.205	mg/L	E200.8	0.0000920	0.00200	0.2000	0	103	85 - 115				
Beryllium	0.196	mg/L	E200.8	0.0000288	0.00200	0.2000	0	97.9	85 - 115				
Cadmium	0.192	mg/L	E200.8	0.000193	0.000500	0.2000	0	95.9	85 - 115				
Chromium	0.201	mg/L	E200.8	0.00154	0.00200	0.2000	0	100	85 - 115				
Cobalt	0.196	mg/L	E200.8	0.0000434	0.00400	0.2000	0	98.0	85 - 115				
Copper	0.200	mg/L	E200.8	0.000692	0.00200	0.2000	0	99.8	85 - 115				
Iron	0.987	mg/L	E200.8	0.0118	0.100	1.000	0	98.7	85 - 115				
Lead	0.193	mg/L	E200.8	0.000264	0.00200	0.2000	0	96.3	85 - 115				
Manganese	0.200	mg/L	E200.8	0.00153	0.00200	0.2000	0	99.8	85 - 115				
Molybdenum	0.195	mg/L	E200.8	0.000206	0.00200	0.2000	0	97.4	85 - 115				
Nickel	0.195	mg/L	E200.8	0.000754	0.00200	0.2000	0	97.5	85 - 115				
Selenium	0.196	mg/L	E200.8	0.0000634	0.00200	0.2000	0	98.2	85 - 115				
Thallium	0.190	mg/L	E200.8	0.0000242	0.00200	0.2000	0	94.8	85 - 115				
Tin	0.983	mg/L	E200.8	0.000348	0.00200	1.000	0	98.3	85 - 115				
Uranium	0.197	mg/L	E200.8	0.0000112	0.00200	0.2000	0	98.5	85 - 115				
Zinc	1.01	mg/L	E200.8	0.00476	0.00500	1.000	0	101	85 - 115				
Lab Sample ID: LCS-40118	Date Analyzed:	11/14/2015 115h											
Test Code: 200.8-DIS	Date Prepared:	11/06/2015 1142h											
Silver	0.183	mg/L	E200.8	0.0000244	0.00200	0.2000	0	91.7	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: 1511092
Project: 4th 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-40187**	Date Analyzed:	11/11/2015 949h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	11/10/2015 1630h											
Mercury		0.00346	mg/L	E245.1	0.00000892	0.000150	0.003330	0	104	85 - 115				

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Laboratory Director

Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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-40117	Date Analyzed:	11/17/2015 1115h											
Test Code: 200.7-DIS	Date Prepared:	11/06/2015 1142h											
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								
Lab Sample ID: MB-40118	Date Analyzed:	11/16/2015 1230h											
Test Code: 200.8-DIS	Date Prepared:	11/06/2015 1142h											
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								
Zinc	< 0.00500	mg/L	E200.8	0.00476	0.00500								
Lab Sample ID: MB-40118	Date Analyzed:	11/16/2015 1332h											
Test Code: 200.8-DIS	Date Prepared:	11/06/2015 1142h											
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: 1511092
Project: 4th 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-40118**	Date Analyzed:	11/16/2015 1438h											
Test Code:	200.8-DIS	Date Prepared:	11/06/2015 1142h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID:	**MB-40187**	Date Analyzed:	11/11/2015 947h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	11/10/2015 1630h											
Mercury		< 0.000150	mg/L	E245.1	0.00000892	0.000150								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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:	**1511092-001EMS**	Date Analyzed:	11/17/2015 1127h											
Test Code:	200.7-DIS	Date Prepared:	11/06/2015 1142h											
Calcium		448	mg/L	E200.7	2.00	50.0	10.00	440	73.0	70 - 130				
Magnesium		265	mg/L	E200.7	1.47	50.0	10.00	259	63.4	70 - 130				2
Sodium		714	mg/L	E200.7	1.65	50.0	10.00	705	88.2	70 - 130				
Lab Sample ID:	**1511092-001EMS**	Date Analyzed:	11/17/2015 1212h											
Test Code:	200.7-DIS	Date Prepared:	11/06/2015 1142h											
Potassium		36.0	mg/L	E200.7	0.247	1.00	10.00	25.7	102	70 - 130				
Vanadium		0.194	mg/L	E200.7	0.00116	0.00500	0.2000	0	97.1	70 - 130				
Lab Sample ID:	**1511092-001EMS**	Date Analyzed:	11/16/2015 1246h											
Test Code:	200.8-DIS	Date Prepared:	11/06/2015 1142h											
Arsenic		0.221	mg/L	E200.8	0.0000920	0.00200	0.2000	0.00188	110	75 - 125				
Beryllium		0.198	mg/L	E200.8	0.0000288	0.00200	0.2000	0.00184	98.0	75 - 125				
Cadmium		0.211	mg/L	E200.8	0.000193	0.000500	0.2000	0.0129	98.8	75 - 125				
Chromium		0.198	mg/L	E200.8	0.00154	0.00200	0.2000	0	99.2	75 - 125				
Cobalt		0.194	mg/L	E200.8	0.0000434	0.00400	0.2000	0.00303	95.3	75 - 125				
Copper		0.193	mg/L	E200.8	0.000692	0.00200	0.2000	0.00425	94.5	75 - 125				
Iron		0.964	mg/L	E200.8	0.0118	0.100	1.000	0	96.4	75 - 125				
Lead		0.187	mg/L	E200.8	0.000264	0.00200	0.2000	0	93.4	75 - 125				
Manganese		1.19	mg/L	E200.8	0.00153	0.00200	0.2000	1.02	85.4	75 - 125				
Molybdenum		0.217	mg/L	E200.8	0.000206	0.00200	0.2000	0.000253	108	75 - 125				
Nickel		0.276	mg/L	E200.8	0.000754	0.00200	0.2000	0.0869	94.4	75 - 125				
Selenium		0.280	mg/L	E200.8	0.0000634	0.00200	0.2000	0.076	102	75 - 125				
Silver		0.143	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000403	71.5	75 - 125				1
Thallium		0.186	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00161	92.3	75 - 125				
Tin		1.06	mg/L	E200.8	0.000348	0.00200	1.000	0	106	75 - 125				
Uranium		0.211	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0129	98.9	75 - 125				
Zinc		1.26	mg/L	E200.8	0.00476	0.00500	1.000	0.275	98.3	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: 1511092
Project: 4th 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:	**1511092-001EMS**	Date Analyzed:	11/11/2015 956h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	11/10/2015 1630h											
Mercury		0.00349	mg/L	E245.1	0.00000892	0.000150	0.003330	0	105	85 - 115				

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

[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: 1511092
Project: 4th 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:	**1511092-001EMSD**	Date Analyzed:	11/17/2015 1129h											
Test Code:	200.7-DIS	Date Prepared:	11/06/2015 1142h											
Calcium		451	mg/L	E200.7	2.00	50.0	10.00	440	105	70 - 130	448	0.704	20	
Magnesium		266	mg/L	E200.7	1.47	50.0	10.00	259	75.9	70 - 130	265	0.472	20	
Sodium		716	mg/L	E200.7	1.65	50.0	10.00	705	107	70 - 130	714	0.260	20	
Lab Sample ID:	**1511092-001EMSD**	Date Analyzed:	11/17/2015 1214h											
Test Code:	200.7-DIS	Date Prepared:	11/06/2015 1142h											
Potassium		35.4	mg/L	E200.7	0.247	1.00	10.00	25.7	96.5	70 - 130	36	1.65	20	
Vanadium		0.203	mg/L	E200.7	0.00116	0.00500	0.2000	0	101	70 - 130	0.194	4.32	20	
Lab Sample ID:	**1511092-001EMSD**	Date Analyzed:	11/16/2015 1249h											
Test Code:	200.8-DIS	Date Prepared:	11/06/2015 1142h											
Arsenic		0.225	mg/L	E200.8	0.0000920	0.00200	0.2000	0.00188	111	75 - 125	0.221	1.53	20	
Beryllium		0.198	mg/L	E200.8	0.0000288	0.00200	0.2000	0.00184	98.1	75 - 125	0.198	0.107	20	
Cadmium		0.213	mg/L	E200.8	0.000193	0.000500	0.2000	0.0129	100	75 - 125	0.211	1.34	20	
Chromium		0.200	mg/L	E200.8	0.00154	0.00200	0.2000	0	100	75 - 125	0.198	1.00	20	
Cobalt		0.196	mg/L	E200.8	0.0000434	0.00400	0.2000	0.00303	96.6	75 - 125	0.194	1.32	20	
Copper		0.196	mg/L	E200.8	0.000692	0.00200	0.2000	0.00425	95.8	75 - 125	0.193	1.38	20	
Iron		0.977	mg/L	E200.8	0.0118	0.100	1.000	0	97.7	75 - 125	0.964	1.26	20	
Lead		0.189	mg/L	E200.8	0.000264	0.00200	0.2000	0	94.6	75 - 125	0.187	1.24	20	
Manganese		1.18	mg/L	E200.8	0.00153	0.00200	0.2000	1.02	80.7	75 - 125	1.19	0.790	20	
Molybdenum		0.219	mg/L	E200.8	0.000206	0.00200	0.2000	0.000253	109	75 - 125	0.217	0.891	20	
Nickel		0.278	mg/L	E200.8	0.000754	0.00200	0.2000	0.0869	95.5	75 - 125	0.276	0.828	20	
Selenium		0.279	mg/L	E200.8	0.0000634	0.00200	0.2000	0.076	102	75 - 125	0.28	0.0717	20	
Silver		0.163	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000403	81.6	75 - 125	0.143	13.2	20	
Thallium		0.189	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00161	93.9	75 - 125	0.186	1.65	20	
Tin		1.07	mg/L	E200.8	0.000348	0.00200	1.000	0	107	75 - 125	1.06	0.726	20	
Uranium		0.213	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0129	100	75 - 125	0.211	1.05	20	
Zinc		1.27	mg/L	E200.8	0.00476	0.00500	1.000	0.275	99.9	75 - 125	1.26	1.26	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: 1511092
Project: 4th 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:	**1511092-001EMSD**	Date Analyzed:	11/11/2015 958h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	11/10/2015 1630h											
Mercury		0.00350	mg/L	E245.1	0.00000892	0.000150	0.003330	0	105	85 - 115	0.00349	0.286	20	

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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: 1511092-001CDUP Date Analyzed: 11/06/2015 1130h Test Code: TDS-W-2540C													
Total Dissolved Solids	5,060	mg/L	SM2540C	12.3	20.0					4840	4.44	5	

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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-R84823 Date Analyzed: 11/05/2015 1803h													
Test Code: 300.0-W													
Chloride	4.75	mg/L	E300.0	0.00751	0.100	5.000	0	95.1	90 - 110				
Fluoride	4.83	mg/L	E300.0	0.00681	0.100	5.000	0	96.6	90 - 110				
Sulfate	4.84	mg/L	E300.0	0.0211	0.750	5.000	0	96.7	90 - 110				
Lab Sample ID: LCS-R84825 Date Analyzed: 11/06/2015 850h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	49,900	mg/L	SM2320B	0.504	1.00	50,000	0	99.7	90 - 110				
Lab Sample ID: LCS-40196 Date Analyzed: 11/12/2015 920h													
Test Code: NH3-W-350.1 Date Prepared: 11/11/2015 900h													
Ammonia (as N)	9.94	mg/L	E350.1	0.0226	0.0500	10.00	0	99.4	90 - 110				
Lab Sample ID: LCS-40280 Date Analyzed: 11/16/2015 1551h													
Test Code: NH3-W-350.1 Date Prepared: 11/15/2015 2000h													
Ammonia (as N)	10.9	mg/L	E350.1	0.0226	0.0500	10.00	0	109	90 - 110				
Lab Sample ID: LCS-40385 Date Analyzed: 11/20/2015 1818h													
Test Code: NH3-W-350.1 Date Prepared: 11/20/2015 1130h													
Ammonia (as N)	9.84	mg/L	E350.1	0.0226	0.0500	10.00	0	98.4	90 - 110				
Lab Sample ID: LCS-R84852 Date Analyzed: 11/07/2015 1827h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.949	mg/L	E353.2	0.00833	0.0100	1.000	0	94.9	90 - 110				
Lab Sample ID: LCS-84923 Date Analyzed: 11/10/2015 954h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.971	mg/L	E353.2	0.00833	0.0100	1.000	0	97.1	90 - 110				

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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-R84889 Date Analyzed: 11/06/2015 1130h Test Code: TDS-W-2540C													
Total Dissolved Solids	212	mg/L	SM2540C	6.13	10.0	205.0	0	103	80 - 120				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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-R84823	Date Analyzed:	11/05/2015 1746h											
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-R84825	Date Analyzed:	11/06/2015 850h											
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-40196	Date Analyzed:	11/12/2015 919h											
Test Code: NH3-W-350.1	Date Prepared:	11/11/2015 900h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-40280	Date Analyzed:	11/16/2015 1550h											
Test Code: NH3-W-350.1	Date Prepared:	11/15/2015 2000h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-40385	Date Analyzed:	11/20/2015 1817h											
Test Code: NH3-W-350.1	Date Prepared:	11/20/2015 1130h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R84852	Date Analyzed:	11/07/2015 1826h											
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-R84923	Date Analyzed:	11/10/2015 953h											
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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-R84889 Date Analyzed: 11/06/2015 1130h 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: 1511092
Project: 4th 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: 1511092-001BMS Date Analyzed: 11/05/2015 1836h													
Test Code: 300.0-W													
Chloride	9,650	mg/L	E300.0	15.0	200	10,000	62.4	95.8	90 - 110				
Fluoride	9,710	mg/L	E300.0	13.6	200	10,000	0	97.1	90 - 110				
Sulfate	13,200	mg/L	E300.0	42.2	1,500	10,000	3360	98.2	90 - 110				
Lab Sample ID: 1511092-002BMS Date Analyzed: 11/05/2015 2232h													
Test Code: 300.0-W													
Chloride	155	mg/L	E300.0	0.150	2.00	100.0	59.5	95.1	90 - 110				
Fluoride	97.2	mg/L	E300.0	0.136	2.00	100.0	0.996	96.2	90 - 110				
Lab Sample ID: 1511092-001BMS Date Analyzed: 11/06/2015 850h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	231	mg/L	SM2320B	0.504	1.00	50.00	183	96.4	80 - 120				
Lab Sample ID: 1511092-001DMS Date Analyzed: 11/12/2015 949h													
Test Code: NH3-W-350.1 Date Prepared: 11/11/2015 900h													
Ammonia (as N)	16.1	mg/L	E350.1	0.0226	0.0500	10.00	0.0469	161	90 - 110				I
Lab Sample ID: 1511092-009DMS Date Analyzed: 11/16/2015 1556h													
Test Code: NH3-W-350.1 Date Prepared: 11/15/2015 2000h													
Ammonia (as N)	16.0	mg/L	E350.1	0.0226	0.0500	10.00	0	160	90 - 110				I
Lab Sample ID: 1511380-001CMS Date Analyzed: 11/20/2015 1825h													
Test Code: NH3-W-350.1 Date Prepared: 11/20/2015 1130h													
Ammonia (as N)	14.8	mg/L	E350.1	0.0226	0.0500	10.00	0.757	140	90 - 110				I
Lab Sample ID: 1511387-001CMS Date Analyzed: 11/20/2015 1834h													
Test Code: NH3-W-350.1 Date Prepared: 11/20/2015 1130h													
Ammonia (as N)	13.9	mg/L	E350.1	0.0226	0.0500	10.00	0.195	137	90 - 110				I

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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: 1511092-008AMS Date Analyzed: 11/07/2015 1840h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.904	mg/L	E353.2	0.00833	0.0100	1.000	0.0299	87.4	90 - 110				'
Lab Sample ID: 1511092-009DMS Date Analyzed: 11/10/2015 1010h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	9.88	mg/L	E353.2	0.0833	0.100	10.00	0	98.8	90 - 110				

' - 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: 1511092
Project: 4th 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: 1511092-001BMSD Date Analyzed: 11/05/2015 1853h													
Test Code: 300.0-W													
Chloride	9,750	mg/L	E300.0	15.0	200	10,000	62.4	96.9	90 - 110	9650	1.08	20	
Fluoride	9,800	mg/L	E300.0	13.6	200	10,000	0	98.0	90 - 110	9710	0.971	20	
Sulfate	13,200	mg/L	E300.0	42.2	1,500	10,000	3360	98.6	90 - 110	13200	0.327	20	
Lab Sample ID: 1511092-002BMSD Date Analyzed: 11/05/2015 2249h													
Test Code: 300.0-W													
Chloride	154	mg/L	E300.0	0.150	2.00	100.0	59.5	94.9	90 - 110	155	0.150	20	
Fluoride	96.9	mg/L	E300.0	0.136	2.00	100.0	0.996	95.9	90 - 110	97.2	0.368	20	
Lab Sample ID: 1511092-001BMSD Date Analyzed: 11/06/2015 850h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	230	mg/L	SM2320B	0.504	1.00	50.00	183	94.6	80 - 120	231	0.391	10	
Lab Sample ID: 1511092-001DMSD Date Analyzed: 11/12/2015 950h													
Test Code: NH3-W-350.1 Date Prepared: 11/11/2015 900h													
Ammonia (as N)	16.2	mg/L	E350.1	0.0226	0.0500	10.00	0.0469	161	90 - 110	16.1	0.371	10	I
Lab Sample ID: 1511092-009DMSD Date Analyzed: 11/16/2015 1557h													
Test Code: NH3-W-350.1 Date Prepared: 11/15/2015 2000h													
Ammonia (as N)	15.9	mg/L	E350.1	0.0226	0.0500	10.00	0	159	90 - 110	16	0.251	10	I
Lab Sample ID: 1511380-001CMSD Date Analyzed: 11/20/2015 1832h													
Test Code: NH3-W-350.1 Date Prepared: 11/20/2015 1130h													
Ammonia (as N)	14.6	mg/L	E350.1	0.0226	0.0500	10.00	0.757	138	90 - 110	14.8	1.70	10	I
Lab Sample ID: 1511387-001CMSD Date Analyzed: 11/20/2015 1835h													
Test Code: NH3-W-350.1 Date Prepared: 11/20/2015 1130h													
Ammonia (as N)	14.1	mg/L	E350.1	0.0226	0.0500	10.00	0.195	139	90 - 110	13.9	1.93	10	I

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511092
Project: 4th 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: 1511092-008AMSD Date Analyzed: 11/07/2015 1841h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.974	mg/L	E353.2	0.00833	0.0100	1.000	0.0299	94.4	90 - 110	0.904	7.51	10	
Lab Sample ID: 1511092-009DMSD Date Analyzed: 11/10/2015 1011h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	9.69	mg/L	E353.2	0.0833	0.100	10.00	0	96.9	90 - 110	9.88	1.98	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: 1511092
Project: 4th 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 110515A Date Analyzed: 11/05/2015 1011h													
Test Code: 8260-W-DEN100													
Benzene	23.4	µg/L	SW8260C	0.270	1.00	20.00	0	117	62 - 127				
Chloroform	22.0	µg/L	SW8260C	0.153	1.00	20.00	0	110	67 - 132				
Methylene chloride	23.9	µg/L	SW8260C	0.172	1.00	20.00	0	120	32 - 185				
Naphthalene	23.0	µg/L	SW8260C	0.587	1.00	20.00	0	115	28 - 136				
Tetrahydrofuran	19.0	µg/L	SW8260C	0.516	1.00	20.00	0	94.9	43 - 146				
Toluene	22.8	µg/L	SW8260C	0.183	1.00	20.00	0	114	64 - 129				
Xylenes, Total	69.7	µg/L	SW8260C	0.857	1.00	60.00	0	116	52 - 134				
Surr: 1,2-Dichloroethane-d4	50.1	µg/L	SW8260C			50.00		100	76 - 138				
Surr: 4-Bromofluorobenzene	48.4	µg/L	SW8260C			50.00		96.7	80 - 152				
Surr: Dibromofluoromethane	50.8	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	50.2	µg/L	SW8260C			50.00		100	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: 1511092
Project: 4th 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 110515A Date Analyzed: 11/05/2015 1050h													
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	49.9	µg/L	SW8260C			50.00		99.7	76 - 138				
Surr: 4-Bromofluorobenzene	51.4	µg/L	SW8260C			50.00		103	80 - 152				
Surr: Dibromofluoromethane	49.3	µg/L	SW8260C			50.00		98.7	67 - 128				
Surr: Toluene-d8	51.0	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: 1511092
Project: 4th 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: 1511092-001AMS Date Analyzed: 11/05/2015 1750h													
Test Code: 8260-W-DEN100													
Benzene	22.7	µg/L	SW8260C	0.270	1.00	20.00	0	114	66 - 145				
Chloroform	21.2	µg/L	SW8260C	0.153	1.00	20.00	0	106	50 - 146				
Methylene chloride	23.2	µg/L	SW8260C	0.172	1.00	20.00	0	116	30 - 192				
Naphthalene	18.2	µg/L	SW8260C	0.587	1.00	20.00	0	90.8	41 - 131				
Tetrahydrofuran	18.9	µg/L	SW8260C	0.516	1.00	20.00	0	94.6	43 - 146				
Toluene	22.2	µg/L	SW8260C	0.183	1.00	20.00	0	111	18 - 192				
Xylenes, Total	65.8	µg/L	SW8260C	0.857	1.00	60.00	0	110	42 - 167				
Surr: 1,2-Dichloroethane-d4	51.4	µg/L	SW8260C			50.00		103	72 - 151				
Surr: 4-Bromofluorobenzene	49.4	µg/L	SW8260C			50.00		98.9	80 - 152				
Surr: Dibromofluoromethane	50.0	µg/L	SW8260C			50.00		100	80 - 124				
Surr: Toluene-d8	50.1	µg/L	SW8260C			50.00		100	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: 1511092
Project: 4th 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: 1511092-001AMSD Date Analyzed: 11/05/2015 1809h													
Test Code: 8260-W-DEN100													
Benzene	23.0	µg/L	SW8260C	0.270	1.00	20.00	0	115	66 - 145	22.7	1.53	25	
Chloroform	21.5	µg/L	SW8260C	0.153	1.00	20.00	0	108	50 - 146	21.2	1.59	25	
Methylene chloride	23.3	µg/L	SW8260C	0.172	1.00	20.00	0	117	30 - 192	23.2	0.774	25	
Naphthalene	18.8	µg/L	SW8260C	0.587	1.00	20.00	0	94.2	41 - 131	18.2	3.62	25	
Tetrahydrofuran	19.3	µg/L	SW8260C	0.516	1.00	20.00	0	96.5	43 - 146	18.9	1.94	25	
Toluene	21.9	µg/L	SW8260C	0.183	1.00	20.00	0	109	18 - 192	22.2	1.32	25	
Xylenes, Total	65.1	µg/L	SW8260C	0.857	1.00	60.00	0	108	42 - 167	65.8	1.05	25	
Surr: 1,2-Dichloroethane-d4	51.2	µg/L	SW8260C			50.00		102	72 - 151				
Surr: 4-Bromofluorobenzene	49.6	µg/L	SW8260C			50.00		99.2	80 - 152				
Surr: Dibromofluoromethane	50.3	µg/L	SW8260C			50.00		101	80 - 124				
Surr: Toluene-d8	49.0	µg/L	SW8260C			50.00		98.1	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1511092**

Client: Energy Fuels Resources, Inc. Due Date: 11/19/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **4th 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. Samples for metals were field filtered.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511092-001A	**MW-03_11032015**	11/3/2015 1130h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-001B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511092-001C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511092-001D				**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				
1511092-001E				**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				
1511092-002A	**MW-03A_11042015**	11/4/2015 0700h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-002B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				

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WORK ORDER Summary

Work Order: **1511092**

Client: Energy Fuels Resources, Inc. Due Date: 11/19/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511092-002C	**MW-03A_11042015**	11/4/2015 0700h	11/5/2015 1040h	**TDS-W-2540C**	Aqueous		ww - tds	1
				1 SEL Analytes: TDS				
1511092-002D				**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				
1511092-002E				**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				
1511092-003A	**MW-05_11042015**	11/4/2015 1050h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-003B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511092-003C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511092-003D				**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				
1511092-003E				**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	

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WORK ORDER Summary

Work Order: **1511092**

Client: Energy Fuels Resources, Inc. Due Date: 11/19/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511092-003E	**MW-05_11042015**	11/4/2015 1050h	11/5/2015 1040h	**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				
1511092-004A	**MW-14_11032015**	11/3/2015 1005h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-004B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511092-004C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511092-004D				**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				
1511092-004E				**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				
1511092-005A	**MW-17_11042015**	11/4/2015 1125h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-005B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511092-005C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				

WORK ORDER Summary

Work Order: **1511092**

Client: Energy Fuels Resources, Inc. Due Date: 11/19/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511092-005D	**MW-17_11042015**	11/4/2015 1125h	11/5/2015 1040h	**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				
1511092-005E				**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				
1511092-006A	**MW-32_11032015**	11/3/2015 1240h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-006B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511092-006C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511092-006D				**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				
1511092-006E				**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: **1511092**

Client: Energy Fuels Resources, Inc. Due Date: 11/19/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511092-006E	**MW-32_11032015**	11/3/2015 1240h	11/5/2015 1040h	**HG-DW-DIS-PR**	Aqueous		df-met	1
				IONBALANCE			df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1511092-007A	**MW-35_11032015**	11/3/2015 1605h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-007B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511092-007C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511092-007D				**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				
1511092-007E				**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				
1511092-008A	**MW-36_11032015**	11/3/2015 1410h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-008B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511092-008C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511092-008D				**NH3-W-350.1**			df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR			df - no2/no3 & nh3	

WORK ORDER Summary

Work Order: **1511092**

Client: Energy Fuels Resources, Inc. Due Date: 11/19/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511092-008D	**MW-36_11032015**	11/3/2015 1410h	11/5/2015 1040h	**NO2/NO3-W-353.2**	Aqueous		df - no2/no3 & nh3	1
				1 SEL Analytes: NO3NO2N				
1511092-008E				**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				
1511092-009A	**MW-65_11032015**	11/3/2015 1605h	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511092-009B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511092-009C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511092-009D				**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				
1511092-009E				**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				

Printed: 11/5/2015 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☐ RT ☐ CN ☐ TAT ☐ QC ☐ HOK_____ HOK_____ HOK_____ COC Emailed_____

WORK ORDER Summary

Work Order: **1511092**

Client: Energy Fuels Resources, Inc. Due Date: 11/19/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511092-010A	**Trip Blank**	11/3/2015	11/5/2015 1040h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				

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CHAIN OF CUSTODY

151092
AWAL Lab Sample Set #
Page 1 of 1

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **4TH 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-03_11032015	11/3/2015	1130	7	w	x	x	x	x	x	x	x	x	x	x	
2	MW-03A_11042015	11/4/2015	700	7	w	x	x	x	x	x	x	x	x	x	x	
3	MW-05_11042015	11/4/2015	1050	7	w	x	x	x	x	x	x	x	x	x	x	
4	MW-14_11032015	11/3/2015	1005	7	w	x	x	x	x	x	x	x	x	x	x	
5	MW-17_11042015	11/4/2015	1125	7	w	x	x	x	x	x	x	x	x	x	x	
6	MW-32_11032015	11/3/2015	1240	7	w	x	x	x	x	x	x	x	x	x	x	
7	MW-35_11032015	11/3/2015	1605	7	w	x	x	x	x	x	x	x	x	x	x	
8	MW-36_11032015	11/3/2015	1410	7	w	x	x	x	x	x	x	x	x	x	x	
9	MW-65_11032015	11/3/2015	1605	7	w	x	x	x	x	x	x	x	x	x	x	
10	TRIP BLANK	11/3/2015		3	W										x	
11	TEMP BLANK	11/4/2015		1	W											
12																

Laboratory Use Only

Samples Were: UPS
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 0-7 °C
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
Checked at bench Y N
6 Received Within Holding Times Y N

COC Tape Was:
1 Present on Outer Package Y N NA
2 Unbroken on Outer Package Y N NA
3 Present on Sample Y N NA
4 Unbroken on Sample Y N NA

Discrepancies Between Sample Labels and COC Record? Y N

Relinquished by: Signature	Date:	Received by: Signature	Date:
Print Name: Tanner Holliday	Time: 1230	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature	Date: 11/5/15
Print Name:	Time:	Print Name: Elaine Hayes	Time: 1040
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: 1511092

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8	9									
Ammonia	pH <2 H_2SO_4	Yes	Yes	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	Yes	Yes									
NO_2 & NO_3	pH <2 H_2SO_4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes									
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_4																		

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved.

▲ The sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix.

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference.

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Laboratory Director

Jose Rocha
QA Officer

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 4th Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1511245

American West Analytical Laboratories received sample(s) on 11/12/2015 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, Wyoming, 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 Date: 2015.12.04 09:23:02 -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: 4th Quarter Groundwater 2015
Lab Set ID: 1511245
Date Received: 11/12/2015 1500h

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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
1511245-001A	MW-18_11092015	11/9/2015 1405h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-001B	MW-18_11092015	11/9/2015 1405h	Aqueous	Anions, E300.0
1511245-001B	MW-18_11092015	11/9/2015 1405h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-001C	MW-18_11092015	11/9/2015 1405h	Aqueous	Total Dissolved Solids, A2540C
1511245-001D	MW-18_11092015	11/9/2015 1405h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-001D	MW-18_11092015	11/9/2015 1405h	Aqueous	Ammonia, Aqueous
1511245-001E	MW-18_11092015	11/9/2015 1405h	Aqueous	Ion Balance
1511245-001E	MW-18_11092015	11/9/2015 1405h	Aqueous	ICP Metals, Dissolved
1511245-001E	MW-18_11092015	11/9/2015 1405h	Aqueous	ICPMS Metals, Dissolved
1511245-001E	MW-18_11092015	11/9/2015 1405h	Aqueous	Mercury, Drinking Water Dissolved
1511245-002A	MW-19_11102015	11/10/2015 1530h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-002B	MW-19_11102015	11/10/2015 1530h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-002B	MW-19_11102015	11/10/2015 1530h	Aqueous	Anions, E300.0
1511245-002C	MW-19_11102015	11/10/2015 1530h	Aqueous	Total Dissolved Solids, A2540C
1511245-002D	MW-19_11102015	11/10/2015 1530h	Aqueous	Ammonia, Aqueous
1511245-002D	MW-19_11102015	11/10/2015 1530h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-002E	MW-19_11102015	11/10/2015 1530h	Aqueous	Mercury, Drinking Water Dissolved
1511245-002E	MW-19_11102015	11/10/2015 1530h	Aqueous	ICPMS Metals, Dissolved
1511245-002E	MW-19_11102015	11/10/2015 1530h	Aqueous	ICP Metals, Dissolved
1511245-002E	MW-19_11102015	11/10/2015 1530h	Aqueous	Ion Balance
1511245-003A	MW-27_11102015	11/10/2015 1050h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-003B	MW-27_11102015	11/10/2015 1050h	Aqueous	Anions, E300.0
1511245-003B	MW-27_11102015	11/10/2015 1050h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-003C	MW-27_11102015	11/10/2015 1050h	Aqueous	Total Dissolved Solids, A2540C
1511245-003D	MW-27_11102015	11/10/2015 1050h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-003D	MW-27_11102015	11/10/2015 1050h	Aqueous	Ammonia, Aqueous
1511245-003E	MW-27_11102015	11/10/2015 1050h	Aqueous	Ion Balance
1511245-003E	MW-27_11102015	11/10/2015 1050h	Aqueous	Mercury, Drinking Water Dissolved
1511245-003E	MW-27_11102015	11/10/2015 1050h	Aqueous	ICP Metals, Dissolved

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Set ID: 1511245
Date Received: 11/12/2015 1500h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1511245-003E	MW-27_11102015	11/10/2015 1050h	Aqueous	ICPMS Metals, Dissolved
1511245-004A	MW-28_11102015	11/10/2015 1455h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-004B	MW-28_11102015	11/10/2015 1455h	Aqueous	Anions, E300.0
1511245-004B	MW-28_11102015	11/10/2015 1455h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-004C	MW-28_11102015	11/10/2015 1455h	Aqueous	Total Dissolved Solids, A2540C
1511245-004D	MW-28_11102015	11/10/2015 1455h	Aqueous	Ammonia, Aqueous
1511245-004D	MW-28_11102015	11/10/2015 1455h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-004E	MW-28_11102015	11/10/2015 1455h	Aqueous	Ion Balance
1511245-004E	MW-28_11102015	11/10/2015 1455h	Aqueous	ICP Metals, Dissolved
1511245-004E	MW-28_11102015	11/10/2015 1455h	Aqueous	ICPMS Metals, Dissolved
1511245-004E	MW-28_11102015	11/10/2015 1455h	Aqueous	Mercury, Drinking Water Dissolved
1511245-005A	MW-30_11112015	11/11/2015 1345h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-005B	MW-30_11112015	11/11/2015 1345h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-005B	MW-30_11112015	11/11/2015 1345h	Aqueous	Anions, E300.0
1511245-005C	MW-30_11112015	11/11/2015 1345h	Aqueous	Total Dissolved Solids, A2540C
1511245-005D	MW-30_11112015	11/11/2015 1345h	Aqueous	Ammonia, Aqueous
1511245-005D	MW-30_11112015	11/11/2015 1345h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-005E	MW-30_11112015	11/11/2015 1345h	Aqueous	Ion Balance
1511245-005E	MW-30_11112015	11/11/2015 1345h	Aqueous	ICP Metals, Dissolved
1511245-005E	MW-30_11112015	11/11/2015 1345h	Aqueous	ICPMS Metals, Dissolved
1511245-005E	MW-30_11112015	11/11/2015 1345h	Aqueous	Mercury, Drinking Water Dissolved
1511245-006A	MW-31_11092015	11/9/2015 1340h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-006B	MW-31_11092015	11/9/2015 1340h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-006B	MW-31_11092015	11/9/2015 1340h	Aqueous	Anions, E300.0
1511245-006C	MW-31_11092015	11/9/2015 1340h	Aqueous	Total Dissolved Solids, A2540C
1511245-006D	MW-31_11092015	11/9/2015 1340h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-006D	MW-31_11092015	11/9/2015 1340h	Aqueous	Ammonia, Aqueous
1511245-006E	MW-31_11092015	11/9/2015 1340h	Aqueous	ICP Metals, Dissolved
1511245-006E	MW-31_11092015	11/9/2015 1340h	Aqueous	ICPMS Metals, Dissolved
1511245-006E	MW-31_11092015	11/9/2015 1340h	Aqueous	Ion Balance
1511245-006E	MW-31_11092015	11/9/2015 1340h	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: 4th Quarter Groundwater 2015
Lab Set ID: 1511245
Date Received: 11/12/2015 1500h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1511245-007A	MW-01_11112015	11/11/2015 955h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-007B	MW-01_11112015	11/11/2015 955h	Aqueous	Anions, E300.0
1511245-007B	MW-01_11112015	11/11/2015 955h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-007C	MW-01_11112015	11/11/2015 955h	Aqueous	Total Dissolved Solids, A2540C
1511245-007D	MW-01_11112015	11/11/2015 955h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-007D	MW-01_11112015	11/11/2015 955h	Aqueous	Ammonia, Aqueous
1511245-007E	MW-01_11112015	11/11/2015 955h	Aqueous	Mercury, Drinking Water Dissolved
1511245-007E	MW-01_11112015	11/11/2015 955h	Aqueous	ICPMS Metals, Dissolved
1511245-007E	MW-01_11112015	11/11/2015 955h	Aqueous	ICP Metals, Dissolved
1511245-007E	MW-01_11112015	11/11/2015 955h	Aqueous	Ion Balance
1511245-008A	MW-11_11112015	11/11/2015 1525h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-008B	MW-11_11112015	11/11/2015 1525h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-008B	MW-11_11112015	11/11/2015 1525h	Aqueous	Anions, E300.0
1511245-008C	MW-11_11112015	11/11/2015 1525h	Aqueous	Total Dissolved Solids, A2540C
1511245-008D	MW-11_11112015	11/11/2015 1525h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-008D	MW-11_11112015	11/11/2015 1525h	Aqueous	Ammonia, Aqueous
1511245-008E	MW-11_11112015	11/11/2015 1525h	Aqueous	Ion Balance
1511245-008E	MW-11_11112015	11/11/2015 1525h	Aqueous	ICP Metals, Dissolved
1511245-008E	MW-11_11112015	11/11/2015 1525h	Aqueous	ICPMS Metals, Dissolved
1511245-008E	MW-11_11112015	11/11/2015 1525h	Aqueous	Mercury, Drinking Water Dissolved
1511245-009A	MW-25_11112015	11/11/2015 1040h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-009B	MW-25_11112015	11/11/2015 1040h	Aqueous	Anions, E300.0
1511245-009B	MW-25_11112015	11/11/2015 1040h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-009C	MW-25_11112015	11/11/2015 1040h	Aqueous	Total Dissolved Solids, A2540C
1511245-009D	MW-25_11112015	11/11/2015 1040h	Aqueous	Ammonia, Aqueous
1511245-009D	MW-25_11112015	11/11/2015 1040h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-009E	MW-25_11112015	11/11/2015 1040h	Aqueous	Ion Balance
1511245-009E	MW-25_11112015	11/11/2015 1040h	Aqueous	ICP Metals, Dissolved
1511245-009E	MW-25_11112015	11/11/2015 1040h	Aqueous	ICPMS Metals, Dissolved
1511245-009E	MW-25_11112015	11/11/2015 1040h	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: 4th Quarter Groundwater 2015
Lab Set ID: 1511245
Date Received: 11/12/2015 1500h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1511245-010A	MW-26_11112015	11/11/2015 1300h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511245-010B	MW-26_11112015	11/11/2015 1300h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511245-010B	MW-26_11112015	11/11/2015 1300h	Aqueous	Anions, E300.0
1511245-010C	MW-26_11112015	11/11/2015 1300h	Aqueous	Total Dissolved Solids, A2540C
1511245-010D	MW-26_11112015	11/11/2015 1300h	Aqueous	Ammonia, Aqueous
1511245-010D	MW-26_11112015	11/11/2015 1300h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511245-010E	MW-26_11112015	11/11/2015 1300h	Aqueous	Ion Balance
1511245-010E	MW-26_11112015	11/11/2015 1300h	Aqueous	ICP Metals, Dissolved
1511245-010E	MW-26_11112015	11/11/2015 1300h	Aqueous	ICPMS Metals, Dissolved
1511245-010E	MW-26_11112015	11/11/2015 1300h	Aqueous	Mercury, Drinking Water Dissolved
1511245-011A	Trip Blank	11/9/2015	Aqueous	VOA by GC/MS Method 8260C/5030C

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Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	4th Quarter Groundwater 2015
Lab Set ID:	1511245

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	11/12/2015
Date(s) of Collection:	11/9 & 11/10/2015
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
1511245-001E	Calcium	MS/MSD	High analyte concentrations
1511245-001E	Magnesium	MSD	High analyte concentrations
1511245-001E	Sodium	MS/MSD	High analyte concentrations
1511245-001D	Ammonia	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

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	4th Quarter Groundwater 2015
Lab Set ID:	1511245

Sample Receipt Information:

Date of Receipt:	11/12/2015
Date(s) of Collection:	11/9 & 11/10/2015
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: 1511245
Project: 4th 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-40292**	Date Analyzed:	11/25/2015 1021h											
Test Code:	200.7-DIS	Date Prepared:	11/16/2015 1353h											
Calcium		9.65	mg/L	E200.7	0.0401	1.00	10.00	0	96.5	85 - 115				
Magnesium		9.64	mg/L	E200.7	0.0294	1.00	10.00	0	96.4	85 - 115				
Potassium		9.34	mg/L	E200.7	0.247	1.00	10.00	0	93.4	85 - 115				
Sodium		9.46	mg/L	E200.7	0.0330	1.00	10.00	0	94.6	85 - 115				
Vanadium		0.182	mg/L	E200.7	0.00116	0.00500	0.2000	0	91.2	85 - 115				
Lab Sample ID:	**LCS-40293**	Date Analyzed:	11/17/2015 1947h											
Test Code:	200.8-DIS	Date Prepared:	11/16/2015 1353h											
Arsenic		0.189	mg/L	E200.8	0.0000920	0.00200	0.2000	0	94.3	85 - 115				
Beryllium		0.190	mg/L	E200.8	0.0000288	0.00200	0.2000	0	94.8	85 - 115				
Cadmium		0.187	mg/L	E200.8	0.000193	0.000500	0.2000	0	93.7	85 - 115				
Chromium		0.193	mg/L	E200.8	0.00154	0.00200	0.2000	0	96.3	85 - 115				
Cobalt		0.190	mg/L	E200.8	0.0000434	0.00400	0.2000	0	95.0	85 - 115				
Copper		0.210	mg/L	E200.8	0.000692	0.00200	0.2000	0	105	85 - 115				
Iron		0.957	mg/L	E200.8	0.0118	0.100	1.000	0	95.7	85 - 115				
Lead		0.190	mg/L	E200.8	0.000264	0.00200	0.2000	0	95.2	85 - 115				
Manganese		0.195	mg/L	E200.8	0.00153	0.00200	0.2000	0	97.4	85 - 115				
Molybdenum		0.192	mg/L	E200.8	0.000206	0.00200	0.2000	0	95.9	85 - 115				
Nickel		0.191	mg/L	E200.8	0.000754	0.00200	0.2000	0	95.7	85 - 115				
Selenium		0.187	mg/L	E200.8	0.0000634	0.00200	0.2000	0	93.5	85 - 115				
Silver		0.180	mg/L	E200.8	0.0000244	0.00200	0.2000	0	89.8	85 - 115				
Thallium		0.184	mg/L	E200.8	0.0000242	0.00200	0.2000	0	92.0	85 - 115				
Tin		0.957	mg/L	E200.8	0.000348	0.00200	1.000	0	95.7	85 - 115				
Uranium		0.194	mg/L	E200.8	0.0000112	0.00200	0.2000	0	96.8	85 - 115				
Zinc		0.942	mg/L	E200.8	0.00476	0.00500	1.000	0	94.2	85 - 115				
Lab Sample ID:	**LCS-40274**	Date Analyzed:	11/16/2015 938h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	11/13/2015 1845h											
Mercury		0.00335	mg/L	E245.1	0.00000892	0.000150	0.003330	0	101	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: 1511245
Project: 4th 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-40292	Date Analyzed:	11/25/2015 1019h											
Test Code: 200.7-DIS	Date Prepared:	11/16/2015 1353h											
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								
Lab Sample ID: MB-40293	Date Analyzed:	11/17/2015 1944h											
Test Code: 200.8-DIS	Date Prepared:	11/16/2015 1353h											
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								
Zinc	< 0.00500	mg/L	E200.8	0.00476	0.00500								
Lab Sample ID: MB-40293	Date Analyzed:	11/17/2015 2140h											
Test Code: 200.8-DIS	Date Prepared:	11/16/2015 1353h											
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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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511245
Project: 4th 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-40293**	Date Analyzed:	11/17/2015 2143h											
Test Code:	200.8-DIS	Date Prepared:	11/16/2015 1353h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID:	**MB-40274**	Date Analyzed:	11/16/2015 936h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	11/13/2015 1845h											
Mercury		< 0.000150	mg/L	E245.1	0.00000892	0.000150								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511245
Project: 4th 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:	**1511245-001EMS**	Date Analyzed:	11/25/2015 1031h											
Test Code:	200.7-DIS	Date Prepared:	11/16/2015 1353h											
Calcium		581	mg/L	E200.7	0.401	10.0	10.00	558	229	70 - 130				2
Magnesium		142	mg/L	E200.7	0.294	10.0	10.00	130	119	70 - 130				
Sodium		191	mg/L	E200.7	0.330	10.0	10.00	177	141	70 - 130				2
Lab Sample ID:	**1511245-001EMS**	Date Analyzed:	11/25/2015 1109h											
Test Code:	200.7-DIS	Date Prepared:	11/16/2015 1353h											
Potassium		17.5	mg/L	E200.7	0.247	1.00	10.00	7.94	95.3	70 - 130				
Vanadium		0.188	mg/L	E200.7	0.00116	0.00500	0.2000	0	94.1	70 - 130				
Lab Sample ID:	**1511245-001EMS**	Date Analyzed:	11/17/2015 1959h											
Test Code:	200.8-DIS	Date Prepared:	11/16/2015 1353h											
Arsenic		0.202	mg/L	E200.8	0.0000920	0.00200	0.2000	0	101	75 - 125				
Beryllium		0.186	mg/L	E200.8	0.0000288	0.00200	0.2000	0	93.0	75 - 125				
Cadmium		0.188	mg/L	E200.8	0.000193	0.000500	0.2000	0	93.9	75 - 125				
Chromium		0.190	mg/L	E200.8	0.00154	0.00200	0.2000	0	94.9	75 - 125				
Cobalt		0.187	mg/L	E200.8	0.0000434	0.00400	0.2000	0.0000652	93.6	75 - 125				
Copper		0.188	mg/L	E200.8	0.000692	0.00200	0.2000	0.00421	92.1	75 - 125				
Iron		0.971	mg/L	E200.8	0.0118	0.100	1.000	0.0324	93.9	75 - 125				
Lead		0.187	mg/L	E200.8	0.000264	0.00200	0.2000	0	93.6	75 - 125				
Manganese		0.248	mg/L	E200.8	0.00153	0.00200	0.2000	0.0596	94.1	75 - 125				
Molybdenum		0.204	mg/L	E200.8	0.000206	0.00200	0.2000	0.00196	101	75 - 125				
Nickel		0.188	mg/L	E200.8	0.000754	0.00200	0.2000	0.00218	92.9	75 - 125				
Selenium		0.190	mg/L	E200.8	0.0000634	0.00200	0.2000	0.000188	94.7	75 - 125				
Silver		0.179	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000501	89.6	75 - 125				
Thallium		0.186	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00268	91.6	75 - 125				
Tin		1.00	mg/L	E200.8	0.000348	0.00200	1.000	0	100	75 - 125				
Uranium		0.231	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0343	98.4	75 - 125				
Zinc		0.959	mg/L	E200.8	0.00476	0.00500	1.000	0	95.9	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: 1511245
Project: 4th 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:	**1511245-001EMS**	Date Analyzed:	11/16/2015 945h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	11/13/2015 1845h											
Mercury		0.00341	mg/L	E245.1	0.00000892	0.000150	0.003330	0	103	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: 1511245
Project: 4th 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: 1511245-001EMSD	Date Analyzed:	11/25/2015 1112h											
Test Code: 200.7-DIS	Date Prepared:	11/16/2015 1353h											
Potassium	18.4	mg/L	E200.7	0.247	1.00	10.00	7.94	104	70 - 130	17.5	5.09	20	
Vanadium	0.199	mg/L	E200.7	0.00116	0.00500	0.2000	0	99.3	70 - 130	0.188	5.37	20	
Lab Sample ID: 1511245-001EMSD	Date Analyzed:	11/25/2015 1151h											
Test Code: 200.7-DIS	Date Prepared:	11/16/2015 1353h											
Calcium	601	mg/L	E200.7	0.401	10.0	10.00	558	435	70 - 130	581	3.48	20	#
Magnesium	149	mg/L	E200.7	0.294	10.0	10.00	130	187	70 - 130	142	4.65	20	#
Sodium	193	mg/L	E200.7	0.330	10.0	10.00	177	166	70 - 130	191	1.28	20	#
Lab Sample ID: 1511245-001EMSD	Date Analyzed:	11/17/2015 2003h											
Test Code: 200.8-DIS	Date Prepared:	11/16/2015 1353h											
Arsenic	0.208	mg/L	E200.8	0.0000920	0.00200	0.2000	0	104	75 - 125	0.202	3.00	20	
Beryllium	0.195	mg/L	E200.8	0.0000288	0.00200	0.2000	0	97.6	75 - 125	0.186	4.91	20	
Cadmium	0.197	mg/L	E200.8	0.000193	0.000500	0.2000	0	98.5	75 - 125	0.188	4.77	20	
Chromium	0.194	mg/L	E200.8	0.00154	0.00200	0.2000	0	97.1	75 - 125	0.19	2.36	20	
Cobalt	0.192	mg/L	E200.8	0.0000434	0.00400	0.2000	0.0000652	95.8	75 - 125	0.187	2.31	20	
Copper	0.192	mg/L	E200.8	0.000692	0.00200	0.2000	0.00421	94.1	75 - 125	0.188	2.17	20	
Iron	0.999	mg/L	E200.8	0.0118	0.100	1.000	0.0324	96.7	75 - 125	0.971	2.86	20	
Lead	0.197	mg/L	E200.8	0.000264	0.00200	0.2000	0	98.6	75 - 125	0.187	5.23	20	
Manganese	0.258	mg/L	E200.8	0.00153	0.00200	0.2000	0.0596	99.2	75 - 125	0.248	4.01	20	
Molybdenum	0.214	mg/L	E200.8	0.000206	0.00200	0.2000	0.00196	106	75 - 125	0.204	4.77	20	
Nickel	0.196	mg/L	E200.8	0.000754	0.00200	0.2000	0.00218	97.1	75 - 125	0.188	4.34	20	
Silver	0.189	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000501	94.3	75 - 125	0.179	5.15	20	
Thallium	0.195	mg/L	E200.8	0.0000242	0.00200	0.2000	0.00268	96.3	75 - 125	0.186	4.95	20	
Tin	1.05	mg/L	E200.8	0.000348	0.00200	1.000	0	105	75 - 125	1	4.81	20	
Uranium	0.245	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0343	106	75 - 125	0.231	6.02	20	
Zinc	0.963	mg/L	E200.8	0.00476	0.00500	1.000	0	96.3	75 - 125	0.959	0.436	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: 1511245
Project: 4th 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:	**1511245-001EMSD**	Date Analyzed:	11/18/2015 2134h											
Test Code:	200.8-DIS	Date Prepared:	11/16/2015 1353h											
Selenium		0.192	mg/L	E200.8	0.0000634	0.00200	0.2000	0.000188	95.7	75 - 125	0.19	0.958	20	
Lab Sample ID:	**1511245-001EMSD**	Date Analyzed:	11/16/2015 946h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	11/13/2015 1845h											
Mercury		0.00336	mg/L	E245.1	0.00000892	0.000150	0.003330	0	101	85 - 115	0.00341	1.53	20	

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511245
Project: 4th 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: 1511245-001CDUP Date Analyzed: 11/13/2015 1250h Test Code: TDS-W-2540C													
Total Dissolved Solids	3,060	mg/L	SM2540C	12.3	20.0					3000	1.85	5	
Lab Sample ID: 1511245-009CDUP Date Analyzed: 11/13/2015 1415h Test Code: TDS-W-2540C													
Total Dissolved Solids	2,580	mg/L	SM2540C	12.3	20.0					2570	0.621	5	

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511245
Project: 4th 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-R85441 Date Analyzed: 11/23/2015 1419h													
Test Code: 300.0-W													
Chloride	4.89	mg/L	E300.0	0.00751	0.100	5.000	0	97.9	90 - 110				
Fluoride	4.90	mg/L	E300.0	0.00681	0.100	5.000	0	98.1	90 - 110				
Sulfate	5.06	mg/L	E300.0	0.0211	0.750	5.000	0	101	90 - 110				
Lab Sample ID: LCS-R85058 Date Analyzed: 11/13/2015 708h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	49,900	mg/L	SM2320B	0.504	1.00	50,000	0	99.8	90 - 110				
Lab Sample ID: LCS-40317 Date Analyzed: 11/18/2015 1258h													
Test Code: NH3-W-350.1 Date Prepared: 11/17/2015 1500h													
Ammonia (as N)	9.10	mg/L	E350.1	0.0226	0.0500	10.00	0	91.0	90 - 110				
Lab Sample ID: LCS-R85242 Date Analyzed: 11/14/2015 1834h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.980	mg/L	E353.2	0.00833	0.0100	1.000	0	98.0	90 - 110				
Lab Sample ID: LCS-R85242-2 Date Analyzed: 11/14/2015 1905h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.03	mg/L	E353.2	0.00833	0.0100	1.000	0	103	90 - 110				
Lab Sample ID: LCS-R85242-3 Date Analyzed: 11/14/2015 1938h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.02	mg/L	E353.2	0.00833	0.0100	1.000	0	102	90 - 110				
Lab Sample ID: LCS-R85138 Date Analyzed: 11/13/2015 1250h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	190	mg/L	SM2540C	6.13	10.0	205.0	0	92.7	80 - 120				

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511245
Project: 4th 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-R85139 Date Analyzed: 11/13/2015 1415h Test Code: TDS-W-2540C													
Total Dissolved Solids	216	mg/L	SM2540C	6.13	10.0	205.0	0	105	80 - 120				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511245
Project: 4th 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-R85441 Date Analyzed: 11/23/2015 1402h													
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-R85058 Date Analyzed: 11/13/2015 708h													
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-40317 Date Analyzed: 11/18/2015 1317h													
Test Code: NH3-W-350.1 Date Prepared: 11/17/2015 1500h													
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R85242 Date Analyzed: 11/14/2015 1833h													
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-R85242-2 Date Analyzed: 11/14/2015 1904h													
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-R85242-3 Date Analyzed: 11/14/2015 1937h													
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-R85138 Date Analyzed: 11/13/2015 1250h													
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: 1511245
Project: 4th 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-R85139 Date Analyzed: 11/13/2015 1415h 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: 1511245
Project: 4th 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: 1511245-004BMS Date Analyzed: 11/23/2015 1510h													
Test Code: 300.0-W													
Chloride	9,890	mg/L	E300.0	15.0	200	10,000	116	97.8	90 - 110				
Fluoride	9,760	mg/L	E300.0	13.6	200	10,000	0	97.6	90 - 110				
Sulfate	12,500	mg/L	E300.0	42.2	1,500	10,000	2440	101	90 - 110				
Lab Sample ID: 1511245-002BMS Date Analyzed: 11/23/2015 2030h													
Test Code: 300.0-W													
Chloride	1,010	mg/L	E300.0	1.50	20.0	1,000	30.6	97.5	90 - 110				
Fluoride	979	mg/L	E300.0	1.36	20.0	1,000	0.982	97.8	90 - 110				
Sulfate	1,590	mg/L	E300.0	4.22	150	1,000	583	101	90 - 110				
Lab Sample ID: 1511245-001BMS Date Analyzed: 11/24/2015 207h													
Test Code: 300.0-W													
Chloride	146	mg/L	E300.0	0.150	2.00	100.0	49.2	97.0	90 - 110				
Fluoride	95.3	mg/L	E300.0	0.136	2.00	100.0	0.205	95.1	90 - 110				
Lab Sample ID: 1511245-001BMS Date Analyzed: 11/13/2015 708h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	428	mg/L	SM2320B	0.504	1.00	50.00	380	96.4	80 - 120				
Lab Sample ID: 1511245-001DMS Date Analyzed: 11/18/2015 1419h													
Test Code: NH3-W-350.1 Date Prepared: 11/17/2015 1500h													
Ammonia (as N)	12.5	mg/L	E350.1	0.0226	0.0500	10.00	0	125	90 - 110				1
Lab Sample ID: 1511245-002DMS Date Analyzed: 11/14/2015 1837h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	11.9	mg/L	E353.2	0.0833	0.100	10.00	2.23	96.9	90 - 110				

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: 1511245
Project: 4th 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: 1511245-004BMSD Date Analyzed: 11/23/2015 1526h													
Test Code: 300.0-W													
Chloride	9,950	mg/L	E300.0	15.0	200	10,000	116	98.3	90 - 110	9890	0.580	20	
Fluoride	9,830	mg/L	E300.0	13.6	200	10,000	0	98.3	90 - 110	9760	0.721	20	
Sulfate	12,500	mg/L	E300.0	42.2	1,500	10,000	2440	101	90 - 110	12500	0.245	20	
Lab Sample ID: 1511245-002BMSD Date Analyzed: 11/23/2015 2047h													
Test Code: 300.0-W													
Chloride	1,000	mg/L	E300.0	1.50	20.0	1,000	30.6	97.3	90 - 110	1010	0.259	20	
Fluoride	977	mg/L	E300.0	1.36	20.0	1,000	0.982	97.6	90 - 110	979	0.181	20	
Sulfate	1,580	mg/L	E300.0	4.22	150	1,000	583	99.6	90 - 110	1590	0.875	20	
Lab Sample ID: 1511245-001BMSD Date Analyzed: 11/24/2015 224h													
Test Code: 300.0-W													
Chloride	146	mg/L	E300.0	0.150	2.00	100.0	49.2	96.8	90 - 110	146	0.102	20	
Fluoride	95.4	mg/L	E300.0	0.136	2.00	100.0	0.205	95.2	90 - 110	95.3	0.120	20	
Lab Sample ID: 1511245-001BMSD Date Analyzed: 11/13/2015 708h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	427	mg/L	SM2320B	0.504	1.00	50.00	380	94.6	80 - 120	428	0.210	10	
Lab Sample ID: 1511245-001DMSD Date Analyzed: 11/18/2015 1421h													
Test Code: NH3-W-350.1 Date Prepared: 11/17/2015 1500h													
Ammonia (as N)	13.0	mg/L	E350.1	0.0226	0.0500	10.00	0	130	90 - 110	12.5	3.45	10	1
Lab Sample ID: 1511245-002DMSD Date Analyzed: 11/14/2015 1839h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	12.0	mg/L	E353.2	0.0833	0.100	10.00	2.23	97.5	90 - 110	11.9	0.502	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: 1511245
Project: 4th 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 111215B Date Analyzed: 11/13/2015 019h Test Code: 8260-W-DEN100													
Benzene	23.7	µg/L	SW8260C	0.270	1.00	20.00	0	119	62 - 127				
Chloroform	22.1	µg/L	SW8260C	0.153	1.00	20.00	0	110	67 - 132				
Methylene chloride	22.9	µg/L	SW8260C	0.172	1.00	20.00	0	114	32 - 185				
Naphthalene	23.2	µg/L	SW8260C	0.587	1.00	20.00	0	116	28 - 136				
Tetrahydrofuran	17.8	µg/L	SW8260C	0.516	1.00	20.00	0	89.2	43 - 146				
Toluene	23.6	µg/L	SW8260C	0.183	1.00	20.00	0	118	64 - 129				
Xylenes, Total	73.6	µg/L	SW8260C	0.857	1.00	60.00	0	123	52 - 134				
Surr: 1,2-Dichloroethane-d4	47.6	µg/L	SW8260C			50.00		95.2	76 - 138				
Surr: 4-Bromofluorobenzene	50.2	µg/L	SW8260C			50.00		100	80 - 152				
Surr: Dibromofluoromethane	50.8	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	51.3	µg/L	SW8260C			50.00		103	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: 1511245
Project: 4th 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 111215B Date Analyzed: 11/13/2015 058h													
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	46.3	µg/L	SW8260C			50.00		92.6	76 - 138				
Surr: 4-Bromofluorobenzene	51.2	µg/L	SW8260C			50.00		102	80 - 152				
Surr: Dibromofluoromethane	47.6	µg/L	SW8260C			50.00		95.1	67 - 128				
Surr: Toluene-d8	50.5	µg/L	SW8260C			50.00		101	81 - 135				

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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: 1511245
Project: 4th 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: 1511245-001AMS Date Analyzed: 11/13/2015 157h Test Code: 8260-W-DEN100													
Benzene	22.8	µg/L	SW8260C	0.270	1.00	20.00	0	114	66 - 145				
Chloroform	20.1	µg/L	SW8260C	0.153	1.00	20.00	0	100	50 - 146				
Methylene chloride	21.8	µg/L	SW8260C	0.172	1.00	20.00	0	109	30 - 192				
Naphthalene	20.8	µg/L	SW8260C	0.587	1.00	20.00	0	104	41 - 131				
Tetrahydrofuran	20.0	µg/L	SW8260C	0.516	1.00	20.00	0	100	43 - 146				
Toluene	22.2	µg/L	SW8260C	0.183	1.00	20.00	0	111	18 - 192				
Xylenes, Total	66.9	µg/L	SW8260C	0.857	1.00	60.00	0	111	42 - 167				
Surr: 1,2-Dichloroethane-d4	47.2	µg/L	SW8260C			50.00		94.3	72 - 151				
Surr: 4-Bromofluorobenzene	50.9	µg/L	SW8260C			50.00		102	80 - 152				
Surr: Dibromofluoromethane	49.3	µg/L	SW8260C			50.00		98.5	80 - 124				
Surr: Toluene-d8	50.8	µg/L	SW8260C			50.00		102	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: 1511245
Project: 4th 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: 1511245-001AMSD Date Analyzed: 11/13/2015 216h Test Code: 8260-W-DEN100													
Benzene	21.4	µg/L	SW8260C	0.270	1.00	20.00	0	107	66 - 145	22.8	6.37	25	
Chloroform	18.7	µg/L	SW8260C	0.153	1.00	20.00	0	93.6	50 - 146	20.1	6.96	25	
Methylene chloride	20.5	µg/L	SW8260C	0.172	1.00	20.00	0	102	30 - 192	21.8	6.15	25	
Naphthalene	18.4	µg/L	SW8260C	0.587	1.00	20.00	0	92.0	41 - 131	20.8	12.3	25	
Tetrahydrofuran	18.0	µg/L	SW8260C	0.516	1.00	20.00	0	89.8	43 - 146	20	10.7	25	
Toluene	20.5	µg/L	SW8260C	0.183	1.00	20.00	0	103	18 - 192	22.2	7.95	25	
Xylenes, Total	62.1	µg/L	SW8260C	0.857	1.00	60.00	0	103	42 - 167	66.9	7.43	25	
Surr: 1,2-Dichloroethane-d4	47.0	µg/L	SW8260C			50.00		94.0	72 - 151				
Surr: 4-Bromofluorobenzene	50.9	µg/L	SW8260C			50.00		102	80 - 152				
Surr: Dibromofluoromethane	49.1	µg/L	SW8260C			50.00		98.2	80 - 124				
Surr: Toluene-d8	50.0	µg/L	SW8260C			50.00		100	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1511245**

Client: Energy Fuels Resources, Inc. Due Date: 11/30/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **4th 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. Samples for metals were field filtered.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511245-001A	**MW-18_11092015**	11/9/2015 1405h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-001B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-001C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511245-001D				**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				
1511245-001E				**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				
1511245-002A	**MW-19_11102015**	11/10/2015 1530h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-002B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				

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WORK ORDER Summary

Work Order: **1511245**

Client: Energy Fuels Resources, Inc. Due Date: 11/30/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511245-002C	**MW-19_11102015**	11/10/2015 1530h	11/12/2015 1500h	**TDS-W-2540C**	Aqueous		ww - tds	1
				1 SEL Analytes: TDS				
1511245-002D				**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				
1511245-002E				**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				
1511245-003A	**MW-27_11102015**	11/10/2015 1050h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-003B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-003C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511245-003D				**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				
1511245-003E				**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: **1511245**

Client: Energy Fuels Resources, Inc. Due Date: 11/30/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511245-003E	**MW-27_11102015**	11/10/2015 1050h	11/12/2015 1500h	**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				
1511245-004A	**MW-28_11102015**	11/10/2015 1455h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-004B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-004C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511245-004D				**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				
1511245-004E				**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				
1511245-005A	**MW-30_11112015**	11/11/2015 1345h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-005B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-005C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				

WORK ORDER Summary

Work Order: **1511245**

Client: Energy Fuels Resources, Inc. Due Date: 11/30/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511245-005D	**MW-30_11112015**	11/11/2015 1345h	11/12/2015 1500h	**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				
1511245-005E				**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				
1511245-006A	**MW-31_11092015**	11/9/2015 1340h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-006B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-006C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511245-006D				**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				
1511245-006E				**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: **1511245**

Client: Energy Fuels Resources, Inc. Due Date: 11/30/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511245-006E	**MW-31_11092015**	11/9/2015 1340h	11/12/2015 1500h	**HG-DW-DIS-PR**	Aqueous		df-met	1
				IONBALANCE			df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1511245-007A	**MW-01_11112015**	11/11/2015 0955h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-007B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-007C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511245-007D				**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				
1511245-007E				**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				
1511245-008A	**MW-11_11112015**	11/11/2015 1525h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-008B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-008C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511245-008D				**NH3-W-350.1**			df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR			df - no2/no3 & nh3	

WORK ORDER Summary

Work Order: **1511245**

Client: Energy Fuels Resources, Inc. Due Date: 11/30/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511245-008D	**MW-11_11112015**	11/11/2015 1525h	11/12/2015 1500h	**NO2/NO3-W-353.2**	Aqueous		df - no2/no3 & nh3	1
				1 SEL Analytes: NO3NO2N				
1511245-008E				**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				
1511245-009A	**MW-25_11112015**	11/11/2015 1040h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-009B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-009C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511245-009D				**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				
1511245-009E				**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				

WORK ORDER Summary

Work Order: **1511245**

Client: Energy Fuels Resources, Inc. Due Date: 11/30/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511245-010A	**MW-26_11112015**	11/11/2015 1300h	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511245-010B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511245-010C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511245-010D				**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				
1511245-010E				**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				
1511245-011A	**Trip Blank**	11/9/2015	11/12/2015 1500h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				

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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.

1511245
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 #: 435 459 9463
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **4th Quarter Groundwater 2015**
Project #:
PO #:
Sampler Name: **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:

Laboratory Use Only

Samples Were:
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

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

	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-18_11092015	11/9/2015	1405	7	w	x	x	x	x	x	x	x	x	x	x	
2	MW-19_11102015	11/10/2015	1530	7	w	x	x	x	x	x	x	x	x	x	x	
3	MW-27_11102015	11/10/2015	1050	7	w	x	x	x	x	x	x	x	x	x	x	
4	MW-28_11102015	11/10/2015	1455	7	w	x	x	x	x	x	x	x	x	x	x	
5	MW-30_11112015	11/11/2015	1345	7	w	x	x	x	x	x	x	x	x	x	x	
6	MW-31_11092015	11/9/2015	1340	7	w	x	x	x	x	x	x	x	x	x	x	
7	MW-01_11112015	11/11/2015	955	7	w	x	x	x	x	x	x	x	x	x	x	
8	MW-11_11112015	11/11/2015	1525	7	w	x	x	x	x	x	x	x	x	x	x	
9	MW-25_11112015	11/11/2015	1040	7	w	x	x	x	x	x	x	x	x	x	x	
10	MW-26_11112015	11/11/2015	1300	7	w	x	x	x	x	x	x	x	x	x	x	
11	Trip Blank	11/9/2015		3	w										x	
12	Temp Blank			1	w											

Relinquished by: Signature: Garrin Palmer	Date: 11/12/15	Received by: Signature: Elyssa Hy	Date: 11/12/15
Print Name: Garrin Palmer	Time: 1500	Print Name: Elyssa Hy	Time: 1500
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.

Lab Set ID: 1511245

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8	9	10								
Ammonia	pH <2 H_2SO_4	Yes	Yes	Yes	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	Yes	Yes	Yes								
NO_2 & NO_3	pH <2 H_2SO_4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes								
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_4																		

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved.

▲ The sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix.

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference.

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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: 4th Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1511403

American West Analytical Laboratories received sample(s) on 11/20/2015 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, Wyoming, 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: 2015.12.15 11:20:26 -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: 4th Quarter Groundwater 2015
Lab Set ID: 1511403
Date Received: 11/20/2015 1030h

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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
1511403-001A	MW-02_11162015	11/16/2015 1550h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511403-001B	MW-02_11162015	11/16/2015 1550h	Aqueous	Anions, E300.0
1511403-001B	MW-02_11162015	11/16/2015 1550h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511403-001C	MW-02_11162015	11/16/2015 1550h	Aqueous	Total Dissolved Solids, A2540C
1511403-001D	MW-02_11162015	11/16/2015 1550h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511403-001D	MW-02_11162015	11/16/2015 1550h	Aqueous	Ammonia, Aqueous
1511403-001E	MW-02_11162015	11/16/2015 1550h	Aqueous	Mercury, Drinking Water Dissolved
1511403-001E	MW-02_11162015	11/16/2015 1550h	Aqueous	Ion Balance
1511403-001E	MW-02_11162015	11/16/2015 1550h	Aqueous	ICP Metals, Dissolved
1511403-001E	MW-02_11162015	11/16/2015 1550h	Aqueous	ICPMS Metals, Dissolved
1511403-002A	MW-12_11172015	11/17/2015 1125h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511403-002B	MW-12_11172015	11/17/2015 1125h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511403-002B	MW-12_11172015	11/17/2015 1125h	Aqueous	Anions, E300.0
1511403-002C	MW-12_11172015	11/17/2015 1125h	Aqueous	Total Dissolved Solids, A2540C
1511403-002D	MW-12_11172015	11/17/2015 1125h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511403-002D	MW-12_11172015	11/17/2015 1125h	Aqueous	Ammonia, Aqueous
1511403-002E	MW-12_11172015	11/17/2015 1125h	Aqueous	Mercury, Drinking Water Dissolved
1511403-002E	MW-12_11172015	11/17/2015 1125h	Aqueous	Ion Balance
1511403-002E	MW-12_11172015	11/17/2015 1125h	Aqueous	ICP Metals, Dissolved
1511403-002E	MW-12_11172015	11/17/2015 1125h	Aqueous	ICPMS Metals, Dissolved
1511403-003A	MW-15_11162015	11/16/2015 1320h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511403-003B	MW-15_11162015	11/16/2015 1320h	Aqueous	Anions, E300.0
1511403-003B	MW-15_11162015	11/16/2015 1320h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511403-003C	MW-15_11162015	11/16/2015 1320h	Aqueous	Total Dissolved Solids, A2540C
1511403-003D	MW-15_11162015	11/16/2015 1320h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511403-003D	MW-15_11162015	11/16/2015 1320h	Aqueous	Ammonia, Aqueous
1511403-003E	MW-15_11162015	11/16/2015 1320h	Aqueous	Mercury, Drinking Water Dissolved
1511403-003E	MW-15_11162015	11/16/2015 1320h	Aqueous	Ion Balance
1511403-003E	MW-15_11162015	11/16/2015 1320h	Aqueous	ICP Metals, Dissolved

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Set ID: 1511403
Date Received: 11/20/2015 1030h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1511403-003E	MW-15_11162015	11/16/2015 1320h	Aqueous	ICPMS Metals, Dissolved
1511403-004A	MW-22_11172015	11/17/2015 1430h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511403-004B	MW-22_11172015	11/17/2015 1430h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511403-004B	MW-22_11172015	11/17/2015 1430h	Aqueous	Anions, E300.0
1511403-004C	MW-22_11172015	11/17/2015 1430h	Aqueous	Total Dissolved Solids, A2540C
1511403-004D	MW-22_11172015	11/17/2015 1430h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511403-004D	MW-22_11172015	11/17/2015 1430h	Aqueous	Ammonia, Aqueous
1511403-004E	MW-22_11172015	11/17/2015 1430h	Aqueous	Mercury, Drinking Water Dissolved
1511403-004E	MW-22_11172015	11/17/2015 1430h	Aqueous	Ion Balance
1511403-004E	MW-22_11172015	11/17/2015 1430h	Aqueous	ICP Metals, Dissolved
1511403-004E	MW-22_11172015	11/17/2015 1430h	Aqueous	ICPMS Metals, Dissolved
1511403-005A	MW-23_11182015	11/18/2015 1000h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511403-005B	MW-23_11182015	11/18/2015 1000h	Aqueous	Anions, E300.0
1511403-005B	MW-23_11182015	11/18/2015 1000h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511403-005C	MW-23_11182015	11/18/2015 1000h	Aqueous	Total Dissolved Solids, A2540C
1511403-005D	MW-23_11182015	11/18/2015 1000h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511403-005D	MW-23_11182015	11/18/2015 1000h	Aqueous	Ammonia, Aqueous
1511403-005E	MW-23_11182015	11/18/2015 1000h	Aqueous	Mercury, Drinking Water Dissolved
1511403-005E	MW-23_11182015	11/18/2015 1000h	Aqueous	Ion Balance
1511403-005E	MW-23_11182015	11/18/2015 1000h	Aqueous	ICP Metals, Dissolved
1511403-005E	MW-23_11182015	11/18/2015 1000h	Aqueous	ICPMS Metals, Dissolved
1511403-006A	MW-24_11182015	11/18/2015 930h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511403-006B	MW-24_11182015	11/18/2015 930h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511403-006B	MW-24_11182015	11/18/2015 930h	Aqueous	Anions, E300.0
1511403-006C	MW-24_11182015	11/18/2015 930h	Aqueous	Total Dissolved Solids, A2540C
1511403-006D	MW-24_11182015	11/18/2015 930h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511403-006D	MW-24_11182015	11/18/2015 930h	Aqueous	Ammonia, Aqueous
1511403-006E	MW-24_11182015	11/18/2015 930h	Aqueous	Mercury, Drinking Water Dissolved
1511403-006E	MW-24_11182015	11/18/2015 930h	Aqueous	Ion Balance
1511403-006E	MW-24_11182015	11/18/2015 930h	Aqueous	ICP Metals, Dissolved
1511403-006E	MW-24_11182015	11/18/2015 930h	Aqueous	ICPMS Metals, Dissolved

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Set ID: 1511403
Date Received: 11/20/2015 1030h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1511403-007A	MW-29_11162015	11/16/2015 1240h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511403-007B	MW-29_11162015	11/16/2015 1240h	Aqueous	Anions, E300.0
1511403-007B	MW-29_11162015	11/16/2015 1240h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511403-007C	MW-29_11162015	11/16/2015 1240h	Aqueous	Total Dissolved Solids, A2540C
1511403-007D	MW-29_11162015	11/16/2015 1240h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511403-007D	MW-29_11162015	11/16/2015 1240h	Aqueous	Ammonia, Aqueous
1511403-007E	MW-29_11162015	11/16/2015 1240h	Aqueous	Mercury, Drinking Water Dissolved
1511403-007E	MW-29_11162015	11/16/2015 1240h	Aqueous	Ion Balance
1511403-007E	MW-29_11162015	11/16/2015 1240h	Aqueous	ICP Metals, Dissolved
1511403-007E	MW-29_11162015	11/16/2015 1240h	Aqueous	ICPMS Metals, Dissolved
1511403-008A	MW-70_11172015	11/17/2015 1430h	Aqueous	VOA by GC/MS Method 8260C/5030C
1511403-008B	MW-70_11172015	11/17/2015 1430h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1511403-008B	MW-70_11172015	11/17/2015 1430h	Aqueous	Anions, E300.0
1511403-008C	MW-70_11172015	11/17/2015 1430h	Aqueous	Total Dissolved Solids, A2540C
1511403-008D	MW-70_11172015	11/17/2015 1430h	Aqueous	Nitrite/Nitrate (as N), E353.2
1511403-008D	MW-70_11172015	11/17/2015 1430h	Aqueous	Ammonia, Aqueous
1511403-008E	MW-70_11172015	11/17/2015 1430h	Aqueous	Ion Balance
1511403-008E	MW-70_11172015	11/17/2015 1430h	Aqueous	ICP Metals, Dissolved
1511403-008E	MW-70_11172015	11/17/2015 1430h	Aqueous	ICPMS Metals, Dissolved
1511403-008E	MW-70_11172015	11/17/2015 1430h	Aqueous	Mercury, Drinking Water Dissolved
1511403-009A	Trip Blank	11/16/2015	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: 4th Quarter Groundwater 2015
Lab Set ID: 1511403

Sample Receipt Information:

Date of Receipt: 11/20/2015
Date(s) of Collection: 11/16, 11/17, & 11/18/2015
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
1511403-001E	Calcium	MS/MSD	High analyte concentrations
1511403-001E	Magnesium	MS	High analyte concentrations
1511403-001E	Sodium	MS/MSD	High analyte concentrations
1511403-001D	Ammonia	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:	4th Quarter Groundwater 2015
Lab Set ID:	1511403

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	11/20/2015
Date(s) of Collection:	11/16, 11/17, & 11/18/2015
Sample Condition:	Intact
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: 1511403
Project: 4th 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-40394	Date Analyzed:	12/02/2015 1133h											
Test Code: 200.7-DIS	Date Prepared:	11/20/2015 1403h											
Calcium	9.47	mg/L	E200.7	0.0401	1.00	10.00	0	94.7	85 - 115				
Magnesium	9.62	mg/L	E200.7	0.0294	1.00	10.00	0	96.2	85 - 115				
Potassium	9.67	mg/L	E200.7	0.247	1.00	10.00	0	96.7	85 - 115				
Sodium	9.91	mg/L	E200.7	0.0330	1.00	10.00	0	99.1	85 - 115				
Vanadium	0.181	mg/L	E200.7	0.00116	0.00500	0.2000	0	90.6	85 - 115				
Lab Sample ID: LCS-40395	Date Analyzed:	11/23/2015 1022h											
Test Code: 200.8-DIS	Date Prepared:	11/20/2015 1403h											
Arsenic	0.203	mg/L	E200.8	0.0000920	0.00200	0.2000	0	102	85 - 115				
Beryllium	0.201	mg/L	E200.8	0.0000288	0.00200	0.2000	0	100	85 - 115				
Cadmium	0.207	mg/L	E200.8	0.000193	0.000500	0.2000	0	103	85 - 115				
Chromium	0.212	mg/L	E200.8	0.00154	0.00200	0.2000	0	106	85 - 115				
Cobalt	0.208	mg/L	E200.8	0.0000434	0.00400	0.2000	0	104	85 - 115				
Copper	0.214	mg/L	E200.8	0.000692	0.00200	0.2000	0	107	85 - 115				
Lead	0.206	mg/L	E200.8	0.000264	0.00200	0.2000	0	103	85 - 115				
Manganese	0.210	mg/L	E200.8	0.00153	0.00200	0.2000	0	105	85 - 115				
Molybdenum	0.208	mg/L	E200.8	0.000206	0.00200	0.2000	0	104	85 - 115				
Nickel	0.211	mg/L	E200.8	0.000754	0.00200	0.2000	0	105	85 - 115				
Selenium	0.199	mg/L	E200.8	0.0000634	0.00200	0.2000	0	99.5	85 - 115				
Silver	0.207	mg/L	E200.8	0.0000244	0.00200	0.2000	0	103	85 - 115				
Thallium	0.201	mg/L	E200.8	0.0000242	0.00200	0.2000	0	100	85 - 115				
Uranium	0.209	mg/L	E200.8	0.0000112	0.00200	0.2000	0	104	85 - 115				
Zinc	1.06	mg/L	E200.8	0.00476	0.00500	1.000	0	106	85 - 115				
Lab Sample ID: LCS-40395	Date Analyzed:	11/24/2015 1111h											
Test Code: 200.8-DIS	Date Prepared:	11/20/2015 1403h											
Iron	0.968	mg/L	E200.8	0.0118	0.100	1.000	0	96.8	85 - 115				
Tin	1.01	mg/L	E200.8	0.000348	0.00200	1.000	0	101	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: 1511403
Project: 4th 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-40548**	Date Analyzed:	12/04/2015 1003h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	12/03/2015 1700h											
Mercury		0.00350	mg/L	E245.1	0.00000559	0.000150	0.003330	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: 1511403
Project: 4th 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-40394	Date Analyzed:	12/02/2015 1131h											
Test Code: 200.7-DIS	Date Prepared:	11/20/2015 1403h											
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								
Lab Sample ID: MB-FILTER-40390	Date Analyzed:	12/02/2015 1213h											
Test Code: 200.7-DIS	Date Prepared:	11/20/2015 1403h											
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								
Lab Sample ID: MB-40395	Date Analyzed:	11/23/2015 1019h											
Test Code: 200.8-DIS	Date Prepared:	11/20/2015 1403h											
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								
Zinc	< 0.00500	mg/L	E200.8	0.00476	0.00500								

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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-40395**	Date Analyzed:	11/23/2015 1103h											
Test Code:	200.8-DIS	Date Prepared:	11/20/2015 1403h											
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								
Lab Sample ID:	**MB-40395**	Date Analyzed:	11/23/2015 1106h											
Test Code:	200.8-DIS	Date Prepared:	11/20/2015 1403h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID:	**MB-40395**	Date Analyzed:	11/24/2015 1108h											
Test Code:	200.8-DIS	Date Prepared:	11/20/2015 1403h											
Tin		< 0.00200	mg/L	E200.8	0.000348	0.00200								
Lab Sample ID:	**MB-40548**	Date Analyzed:	12/04/2015 1001h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	12/03/2015 1700h											
Mercury		< 0.000150	mg/L	E245.1	0.00000559	0.000150								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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: 1511403-001EMS	Date Analyzed:	12/02/2015 1143h											
Test Code: 200.7-DIS	Date Prepared:	11/20/2015 1403h											
Calcium	336	mg/L	E200.7	4.01	100	10.00	358	-225	70 - 130				2
Sodium	522	mg/L	E200.7	3.30	100	10.00	565	-432	70 - 130				2
Lab Sample ID: 1511403-001EMS	Date Analyzed:	12/02/2015 1228h											
Test Code: 200.7-DIS	Date Prepared:	11/20/2015 1403h											
Magnesium	96.7	mg/L	E200.7	0.294	10.0	10.00	92.2	44.5	70 - 130				2
Lab Sample ID: 1511403-001EMS	Date Analyzed:	12/02/2015 1436h											
Test Code: 200.7-DIS	Date Prepared:	11/20/2015 1403h											
Potassium	20.1	mg/L	E200.7	0.247	1.00	10.00	9.98	101	70 - 130				
Vanadium	0.181	mg/L	E200.7	0.00116	0.00500	0.2000	0	90.6	70 - 130				
Lab Sample ID: 1511403-001EMS	Date Analyzed:	11/23/2015 1140h											
Test Code: 200.8-DIS	Date Prepared:	11/20/2015 1403h											
Arsenic	0.214	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000616	107	75 - 125				
Beryllium	0.196	mg/L	E200.8	0.0000288	0.00200	0.2000	0	98.0	75 - 125				
Cadmium	0.195	mg/L	E200.8	0.000193	0.000500	0.2000	0	97.4	75 - 125				
Chromium	0.202	mg/L	E200.8	0.00154	0.00200	0.2000	0	101	75 - 125				
Cobalt	0.196	mg/L	E200.8	0.0000434	0.00400	0.2000	0	97.8	75 - 125				
Copper	0.197	mg/L	E200.8	0.000692	0.00200	0.2000	0	98.4	75 - 125				
Lead	0.188	mg/L	E200.8	0.000264	0.00200	0.2000	0	93.8	75 - 125				
Manganese	0.201	mg/L	E200.8	0.00153	0.00200	0.2000	0	101	75 - 125				
Molybdenum	0.208	mg/L	E200.8	0.000206	0.00200	0.2000	0.00118	103	75 - 125				
Nickel	0.198	mg/L	E200.8	0.000754	0.00200	0.2000	0.000807	98.6	75 - 125				
Selenium	0.210	mg/L	E200.8	0.0000634	0.00200	0.2000	0.0104	99.6	75 - 125				
Silver	0.192	mg/L	E200.8	0.0000244	0.00200	0.2000	0	96.2	75 - 125				
Thallium	0.183	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000263	91.4	75 - 125				
Uranium	0.203	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0114	96.0	75 - 125				

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Kyle F. Gross
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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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:	**1511403-001EMS**	Date Analyzed:	11/24/2015 1136h											
Test Code:	200.8-DIS	Date Prepared:	11/20/2015 1403h											
Iron		0.969	mg/L	E200.8	0.0118	0.100	1.000	0	96.9	75 - 125				
Tin		1.06	mg/L	E200.8	0.000348	0.00200	1.000	0	106	75 - 125				
Zinc		1.02	mg/L	E200.8	0.00476	0.00500	1.000	0.00949	101	75 - 125				
Lab Sample ID:	**1511403-001EMS**	Date Analyzed:	12/04/2015 1011h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	12/03/2015 1700h											
Mercury		0.00346	mg/L	E245.1	0.00000559	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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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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:	**1511403-001EMSD**	Date Analyzed:	12/02/2015 1145h											
Test Code:	200.7-DIS	Date Prepared:	11/20/2015 1403h											
Calcium		335	mg/L	E200.7	4.01	100	10.00	358	-229	70 - 130	336	0.120	20	*
Sodium		514	mg/L	E200.7	3.30	100	10.00	565	-508	70 - 130	522	1.48	20	*
Lab Sample ID:	**1511403-001EMSD**	Date Analyzed:	12/02/2015 1230h											
Test Code:	200.7-DIS	Date Prepared:	11/20/2015 1403h											
Magnesium		99.8	mg/L	E200.7	0.294	10.0	10.00	92.2	75.7	70 - 130	96.7	3.17	20	
Lab Sample ID:	**1511403-001EMSD**	Date Analyzed:	12/02/2015 1438h											
Test Code:	200.7-DIS	Date Prepared:	11/20/2015 1403h											
Potassium		19.7	mg/L	E200.7	0.247	1.00	10.00	9.98	97.6	70 - 130	20.1	1.84	20	
Vanadium		0.180	mg/L	E200.7	0.00116	0.00500	0.2000	0	89.9	70 - 130	0.181	0.780	20	
Lab Sample ID:	**1511403-001EMSD**	Date Analyzed:	11/23/2015 1144h											
Test Code:	200.8-DIS	Date Prepared:	11/20/2015 1403h											
Arsenic		0.214	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000616	107	75 - 125	0.214	0.00314	20	
Beryllium		0.196	mg/L	E200.8	0.0000288	0.00200	0.2000	0	97.9	75 - 125	0.196	0.0936	20	
Cadmium		0.195	mg/L	E200.8	0.000193	0.000500	0.2000	0	97.4	75 - 125	0.195	0.0901	20	
Chromium		0.198	mg/L	E200.8	0.00154	0.00200	0.2000	0	99.2	75 - 125	0.202	1.73	20	
Cobalt		0.194	mg/L	E200.8	0.0000434	0.00400	0.2000	0	97.0	75 - 125	0.196	0.869	20	
Copper		0.195	mg/L	E200.8	0.000692	0.00200	0.2000	0	97.5	75 - 125	0.197	0.892	20	
Lead		0.188	mg/L	E200.8	0.000264	0.00200	0.2000	0	94.1	75 - 125	0.188	0.347	20	
Manganese		0.199	mg/L	E200.8	0.00153	0.00200	0.2000	0	99.4	75 - 125	0.201	1.38	20	
Molybdenum		0.209	mg/L	E200.8	0.000206	0.00200	0.2000	0.00118	104	75 - 125	0.208	0.458	20	
Nickel		0.195	mg/L	E200.8	0.000754	0.00200	0.2000	0.000807	97.0	75 - 125	0.198	1.69	20	
Selenium		0.207	mg/L	E200.8	0.0000634	0.00200	0.2000	0.0104	98.3	75 - 125	0.21	1.27	20	
Silver		0.191	mg/L	E200.8	0.0000244	0.00200	0.2000	0	95.6	75 - 125	0.192	0.692	20	
Thallium		0.182	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000263	91.1	75 - 125	0.183	0.341	20	
Uranium		0.205	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0114	96.8	75 - 125	0.203	0.749	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: 1511403
Project: 4th 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:	**1511403-001EMSD**	Date Analyzed:	11/24/2015 1139h											
Test Code:	200.8-DIS	Date Prepared:	11/20/2015 1403h											
Iron		0.949	mg/L	E200.8	0.0118	0.100	1.000	0	94.9	75 - 125	0.969	2.04	20	
Tin		1.04	mg/L	E200.8	0.000348	0.00200	1.000	0	104	75 - 125	1.06	2.04	20	
Zinc		1.03	mg/L	E200.8	0.00476	0.00500	1.000	0.00949	102	75 - 125	1.02	0.395	20	
Lab Sample ID:	**1511403-001EMSD**	Date Analyzed:	12/04/2015 1013h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	12/03/2015 1700h											
Mercury		0.00341	mg/L	E245.1	0.00000559	0.000150	0.003330	0	102	85 - 115	0.00346	1.65	20	

[2] - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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: 1511403-001CDUP Date Analyzed: 11/20/2015 1230h Test Code: TDS-W-2540C													
Total Dissolved Solids	2,920	mg/L	SM2540C	12.3	20.0					2870	1.79	5	
Lab Sample ID: 1511417-001CDUP Date Analyzed: 11/23/2015 1215h Test Code: TDS-W-2540C													
Total Dissolved Solids	1,000	mg/L	SM2540C	17.5	20.0					1020	2.37	5	
Lab Sample ID: 1511424-001FDUP Date Analyzed: 11/23/2015 1215h Test Code: TDS-W-2540C													
Total Dissolved Solids	11,400	mg/L	SM2540C	438	500					11300	0.881	5	

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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-R85656 Date Analyzed: 12/02/2015 1625h													
Test Code: 300.0-W													
Chloride	4.76	mg/L	E300.0	0.00751	0.100	5.000	0	95.1	90 - 110				
Fluoride	4.77	mg/L	E300.0	0.00681	0.100	5.000	0	95.3	90 - 110				
Sulfate	4.82	mg/L	E300.0	0.0211	0.750	5.000	0	96.3	90 - 110				
Lab Sample ID: LCS-R85375 Date Analyzed: 11/23/2015 810h													
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-40428 Date Analyzed: 11/25/2015 942h													
Test Code: NH3-W-350.1 Date Prepared: 11/23/2015 2030h													
Ammonia (as N)	9.23	mg/L	E350.1	0.0226	0.0500	10.00	0	92.3	90 - 110				
Lab Sample ID: LCS-40623 Date Analyzed: 12/10/2015 1251h													
Test Code: NH3-W-350.1 Date Prepared: 12/09/2015 1100h													
Ammonia (as N)	9.93	mg/L	E350.1	0.0226	0.0500	10.00	0	99.3	90 - 110				
Lab Sample ID: LCS-R85572B Date Analyzed: 11/30/2015 1558h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.971	mg/L	E353.2	0.00833	0.0100	1.000	0	97.1	90 - 110				
Lab Sample ID: LCS-R85572A Date Analyzed: 11/30/2015 1523h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.01	mg/L	E353.2	0.00833	0.0100	1.000	0	101	90 - 110				
Lab Sample ID: LCS--R85572C Date Analyzed: 11/30/2015 1641h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.991	mg/L	E353.2	0.00833	0.0100	1.000	0	99.1	90 - 110				
Lab Sample ID: LCS-R85398 Date Analyzed: 11/20/2015 1230h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	170	mg/L	SM2540C	6.13	10.0	205.0	0	82.9	80 - 120				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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-R85445 Date Analyzed: 11/23/2015 1215h Test Code: TDS-W-2540C													
Total Dissolved Solids	214	mg/L	SM2540C	8.77	10.0	205.0	0	104	80 - 120				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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-R85656	Date Analyzed:	12/02/2015 1608h											
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-R85375	Date Analyzed:	11/23/2015 810h											
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-40428	Date Analyzed:	11/25/2015 948h											
Test Code: NH3-W-350.1	Date Prepared:	11/23/2015 2030h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-40623	Date Analyzed:	12/10/2015 1250h											
Test Code: NH3-W-350.1	Date Prepared:	12/09/2015 1100h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R85572B	Date Analyzed:	11/30/2015 1557h											
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-R85572A	Date Analyzed:	11/30/2015 1522h											
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-R85572C	Date Analyzed:	11/30/2015 1640h											
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	< 0.0100	mg/L	E353.2	0.00833	0.0100								

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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-R85398 Date Analyzed: 11/20/2015 1230h Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								
Lab Sample ID: MB-R85445 Date Analyzed: 11/23/2015 1215h Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	8.77	10.0								

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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: 1511403-001BMS Date Analyzed: 12/02/2015 1749h													
Test Code: 300.0-W													
Chloride	9,470	mg/L	E300.0	15.0	200	10,000	0	94.7	90 - 110				
Fluoride	9,490	mg/L	E300.0	13.6	200	10,000	0	94.9	90 - 110				
Sulfate	11,600	mg/L	E300.0	42.2	1,500	10,000	1950	96.1	90 - 110				
Lab Sample ID: 1511403-002BMS Date Analyzed: 12/02/2015 2111h													
Test Code: 300.0-W													
Chloride	162	mg/L	E300.0	0.150	2.00	100.0	64.9	96.7	90 - 110				
Fluoride	94.2	mg/L	E300.0	0.136	2.00	100.0	0.171	94.0	90 - 110				
Lab Sample ID: 1511403-001BMS Date Analyzed: 11/23/2015 810h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	334	mg/L	SM2320B	0.504	1.00	50.00	286	98.0	80 - 120				
Lab Sample ID: 1511403-001DMS Date Analyzed: 12/10/2015 1307h													
Test Code: NH3-W-350.1 Date Prepared: 12/09/2015 1100h													
Ammonia (as N)	15.9	mg/L	E350.1	0.0226	0.0500	10.00	0.161	157	90 - 110				'
Lab Sample ID: 1511403-001DMS Date Analyzed: 11/30/2015 1643h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.909	mg/L	E353.2	0.00833	0.0100	1.000	0	90.9	90 - 110				

' - 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: 1511403
Project: 4th 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: 1511403-001BMSD Date Analyzed: 12/02/2015 1806h													
Test Code: 300.0-W													
Chloride	9,500	mg/L	E300.0	15.0	200	10,000	0	95.0	90 - 110	9470	0.338	20	
Fluoride	9,500	mg/L	E300.0	13.6	200	10,000	0	95.0	90 - 110	9490	0.151	20	
Sulfate	11,600	mg/L	E300.0	42.2	1,500	10,000	1950	96.3	90 - 110	11600	0.192	20	
Lab Sample ID: 1511403-002BMSD Date Analyzed: 12/02/2015 2128h													
Test Code: 300.0-W													
Chloride	162	mg/L	E300.0	0.150	2.00	100.0	64.9	96.7	90 - 110	162	0.0307	20	
Fluoride	95.3	mg/L	E300.0	0.136	2.00	100.0	0.171	95.1	90 - 110	94.2	1.20	20	
Lab Sample ID: 1511403-001BMSD Date Analyzed: 11/23/2015 810h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	337	mg/L	SM2320B	0.504	1.00	50.00	286	103	80 - 120	335	0.774	10	
Lab Sample ID: 1511403-001DMSD Date Analyzed: 12/10/2015 1307h													
Test Code: NH3-W-350.1 Date Prepared: 12/09/2015 1100h													
Ammonia (as N)	16.7	mg/L	E350.1	0.0226	0.0500	10.00	0.161	165	90 - 110	15.9	4.85	10	1
Lab Sample ID: 1511403-001DMSD Date Analyzed: 11/30/2015 1643h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.910	mg/L	E353.2	0.00833	0.0100	1.000	0	91.0	90 - 110	0.909	0.0989	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: 1511403
Project: 4th 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 112315A Date Analyzed: 11/23/2015 819h													
Test Code: 8260-W-DEN100													
Benzene	21.3	µg/L	SW8260C	0.270	1.00	20.00	0	106	62 - 127				
Chloroform	21.8	µg/L	SW8260C	0.153	1.00	20.00	0	109	67 - 132				
Methylene chloride	21.6	µg/L	SW8260C	0.172	1.00	20.00	0	108	32 - 185				
Naphthalene	16.8	µg/L	SW8260C	0.587	1.00	20.00	0	84.1	28 - 136				
Tetrahydrofuran	15.7	µg/L	SW8260C	0.516	1.00	20.00	0	78.7	43 - 146				
Toluene	20.2	µg/L	SW8260C	0.183	1.00	20.00	0	101	64 - 129				
Xylenes, Total	60.2	µg/L	SW8260C	0.857	1.00	60.00	0	100	52 - 134				
Surr: 1,2-Dichloroethane-d4	52.7	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	44.5	µg/L	SW8260C			50.00		89.0	80 - 152				
Surr: Dibromofluoromethane	50.1	µg/L	SW8260C			50.00		100	67 - 128				
Surr: Toluene-d8	45.5	µg/L	SW8260C			50.00		90.9	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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 112315A Date Analyzed: 11/23/2015 858h													
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	53.7	µg/L	SW8260C			50.00		107	76 - 138				
Surr: 4-Bromofluorobenzene	45.8	µg/L	SW8260C			50.00		91.7	80 - 152				
Surr: Dibromofluoromethane	48.2	µg/L	SW8260C			50.00		96.3	67 - 128				
Surr: Toluene-d8	46.3	µg/L	SW8260C			50.00		92.6	81 - 135				

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1511403
Project: 4th 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: 1511403-002AMS Date Analyzed: 11/23/2015 1202h Test Code: 8260-W-DEN100													
Benzene	21.9	µg/L	SW8260C	0.270	1.00	20.00	0	109	66 - 145				
Chloroform	21.4	µg/L	SW8260C	0.153	1.00	20.00	0	107	50 - 146				
Methylene chloride	21.4	µg/L	SW8260C	0.172	1.00	20.00	0	107	30 - 192				
Naphthalene	19.4	µg/L	SW8260C	0.587	1.00	20.00	0	97.2	41 - 131				
Tetrahydrofuran	18.4	µg/L	SW8260C	0.516	1.00	20.00	0	91.8	43 - 146				
Toluene	21.5	µg/L	SW8260C	0.183	1.00	20.00	0	107	18 - 192				
Xylenes, Total	64.2	µg/L	SW8260C	0.857	1.00	60.00	0	107	42 - 167				
Surr: 1,2-Dichloroethane-d4	50.2	µg/L	SW8260C			50.00		100	72 - 151				
Surr: 4-Bromofluorobenzene	45.2	µg/L	SW8260C			50.00		90.4	80 - 152				
Surr: Dibromofluoromethane	48.4	µg/L	SW8260C			50.00		96.7	80 - 124				
Surr: Toluene-d8	46.2	µg/L	SW8260C			50.00		92.5	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: 1511403
Project: 4th 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: 1511403-002AMSD Date Analyzed: 11/23/2015 1222h													
Test Code: 8260-W-DEN100													
Benzene	20.3	µg/L	SW8260C	0.270	1.00	20.00	0	101	66 - 145	21.9	7.55	25	
Chloroform	20.3	µg/L	SW8260C	0.153	1.00	20.00	0	102	50 - 146	21.4	5.37	25	
Methylene chloride	20.2	µg/L	SW8260C	0.172	1.00	20.00	0	101	30 - 192	21.4	5.92	25	
Naphthalene	18.1	µg/L	SW8260C	0.587	1.00	20.00	0	90.4	41 - 131	19.4	7.20	25	
Tetrahydrofuran	20.2	µg/L	SW8260C	0.516	1.00	20.00	0	101	43 - 146	18.4	9.45	25	
Toluene	20.0	µg/L	SW8260C	0.183	1.00	20.00	0	99.8	18 - 192	21.5	7.19	25	
Xylenes, Total	60.2	µg/L	SW8260C	0.857	1.00	60.00	0	100	42 - 167	64.2	6.43	25	
Surr: 1,2-Dichloroethane-d4	49.6	µg/L	SW8260C			50.00		99.2	72 - 151				
Surr: 4-Bromofluorobenzene	44.9	µg/L	SW8260C			50.00		89.8	80 - 152				
Surr: Dibromofluoromethane	48.2	µg/L	SW8260C			50.00		96.4	80 - 124				
Surr: Toluene-d8	46.2	µg/L	SW8260C			50.00		92.4	77 - 129				

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report 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: **1511403**

Client: Energy Fuels Resources, Inc. Due Date: 12/8/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **4th 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. Samples for metals were field filtered.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511403-001A	**MW-02_11162015**	11/16/2015 1550h	11/20/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511403-001B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511403-001C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511403-001D				**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				
1511403-001E				**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				
1511403-002A	**MW-12_11172015**	11/17/2015 1125h	11/20/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511403-002B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				

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WORK ORDER Summary

Work Order: **1511403**

Client: Energy Fuels Resources, Inc. Due Date: 12/8/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511403-002C	**MW-12_11172015**	11/17/2015 1125h	11/20/2015 1030h	**TDS-W-2540C**	Aqueous		ww - tds	1
				1 SEL Analytes: TDS				
1511403-002D				**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				
1511403-002E				**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				
1511403-003A	**MW-15_11162015**	11/16/2015 1320h	11/20/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511403-003B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511403-003C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511403-003D				**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				
1511403-003E				**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: **1511403**

Client: Energy Fuels Resources, Inc. Due Date: 12/8/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511403-003E	**MW-15_11162015**	11/16/2015 1320h	11/20/2015 1030h	**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				
1511403-004A	**MW-22_11172015**	11/17/2015 1430h	11/20/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511403-004B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511403-004C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511403-004D				**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				
1511403-004E				**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				
1511403-005A	**MW-23_11182015**	11/18/2015 1000h	11/20/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511403-005B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511403-005C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				

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WORK ORDER Summary

Work Order: **1511403**

Client: Energy Fuels Resources, Inc. Due Date: 12/8/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511403-005D	**MW-23_11182015**	11/18/2015 1000h	11/20/2015 1030h	**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				
1511403-005E				**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				
1511403-006A	**MW-24_11182015**	11/18/2015 0930h	11/20/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511403-006B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511403-006C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511403-006D				**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				
1511403-006E				**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: **1511403**

Client: Energy Fuels Resources, Inc. Due Date: 12/8/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511403-006E	**MW-24_11182015**	11/18/2015 0930h	11/20/2015 1030h	**HG-DW-DIS-PR**	Aqueous		df-met	1
				IONBALANCE			df-met	
				5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc				
1511403-007A	**MW-29_11162015**	11/16/2015 1240h	11/20/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511403-007B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511403-007C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511403-007D				**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				
1511403-007E				**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				
1511403-008A	**MW-70_11172015**	11/17/2015 1430h	11/20/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1511403-008B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1511403-008C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1511403-008D				**NH3-W-350.1**			df - no2/no3 & nh3	
				1 SEL Analytes: NH3N				
				NH3-W-PR			df - no2/no3 & nh3	

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WORK ORDER Summary

Work Order: **1511403**

Client: Energy Fuels Resources, Inc. Due Date: 12/8/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1511403-008D	**MW-70_11172015**	11/17/2015 1430h	11/20/2015 1030h	**NO2/NO3-W-353.2**	Aqueous		df - no2/no3 & nh3	1
				1 SEL Analytes: NO3NO2N				
1511403-008E				**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				
1511403-009A	**Trip Blank**	11/16/2015	11/20/2015 1030h	**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

1511 403
AWAL Lab Sample Set #
Page 1 of 1

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; tdturk@energyfuels.com**
Project Name: ~~**2nd Quarter Groundwater 2013**~~ **2015**
Project #: 4th quarter changed per Kathy Weinel
PO #: 11/24/15
Sampler Name:

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

Laboratory Use Only

Samples Were: UPS
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

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

	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, Sc, Ag, Tl, Sn, U, V, Zn, Na, K, Mg, Ca	Ion Balance	VOCs (8260C)	Known Hazards & Sample Comments
1	MW-02_11162015	11/16/2015	1550	7	W	x	x	x	x	x	x	x	x	x	x	
2	MW-12_11172015	11/17/2015	1125	7	W	x	x	x	x	x	x	x	x	x	x	
3	MW-15_11162015	11/16/2015	1320	7	W	x	x	x	x	x	x	x	x	x	x	
4	MW-22_11172015	11/17/2015	1430	7	W	x	x	x	x	x	x	x	x	x	x	
5	MW-23_11182015	11/18/2015	1000	7	W	x	x	x	x	x	x	x	x	x	x	
6	MW-24_11182015	11/18/2015	930	7	W	x	x	x	x	x	x	x	x	x	x	
7	MW-29_11162015	11/16/2015	1240	7	W	x	x	x	x	x	x	x	x	x	x	
8	MW-70_11172015	11/17/2015	1430	7	W	x	x	x	x	x	x	x	x	x	x	
9	TRIP BLANK	11/16/2015		3	W										x	
10	TEMP BLANK	11/19/2015		1	W											
11																
12																

Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Tanner Holliday	11/19/2015	1200			
Print Name: TANNER HOLLIDAY			Print Name:		
Relinquished by: Signature	Date:	Time:	Received by: Signature	Date: 11/20/15	Time: 1030
Print Name:			Print Name: Elena Hayward		
Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Print Name:			Print Name:		
Relinquished by: Signature	Date:	Time:	Received by: Signature	Date:	Time:
Print Name:			Print Name:		

Special Instructions:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Lab Set ID: 1511403

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7	8										
Ammonia	pH <2 H_2SO_4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes										
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3																		
NO_2 & NO_3	pH <2 H_2SO_4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes										
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
T PO_4	pH <2 H_2SO_4																		

Procedure:
1) Pour a small amount of sample in the sample lid
2) Pour sample from Lid gently over wide range pH paper
3) **Do Not** dip the pH paper in the sample bottle or lid
4) If sample is not preserved, properly list its extension and receiving pH in the appropriate column above
5) Flag COC, notify client if requested
6) Place client conversation on COC
7) Samples may be adjusted

Frequency: All samples requiring preservation

* The sample required additional preservative upon receipt.

\+ The sample was received unpreserved.

▲ The sample was received unpreserved and therefore preserved upon receipt.

\# The sample pH was unadjustable to a pH < 2 due to the sample matrix.

• The sample pH was unadjustable to a pH > ____ due to the sample matrix interference.

American West
ANALYTICAL LABORATORIES

Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: 4th Quarter Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1512251

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 sample(s) on 12/11/2015 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, Wyoming, 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: 2016.01.05 11:44:37 -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: 4th Quarter Groundwater 2015
Lab Set ID: 1512251
Date Received: 12/11/2015 1000h

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
1512251-001A	MW-37_12092015	12/9/2015	1230h	Aqueous	VOA by GC/MS Method 8260C/5030C
1512251-001B	MW-37_12092015	12/9/2015	1230h	Aqueous	Anions, E300.0
1512251-001B	MW-37_12092015	12/9/2015	1230h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1512251-001C	MW-37_12092015	12/9/2015	1230h	Aqueous	Total Dissolved Solids, A2540C
1512251-001D	MW-37_12092015	12/9/2015	1230h	Aqueous	Nitrite/Nitrate (as N), E353.2
1512251-001D	MW-37_12092015	12/9/2015	1230h	Aqueous	Ammonia, Aqueous
1512251-001E	MW-37_12092015	12/9/2015	1230h	Aqueous	Mercury, Drinking Water Dissolved
1512251-001E	MW-37_12092015	12/9/2015	1230h	Aqueous	Ion Balance
1512251-001E	MW-37_12092015	12/9/2015	1230h	Aqueous	ICP Metals, Dissolved
1512251-001E	MW-37_12092015	12/9/2015	1230h	Aqueous	ICPMS Metals, Dissolved
1512251-002A	MW-20_12092015	12/9/2015	1255h	Aqueous	VOA by GC/MS Method 8260C/5030C
1512251-002B	MW-20_12092015	12/9/2015	1255h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1512251-002B	MW-20_12092015	12/9/2015	1255h	Aqueous	Anions, E300.0
1512251-002C	MW-20_12092015	12/9/2015	1255h	Aqueous	Total Dissolved Solids, A2540C
1512251-002D	MW-20_12092015	12/9/2015	1255h	Aqueous	Nitrite/Nitrate (as N), E353.2
1512251-002D	MW-20_12092015	12/9/2015	1255h	Aqueous	Ammonia, Aqueous
1512251-002E	MW-20_12092015	12/9/2015	1255h	Aqueous	Ion Balance
1512251-002E	MW-20_12092015	12/9/2015	1255h	Aqueous	ICP Metals, Dissolved
1512251-002E	MW-20_12092015	12/9/2015	1255h	Aqueous	ICPMS Metals, Dissolved
1512251-002E	MW-20_12092015	12/9/2015	1255h	Aqueous	Mercury, Drinking Water Dissolved
1512251-003A	Trip Blank	12/9/2015		Aqueous	VOA by GC/MS Method 8260C/5030C

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Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: 4th Quarter Groundwater 2015
Lab Set ID: 1512251

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: 12/11/2015
Date of Collection: 12/9/2015
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
1512251-001E	Calcium	MS/MSD	High analyte concentration
1512251-001E	Magnesium	MS/MSD	High analyte concentration
1512251-001E	Sodium	MS/MSD	High analyte concentration
1512251-001D	Ammonia	MS/MSD	Sample matrix interference
1512253-004C	Ammonia	MS/MSD	Sample matrix interference

Duplicate (DUP): The parameters that required a duplicate analysis had RPDs within the control limits, with the following exception: The RPD for TDS was outside of control limits on sample 1512253-005D due to suspected sample non-homogeneity or matrix interference.

Corrective Action: None required.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	4th Quarter Groundwater 2015
Lab Set ID:	1512251

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:	12/11/2015
Date of Collection:	12/9/2015
Sample Condition:	Intact
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.

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: 1512251
Project: 4th 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-40680	Date Analyzed:	12/15/2015 909h											
Test Code: 200.7-DIS	Date Prepared:	12/11/2015 1421h											
Calcium	9.74	mg/L	E200.7	0.0401	1.00	10.00	0	97.4	85 - 115				
Magnesium	9.75	mg/L	E200.7	0.0294	1.00	10.00	0	97.5	85 - 115				
Potassium	9.47	mg/L	E200.7	0.247	1.00	10.00	0	94.7	85 - 115				
Sodium	9.91	mg/L	E200.7	0.0330	1.00	10.00	0	99.1	85 - 115				
Vanadium	0.181	mg/L	E200.7	0.00116	0.00500	0.2000	0	90.4	85 - 115				
Lab Sample ID: LCS-40681	Date Analyzed:	12/15/2015 905h											
Test Code: 200.8-DIS	Date Prepared:	12/11/2015 1421h											
Arsenic	0.197	mg/L	E200.8	0.0000920	0.00200	0.2000	0	98.4	85 - 115				
Beryllium	0.208	mg/L	E200.8	0.0000288	0.00200	0.2000	0	104	85 - 115				
Cadmium	0.201	mg/L	E200.8	0.000193	0.000500	0.2000	0	100	85 - 115				
Chromium	0.201	mg/L	E200.8	0.00154	0.00200	0.2000	0	100	85 - 115				
Cobalt	0.197	mg/L	E200.8	0.0000434	0.00400	0.2000	0	98.4	85 - 115				
Copper	0.200	mg/L	E200.8	0.000692	0.00200	0.2000	0	100	85 - 115				
Iron	1.00	mg/L	E200.8	0.0118	0.100	1.000	0	100	85 - 115				
Lead	0.200	mg/L	E200.8	0.000264	0.00200	0.2000	0	100	85 - 115				
Manganese	0.202	mg/L	E200.8	0.00153	0.00200	0.2000	0	101	85 - 115				
Molybdenum	0.200	mg/L	E200.8	0.000206	0.00200	0.2000	0	99.8	85 - 115				
Nickel	0.201	mg/L	E200.8	0.000754	0.00200	0.2000	0	101	85 - 115				
Selenium	0.200	mg/L	E200.8	0.0000634	0.00200	0.2000	0	100	85 - 115				
Silver	0.195	mg/L	E200.8	0.0000244	0.00200	0.2000	0	97.4	85 - 115				
Thallium	0.198	mg/L	E200.8	0.0000242	0.00200	0.2000	0	99.1	85 - 115				
Tin	1.01	mg/L	E200.8	0.000348	0.00200	1.000	0	101	85 - 115				
Uranium	0.205	mg/L	E200.8	0.0000112	0.00200	0.2000	0	103	85 - 115				
Zinc	1.02	mg/L	E200.8	0.00476	0.00500	1.000	0	102	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: 1512251
Project: 4th 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-40796**	Date Analyzed:	12/21/2015 1131h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	12/18/2015 1630h											
Mercury		0.00362	mg/L	E245.1	0.00000559	0.000150	0.003330	0	109	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: 1512251
Project: 4th 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-40680	Date Analyzed:	12/15/2015 907h											
Test Code: 200.7-DIS	Date Prepared:	12/11/2015 1421h											
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								
Lab Sample ID: MB-FILTER-40674	Date Analyzed:	12/15/2015 912h											
Test Code: 200.7-DIS	Date Prepared:	12/11/2015 1421h											
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								
Lab Sample ID: MB-40681	Date Analyzed:	12/15/2015 1005h											
Test Code: 200.8-DIS	Date Prepared:	12/11/2015 1421h											
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								
Lab Sample ID: MB-40681	Date Analyzed:	12/15/2015 1024h											
Test Code: 200.8-DIS	Date Prepared:	12/11/2015 1421h											
Uranium	< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID: MB-40681	Date Analyzed:	12/15/2015 902h											
Test Code: 200.8-DIS	Date Prepared:	12/11/2015 1421h											
Arsenic	< 0.00200	mg/L	E200.8	0.0000920	0.00200								
Cadmium	< 0.000500	mg/L	E200.8	0.000193	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: 1512251
Project: 4th 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-40681**	Date Analyzed:	12/15/2015 902h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
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								
Zinc		< 0.00500	mg/L	E200.8	0.00476	0.00500								
Lab Sample ID:	**MB-40796**	Date Analyzed:	12/21/2015 1129h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	12/18/2015 1630h											
Mercury		< 0.000150	mg/L	E245.1	0.00000559	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: 1512251
Project: 4th 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:	**1512251-001EMS**	Date Analyzed:	12/15/2015 1021h											
Test Code:	200.7-DIS	Date Prepared:	12/11/2015 1421h											
Potassium		25.2	mg/L	E200.7	0.247	1.00	10.00	14.6	106	70 - 130				
Lab Sample ID:	**1512251-001EMS**	Date Analyzed:	12/15/2015 927h											
Test Code:	200.7-DIS	Date Prepared:	12/11/2015 1421h											
Calcium		515	mg/L	E200.7	0.401	10.0	10.00	489	252	70 - 130				2
Magnesium		145	mg/L	E200.7	0.294	10.0	10.00	130	150	70 - 130				2
Sodium		533	mg/L	E200.7	0.330	10.0	10.00	497	358	70 - 130				2
Lab Sample ID:	**1512251-001EMS**	Date Analyzed:	12/15/2015 1345h											
Test Code:	200.7-DIS	Date Prepared:	12/11/2015 1421h											
Vanadium		0.208	mg/L	E200.7	0.00116	0.00500	0.2000	0	104	70 - 130				
Lab Sample ID:	**1512251-001EMS**	Date Analyzed:	12/15/2015 924h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Arsenic		0.211	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000535	105	75 - 125				
Beryllium		0.195	mg/L	E200.8	0.0000288	0.00200	0.2000	0	97.6	75 - 125				
Cadmium		0.201	mg/L	E200.8	0.000193	0.000500	0.2000	0.000509	100	75 - 125				
Chromium		0.199	mg/L	E200.8	0.00154	0.00200	0.2000	0	99.6	75 - 125				
Cobalt		0.194	mg/L	E200.8	0.0000434	0.00400	0.2000	0.000307	96.7	75 - 125				
Copper		0.193	mg/L	E200.8	0.000692	0.00200	0.2000	0.00126	95.7	75 - 125				
Iron		0.988	mg/L	E200.8	0.0118	0.100	1.000	0	98.8	75 - 125				
Lead		0.194	mg/L	E200.8	0.000264	0.00200	0.2000	0	97.1	75 - 125				
Manganese		0.217	mg/L	E200.8	0.00153	0.00200	0.2000	0.0211	97.8	75 - 125				
Molybdenum		0.213	mg/L	E200.8	0.000206	0.00200	0.2000	0.000661	106	75 - 125				
Nickel		0.205	mg/L	E200.8	0.000754	0.00200	0.2000	0.00879	97.9	75 - 125				
Selenium		0.210	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00593	102	75 - 125				
Silver		0.172	mg/L	E200.8	0.0000244	0.00200	0.2000	0	85.8	75 - 125				
Thallium		0.193	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000851	96.0	75 - 125				
Tin		1.05	mg/L	E200.8	0.000348	0.00200	1.000	0	105	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: 1512251
Project: 4th 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:	**1512251-001EMS**	Date Analyzed:	12/15/2015 924h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Uranium		0.219	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0139	103	75 - 125				
Zinc		1.07	mg/L	E200.8	0.00476	0.00500	1.000	0.033	103	75 - 125				
Lab Sample ID:	**1512253-001AMS**	Date Analyzed:	12/15/2015 946h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Arsenic		0.204	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000348	102	75 - 125				
Beryllium		0.196	mg/L	E200.8	0.0000288	0.00200	0.2000	0	98.0	75 - 125				
Cadmium		0.196	mg/L	E200.8	0.000193	0.000500	0.2000	0	98.1	75 - 125				
Chromium		0.194	mg/L	E200.8	0.00154	0.00200	0.2000	0	97.2	75 - 125				
Cobalt		0.192	mg/L	E200.8	0.0000434	0.00400	0.2000	0.000362	95.9	75 - 125				
Copper		0.192	mg/L	E200.8	0.000692	0.00200	0.2000	0	95.9	75 - 125				
Iron		1.01	mg/L	E200.8	0.0118	0.100	1.000	0.0857	92.7	75 - 125				
Lead		0.193	mg/L	E200.8	0.000264	0.00200	0.2000	0	96.6	75 - 125				
Manganese		0.328	mg/L	E200.8	0.00153	0.00200	0.2000	0.139	94.4	75 - 125				
Molybdenum		0.207	mg/L	E200.8	0.000206	0.00200	0.2000	0.0025	102	75 - 125				
Nickel		0.194	mg/L	E200.8	0.000754	0.00200	0.2000	0	97.0	75 - 125				
Selenium		0.197	mg/L	E200.8	0.0000634	0.00200	0.2000	0.0000929	98.2	75 - 125				
Silver		0.183	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000724	91.5	75 - 125				
Thallium		0.190	mg/L	E200.8	0.0000242	0.00200	0.2000	0	94.9	75 - 125				
Tin		1.03	mg/L	E200.8	0.000348	0.00200	1.000	0	103	75 - 125				
Uranium		0.202	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000663	101	75 - 125				
Zinc		1.03	mg/L	E200.8	0.00476	0.00500	1.000	0.00481	103	75 - 125				
Lab Sample ID:	**1512251-001EMS**	Date Analyzed:	12/21/2015 1138h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	12/18/2015 1630h											
Mercury		0.00364	mg/L	E245.1	0.00000559	0.000150	0.003330	0.00001	109	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: 1512251
Project: 4th 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:	**1512251-001EMSD**	Date Analyzed:	12/15/2015 1024h											
Test Code:	200.7-DIS	Date Prepared:	12/11/2015 1421h											
Potassium		24.6	mg/L	E200.7	0.247	1.00	10.00	14.6	100	70 - 130	25.2	2.18	20	
Lab Sample ID:	**1512251-001EMSD**	Date Analyzed:	12/15/2015 930h											
Test Code:	200.7-DIS	Date Prepared:	12/11/2015 1421h											
Calcium		481	mg/L	E200.7	0.401	10.0	10.00	489	-80.5	70 - 130	515	6.68	20	2
Magnesium		136	mg/L	E200.7	0.294	10.0	10.00	130	58.4	70 - 130	145	6.51	20	2
Sodium		494	mg/L	E200.7	0.330	10.0	10.00	497	-30.0	70 - 130	533	7.55	20	2
Lab Sample ID:	**1512251-001EMSD**	Date Analyzed:	12/15/2015 1348h											
Test Code:	200.7-DIS	Date Prepared:	12/11/2015 1421h											
Vanadium		0.207	mg/L	E200.7	0.00116	0.00500	0.2000	0	104	70 - 130	0.208	0.268	20	
Lab Sample ID:	**1512251-001EMSD**	Date Analyzed:	12/15/2015 927h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Arsenic		0.214	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000535	107	75 - 125	0.211	1.62	20	
Beryllium		0.202	mg/L	E200.8	0.0000288	0.00200	0.2000	0	101	75 - 125	0.195	3.25	20	
Cadmium		0.205	mg/L	E200.8	0.000193	0.000500	0.2000	0.000509	102	75 - 125	0.201	1.97	20	
Chromium		0.203	mg/L	E200.8	0.00154	0.00200	0.2000	0	101	75 - 125	0.199	1.84	20	
Cobalt		0.199	mg/L	E200.8	0.0000434	0.00400	0.2000	0.000307	99.4	75 - 125	0.194	2.80	20	
Copper		0.198	mg/L	E200.8	0.000692	0.00200	0.2000	0.00126	98.5	75 - 125	0.193	2.88	20	
Iron		1.01	mg/L	E200.8	0.0118	0.100	1.000	0	101	75 - 125	0.988	2.25	20	
Lead		0.198	mg/L	E200.8	0.000264	0.00200	0.2000	0	99.0	75 - 125	0.194	1.99	20	
Manganese		0.221	mg/L	E200.8	0.00153	0.00200	0.2000	0.0211	100	75 - 125	0.217	2.14	20	
Molybdenum		0.218	mg/L	E200.8	0.000206	0.00200	0.2000	0.000661	109	75 - 125	0.213	2.17	20	
Nickel		0.211	mg/L	E200.8	0.000754	0.00200	0.2000	0.00879	101	75 - 125	0.205	2.94	20	
Selenium		0.213	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00593	103	75 - 125	0.21	1.28	20	
Silver		0.186	mg/L	E200.8	0.0000244	0.00200	0.2000	0	93.0	75 - 125	0.172	8.09	20	
Thallium		0.197	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000851	98.0	75 - 125	0.193	2.02	20	
Tin		1.09	mg/L	E200.8	0.000348	0.00200	1.000	0	109	75 - 125	1.05	3.13	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: 1512251
Project: 4th 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:	**1512251-001EMSD**	Date Analyzed:	12/15/2015 927h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Uranium		0.223	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0139	105	75 - 125	0.219	1.77	20	
Zinc		1.08	mg/L	E200.8	0.00476	0.00500	1.000	0.033	105	75 - 125	1.07	1.33	20	
Lab Sample ID:	**1512253-001AMSD**	Date Analyzed:	12/15/2015 949h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Arsenic		0.203	mg/L	E200.8	0.0000920	0.00200	0.2000	0.000348	101	75 - 125	0.204	0.485	20	
Beryllium		0.199	mg/L	E200.8	0.0000288	0.00200	0.2000	0	99.3	75 - 125	0.196	1.35	20	
Cadmium		0.199	mg/L	E200.8	0.000193	0.000500	0.2000	0	99.3	75 - 125	0.196	1.25	20	
Chromium		0.197	mg/L	E200.8	0.00154	0.00200	0.2000	0	98.6	75 - 125	0.194	1.45	20	
Cobalt		0.194	mg/L	E200.8	0.0000434	0.00400	0.2000	0.000362	96.7	75 - 125	0.192	0.797	20	
Copper		0.193	mg/L	E200.8	0.000692	0.00200	0.2000	0	96.7	75 - 125	0.192	0.858	20	
Iron		1.04	mg/L	E200.8	0.0118	0.100	1.000	0.0857	95.0	75 - 125	1.01	2.24	20	
Lead		0.194	mg/L	E200.8	0.000264	0.00200	0.2000	0	96.8	75 - 125	0.193	0.190	20	
Manganese		0.331	mg/L	E200.8	0.00153	0.00200	0.2000	0.139	95.9	75 - 125	0.328	0.944	20	
Molybdenum		0.210	mg/L	E200.8	0.000206	0.00200	0.2000	0.0025	104	75 - 125	0.207	1.33	20	
Nickel		0.198	mg/L	E200.8	0.000754	0.00200	0.2000	0	99.0	75 - 125	0.194	2.03	20	
Selenium		0.200	mg/L	E200.8	0.0000634	0.00200	0.2000	0.0000929	99.7	75 - 125	0.197	1.49	20	
Silver		0.186	mg/L	E200.8	0.0000244	0.00200	0.2000	0.0000724	93.0	75 - 125	0.183	1.65	20	
Thallium		0.191	mg/L	E200.8	0.0000242	0.00200	0.2000	0	95.4	75 - 125	0.19	0.588	20	
Tin		1.04	mg/L	E200.8	0.000348	0.00200	1.000	0	104	75 - 125	1.03	0.704	20	
Uranium		0.203	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000663	101	75 - 125	0.202	0.599	20	
Zinc		1.03	mg/L	E200.8	0.00476	0.00500	1.000	0.00481	103	75 - 125	1.03	0.0794	20	
Lab Sample ID:	**1512251-001EMSD**	Date Analyzed:	12/21/2015 1143h											
Test Code:	HG-DW-DIS-245.1	Date Prepared:	12/18/2015 1630h											
Mercury		0.00375	mg/L	E245.1	0.00000559	0.000150	0.003330	0.00001	112	85 - 115	0.00365	2.88	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: 1512251
Project: 4th 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: 1512251-001CDUP Date Analyzed: 12/11/2015 1305h Test Code: TDS-W-2540C													
Total Dissolved Solids	3,970	mg/L	SM2540C	17.5	20.0					3910	1.52	5	
Lab Sample ID: 1512253-005DDUP Date Analyzed: 12/11/2015 1305h Test Code: TDS-W-2540C													
Total Dissolved Solids	1,460	mg/L	SM2540C	17.5	20.0					1580	7.37	5	@

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

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512251
Project: 4th 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-R86044 Date Analyzed: 12/15/2015 1339h													
Test Code: 300.0-W													
Chloride	4.90	mg/L	E300.0	0.00751	0.100	5.000	0	97.9	90 - 110				
Fluoride	4.93	mg/L	E300.0	0.00681	0.100	5.000	0	98.7	90 - 110				
Sulfate	5.00	mg/L	E300.0	0.0211	0.750	5.000	0	100	90 - 110				
Lab Sample ID: LCS-R85946 Date Analyzed: 12/14/2015 737h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	49,900	mg/L	SM2320B	0.504	1.00	50,000	0	99.8	90 - 110				
Lab Sample ID: LCS-40802 Date Analyzed: 12/22/2015 2006h													
Test Code: NH3-W-350.1 Date Prepared: 12/21/2015 1030h													
Ammonia (as N)	9.30	mg/L	E350.1	0.0226	0.0500	10.00	0	93.0	90 - 110				
Lab Sample ID: LCS-R86136 Date Analyzed: 12/18/2015 1027h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.02	mg/L	E353.2	0.00833	0.0100	1.000	0	102	90 - 110				
Lab Sample ID: LCS-R85971 Date Analyzed: 12/11/2015 1305h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	216	mg/L	SM2540C	8.77	10.0	205.0	0	105	80 - 120				

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Kyle F. Gross
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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512251
Project: 4th 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-R86044	Date Analyzed:	12/15/2015 1322h											
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-R85946	Date Analyzed:	12/14/2015 737h											
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-40802	Date Analyzed:	12/22/2015 2005h											
Test Code: NH3-W-350.1	Date Prepared:	12/21/2015 1030h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R86136	Date Analyzed:	12/18/2015 1034h											
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-R85971	Date Analyzed:	12/11/2015 1305h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	8.77	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: 1512251
Project: 4th 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: 1512251-001BMS Date Analyzed: 12/15/2015 1825h Test Code: 300.0-W													
Chloride	9,930	mg/L	E300.0	15.0	200	10,000	47.2	98.9	90 - 110				
Fluoride	10,000	mg/L	E300.0	13.6	200	10,000	0	100	90 - 110				
Sulfate	12,700	mg/L	E300.0	42.2	1,500	10,000	2600	101	90 - 110				
Lab Sample ID: 1512253-005BMS Date Analyzed: 12/15/2015 1950h Test Code: 300.0-W													
Chloride	1,240	mg/L	E300.0	1.50	20.0	1,000	231	101	90 - 110				
Sulfate	1,720	mg/L	E300.0	4.22	150	1,000	690	103	90 - 110				
Lab Sample ID: 1512251-002BMS Date Analyzed: 12/14/2015 737h Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	84.7	mg/L	SM2320B	0.504	1.00	50.00	35.3	98.8	80 - 120				
Lab Sample ID: 1512251-001DMS Date Analyzed: 12/22/2015 2007h Test Code: NH3-W-350.1 Date Prepared: 12/21/2015 1030h													
Ammonia (as N)	14.6	mg/L	E350.1	0.0226	0.0500	10.00	0.0231	146	90 - 110				'
Lab Sample ID: 1512253-004CMS Date Analyzed: 12/22/2015 2011h Test Code: NH3-W-350.1 Date Prepared: 12/21/2015 1030h													
Ammonia (as N)	16.4	mg/L	E350.1	0.0226	0.0500	10.00	0	164	90 - 110				'
Lab Sample ID: 1512251-001DMS Date Analyzed: 12/18/2015 1046h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.22	mg/L	E353.2	0.00833	0.0100	1.000	0.185	103	90 - 110				
Lab Sample ID: 1512253-003CMS Date Analyzed: 12/18/2015 1051h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	11.7	mg/L	E353.2	0.0833	0.100	10.00	1.21	105	90 - 110				

' - 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: 1512251
Project: 4th 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: 1512251-001BMSD Date Analyzed: 12/15/2015 1842h Test Code: 300.0-W													
Chloride	10,200	mg/L	E300.0	15.0	200	10,000	47.2	102	90 - 110	9930	2.82	20	
Fluoride	10,500	mg/L	E300.0	13.6	200	10,000	0	105	90 - 110	10000	4.48	20	
Sulfate	12,900	mg/L	E300.0	42.2	1,500	10,000	2600	103	90 - 110	12700	1.36	20	
Lab Sample ID: 1512253-005BMSD Date Analyzed: 12/15/2015 2007h Test Code: 300.0-W													
Chloride	1,250	mg/L	E300.0	1.50	20.0	1,000	231	102	90 - 110	1240	0.601	20	
Sulfate	1,740	mg/L	E300.0	4.22	150	1,000	690	105	90 - 110	1720	1.17	20	
Lab Sample ID: 1512251-002BMSD Date Analyzed: 12/14/2015 737h Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	84.3	mg/L	SM2320B	0.504	1.00	50.00	35.3	98.0	80 - 120	84.7	0.473	10	
Lab Sample ID: 1512251-001DMSD Date Analyzed: 12/22/2015 2008h Test Code: NH3-W-350.1 Date Prepared: 12/21/2015 1030h													
Ammonia (as N)	16.1	mg/L	E350.1	0.0226	0.0500	10.00	0.0231	161	90 - 110	14.6	9.77	10	'
Lab Sample ID: 1512253-004CMSD Date Analyzed: 12/22/2015 2011h Test Code: NH3-W-350.1 Date Prepared: 12/21/2015 1030h													
Ammonia (as N)	15.8	mg/L	E350.1	0.0226	0.0500	10.00	0	158	90 - 110	16.4	3.55	10	'
Lab Sample ID: 1512251-001DMSD Date Analyzed: 12/18/2015 1047h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.25	mg/L	E353.2	0.00833	0.0100	1.000	0.185	106	90 - 110	1.22	2.68	10	
Lab Sample ID: 1512253-003CMSD Date Analyzed: 12/18/2015 1052h Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	11.6	mg/L	E353.2	0.0833	0.100	10.00	1.21	104	90 - 110	11.7	0.343	10	

' - 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: 1512251
Project: 4th 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 121415A Date Analyzed: 12/14/2015 848h													
Test Code: 8260-W-DEN100													
Benzene	22.3	µg/L	SW8260C	0.270	1.00	20.00	0	112	62 - 127				
Chloroform	21.2	µg/L	SW8260C	0.153	1.00	20.00	0	106	67 - 132				
Methylene chloride	23.0	µg/L	SW8260C	0.172	1.00	20.00	0	115	32 - 185				
Naphthalene	18.5	µg/L	SW8260C	0.587	1.00	20.00	0	92.4	28 - 136				
Tetrahydrofuran	18.6	µg/L	SW8260C	0.516	1.00	20.00	0	93.0	43 - 146				
Toluene	21.3	µg/L	SW8260C	0.183	1.00	20.00	0	106	64 - 129				
Xylenes, Total	59.8	µg/L	SW8260C	0.857	1.00	60.00	0	99.7	52 - 134				
Surr: 1,2-Dichloroethane-d4	51.4	µg/L	SW8260C			50.00		103	76 - 138				
Surr: 4-Bromofluorobenzene	49.3	µg/L	SW8260C			50.00		98.6	80 - 152				
Surr: Dibromofluoromethane	51.1	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	49.0	µg/L	SW8260C			50.00		97.9	81 - 135				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512251
Project: 4th 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 121415A Date Analyzed: 12/14/2015 931h													
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	53.8	µg/L	SW8260C			50.00		108	76 - 138				
Surr: 4-Bromofluorobenzene	51.4	µg/L	SW8260C			50.00		103	80 - 152				
Surr: Dibromofluoromethane	52.1	µg/L	SW8260C			50.00		104	67 - 128				
Surr: Toluene-d8	50.4	µg/L	SW8260C			50.00		101	81 - 135				

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512251
Project: 4th 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: 1512251-002AMS Date Analyzed: 12/14/2015 1413h													
Test Code: 8260-W-DEN100													
Benzene	22.2	µg/L	SW8260C	0.270	1.00	20.00	0	111	66 - 145				
Chloroform	21.5	µg/L	SW8260C	0.153	1.00	20.00	0	108	50 - 146				
Methylene chloride	23.3	µg/L	SW8260C	0.172	1.00	20.00	0	116	30 - 192				
Naphthalene	17.3	µg/L	SW8260C	0.587	1.00	20.00	0	86.6	41 - 131				
Tetrahydrofuran	22.4	µg/L	SW8260C	0.516	1.00	20.00	0	112	43 - 146				
Toluene	21.4	µg/L	SW8260C	0.183	1.00	20.00	0	107	18 - 192				
Xylenes, Total	58.6	µg/L	SW8260C	0.857	1.00	60.00	0	97.6	42 - 167				
Surr: 1,2-Dichloroethane-d4	53.3	µg/L	SW8260C			50.00		107	72 - 151				
Surr: 4-Bromofluorobenzene	50.7	µg/L	SW8260C			50.00		101	80 - 152				
Surr: Dibromofluoromethane	51.7	µg/L	SW8260C			50.00		103	80 - 124				
Surr: Toluene-d8	49.1	µg/L	SW8260C			50.00		98.2	77 - 129				
Lab Sample ID: 1512253-003DMS Date Analyzed: 12/14/2015 1314h													
Test Code: 8260-W-DEN100													
Benzene	2,380	µg/L	SW8260C	27.0	100	2,000	0	119	66 - 145				
Chloroform	5,320	µg/L	SW8260C	15.3	100	2,000	3140	109	50 - 146				
Methylene chloride	2,460	µg/L	SW8260C	17.2	100	2,000	72	120	30 - 192				
Naphthalene	1,870	µg/L	SW8260C	58.7	100	2,000	0	93.6	41 - 131				
Tetrahydrofuran	2,200	µg/L	SW8260C	51.6	100	2,000	0	110	43 - 146				
Toluene	2,240	µg/L	SW8260C	18.3	100	2,000	0	112	18 - 192				
Xylenes, Total	6,170	µg/L	SW8260C	85.7	100	6,000	0	103	42 - 167				
Surr: 1,2-Dichloroethane-d4	5,320	µg/L	SW8260C			5,000		106	72 - 151				
Surr: 4-Bromofluorobenzene	4,930	µg/L	SW8260C			5,000		98.6	80 - 152				
Surr: Dibromofluoromethane	5,180	µg/L	SW8260C			5,000		104	80 - 124				
Surr: Toluene-d8	5,000	µg/L	SW8260C			5,000		100	77 - 129				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512251
Project: 4th 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: 1512251-002AMSD Date Analyzed: 12/14/2015 1432h													
Test Code: 8260-W-DEN100													
Benzene	20.4	µg/L	SW8260C	0.270	1.00	20.00	0	102	66 - 145	22.2	8.36	25	
Chloroform	19.8	µg/L	SW8260C	0.153	1.00	20.00	0	99.2	50 - 146	21.5	8.27	25	
Methylene chloride	20.8	µg/L	SW8260C	0.172	1.00	20.00	0	104	30 - 192	23.3	11.3	25	
Naphthalene	16.2	µg/L	SW8260C	0.587	1.00	20.00	0	81.1	41 - 131	17.3	6.50	25	
Tetrahydrofuran	21.8	µg/L	SW8260C	0.516	1.00	20.00	0	109	43 - 146	22.4	2.49	25	
Toluene	19.7	µg/L	SW8260C	0.183	1.00	20.00	0	98.6	18 - 192	21.4	8.12	25	
Xylenes, Total	55.5	µg/L	SW8260C	0.857	1.00	60.00	0	92.5	42 - 167	58.6	5.35	25	
Surr: 1,2-Dichloroethane-d4	52.8	µg/L	SW8260C			50.00		106	72 - 151				
Surr: 4-Bromofluorobenzene	50.4	µg/L	SW8260C			50.00		101	80 - 152				
Surr: Dibromofluoromethane	51.8	µg/L	SW8260C			50.00		104	80 - 124				
Surr: Toluene-d8	48.9	µg/L	SW8260C			50.00		97.8	77 - 129				
Lab Sample ID: 1512253-003DMSD Date Analyzed: 12/14/2015 1334h													
Test Code: 8260-W-DEN100													
Benzene	2,210	µg/L	SW8260C	27.0	100	2,000	0	111	66 - 145	2380	7.44	25	
Chloroform	5,090	µg/L	SW8260C	15.3	100	2,000	3140	97.7	50 - 146	5320	4.46	25	
Methylene chloride	2,410	µg/L	SW8260C	17.2	100	2,000	72	117	30 - 192	2460	2.22	25	
Naphthalene	1,800	µg/L	SW8260C	58.7	100	2,000	0	90.2	41 - 131	1870	3.76	25	
Tetrahydrofuran	2,130	µg/L	SW8260C	51.6	100	2,000	0	107	43 - 146	2200	2.91	25	
Toluene	2,170	µg/L	SW8260C	18.3	100	2,000	0	108	18 - 192	2240	3.40	25	
Xylenes, Total	6,030	µg/L	SW8260C	85.7	100	6,000	0	101	42 - 167	6170	2.21	25	
Surr: 1,2-Dichloroethane-d4	5,270	µg/L	SW8260C			5,000		105	72 - 151				
Surr: 4-Bromofluorobenzene	4,890	µg/L	SW8260C			5,000		97.8	80 - 152				
Surr: Dibromofluoromethane	5,110	µg/L	SW8260C			5,000		102	80 - 124				
Surr: Toluene-d8	4,990	µg/L	SW8260C			5,000		99.8	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1512251**

Client: Energy Fuels Resources, Inc. Due Date: 12/28/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **4th 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: Run NO2/NO3 as a 10X. 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 were field filtered.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1512251-001A	**MW-37_12092015**	12/9/2015 1230h	12/11/2015 1000h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1512251-001B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				
1512251-001C				**TDS-W-2540C**			ww - tds	
				1 SEL Analytes: TDS				
1512251-001D				**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				
1512251-001E				**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				
1512251-002A	**MW-20_12092015**	12/9/2015 1255h	12/11/2015 1000h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				
1512251-002B				**300.0-W**			df - wc	1
				3 SEL Analytes: CL F SO4				
				ALK-W-2320B-LL			df - wc	
				2 SEL Analytes: ALKB ALKC				

WORK ORDER Summary

Work Order: **1512251**

Client: Energy Fuels Resources, Inc. Due Date: 12/28/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1512251-002C	**MW-20_12092015**	12/9/2015 1255h	12/11/2015 1000h	**TDS-W-2540C**	Aqueous		ww - tds	1
				1 SEL Analytes: TDS				
1512251-002D				**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				
1512251-002E				**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				
1512251-003A	**Trip Blank**	12/9/2015	12/11/2015 1000h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4				

Printed: 12/11/2015 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.

1512251
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 #: 435 459 9463
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **4th 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_12092015	12/9/2015	1230	7	W	x	x	x	x	x	x	x	x	x	x	
2	MW-20_12092015	12/9/2015	1255	7	W	x	x	x	x	x	x	x	x	x	x	
3	Trip Blank	12-9-15													X	12/14/15 added ek
4																
5																
6																
7																
8																
9																
10																
11																
12																

Laboratory Use Only

Samples Were: UPS
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 3.0 °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

COC Tape Was:
1 Present on Outer Package (Y) N NA
2 Unbroken on Outer Package (Y) N NA
3 Present on Sample Y N (NA)
4 Unbroken on Sample Y N (NA)

Discrepancies Between Sample Labels and COC Record? Y (N)

Relinquished by: Signature	Date:	Received by: Signature	Date:
Garrin Palmer	12/10/15		
Print Name: Garrin Palmer	Time: 1230	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature Elena Hayward	Date: 12-11-15
Print Name:	Time:	Print Name: Elena Hayward	Time: 1000
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.

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: 1512251

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2																
Ammonia	pH <2 H_2SO_4	Yes	Yes																
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	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

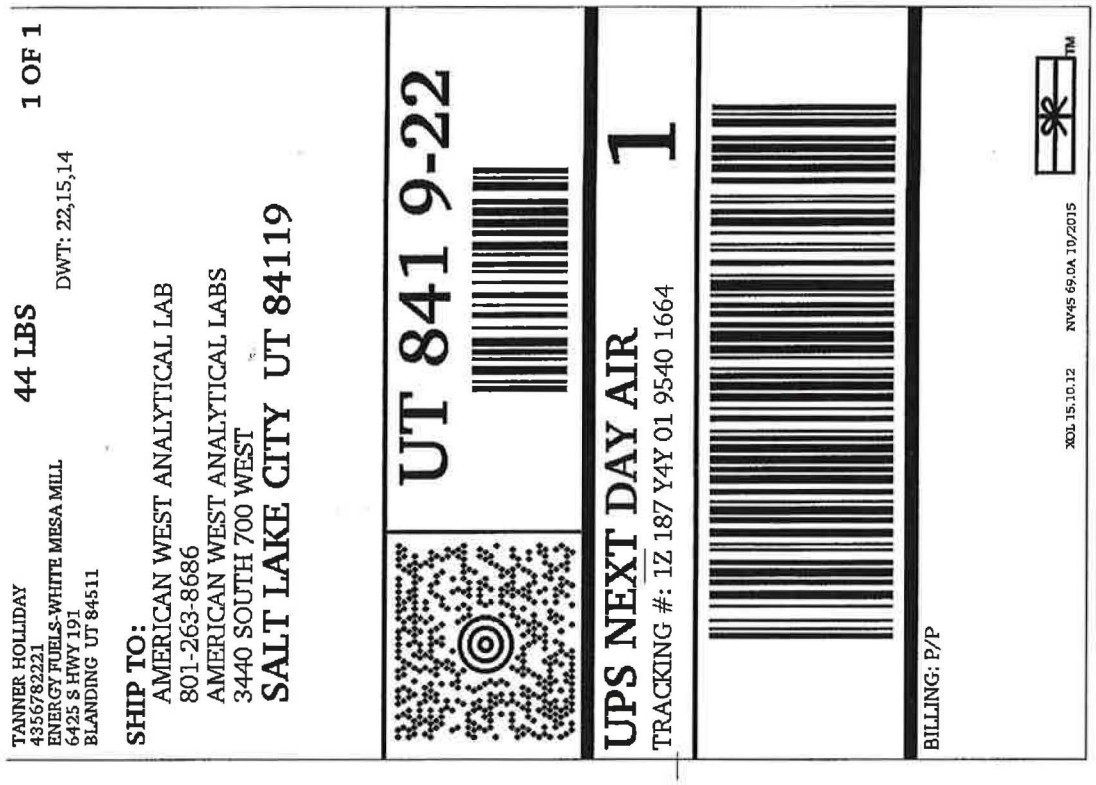
* The sample required additional preservative upon receipt.

\+ 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.



Create New Shipment View Pending Shipments

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

gel.com

December 17, 2015

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: White Mesa Mill GW
Work Order: 384936

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on November 06, 2015. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. Revised to report the recount results for samples MW-35_11032015 and MW-65_11032015.

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. 4289.

Sincerely,

Julie Robinson

Julie Robinson
Project Manager

Purchase Order: DW16138
Enclosures

Revised to report the recount results for samples MW-35_11032015 and MW-65_11032015.

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 384936

December 17, 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 November 06, 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
384936001	MW-03_11032015
384936002	MW-03A_11042015
384936003	MW-05_11042015
384936004	MW-14_11032015
384936005	MW-17_11042015
384936006	MW-32_11032015
384936007	MW-35_11032015
384936008	MW-36_11032015
384936009	MW-65_11032015

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
Project Manager

384936

Sheet 1 of 1

CHAIN OF CUSTODY

Samples Shipped to:	Gel Laboratories	Contact:	Garrin Palmer
	2040 Savage Road		Ph: 435 678 4115
	Charleston, SC 29407		gpalmer@energyfuels.com

Chain of Custody/Sampling Analysis Request

Project	Samplers Name	Samplers Signature
4th Quarter GW 2015	Garrin Palmer	Garrin Palmer

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-03_11032015	11/3/2015	1130	Gross Alpha
MW-03A_11042015	11/4/2015	700	Gross Alpha
MW-05_11042015	11/4/2015	1050	Gross Alpha
MW-14_11032015	11/3/2015	1005	Gross Alpha
MW-17_11042015	11/4/2015	1125	Gross Alpha
MW-32_11032015	11/3/2015	1240	Gross Alpha
MW-35_11032015	11/3/2015	1605	Gross Alpha
MW-36_11032015	11/3/2015	1410	Gross Alpha
MW-65_11032015	11/3/2015	1605	Gross Alpha

Comments:

Relinquished By:(Signature) Garrin Palmer	Date/Time 11/4/2015 1230	Received By:(Signature)	Date/Time 11.6.15 0730
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: Energy Fuels DNM1	SDG/AR/COC/Work Order: 384931
Received By: SE	Date Received: 11.6.15

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): 82cpm
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 12
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: 201404337 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	Do Low Level Perchlorate samples have headspace as required?		✓		Sample ID's and containers affected:
7	VOA vials contain acid preservation?		✓		(If unknown, select No)
8	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
9	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
10	Samples received within holding time?	✓			ID's and tests affected:
11	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
12	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
13	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
14	Are sample containers identifiable as GEL provided?	✓			
15	COC form is properly signed in relinquished/received sections?	✓			
16	Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground (UPS) Field Services Courier Other 1Z187Y4Y0297973738

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials JR Date 11-6-15 Page 1 of 1 GL-CHL-SR-001 Rev 2

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 384936 4th Quarter GW 2015
Client SDG: 384936
Project Manager: Julie Robinson
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 17-DEC-15
Package Due Date: 14-DEC-15
EDD Due Date: 17-DEC-15
Due Date: 17-DEC-15
JAR1

Collector: C
Prelogin #: 20150429171
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
384936001	MW-03_11032015		03-NOV-15 11:30	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		
384936002	MW-03A_11042015		04-NOV-15 07:00	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		
384936003	MW-05_11042015		04-NOV-15 10:50	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		
384936004	MW-14_11032015		03-NOV-15 10:05	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		
384936005	MW-17_11042015		04-NOV-15 11:25	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		
384936006	MW-32_11032015		03-NOV-15 12:40	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		
384936007	MW-35_11032015		03-NOV-15 16:05	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		
384936008	MW-36_11032015		03-NOV-15 14:10	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		
384936009	MW-65_11032015		03-NOV-15 16:05	06-NOV-15 09:30	-2	1	GROUND WATER		20		1		

Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
-001 MW-03_11032015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	12	
-002 MW-03A_11042015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	12	
-003 MW-05_11042015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	12	
-004 MW-14_11032015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	12	
-005 MW-17_11042015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	12	
-006 MW-32_11032015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	12	
-007 MW-35_11032015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	12	
-008 MW-36_11032015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	12	
-009 MW-65_11032015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	

GEL Laboratories LLC – Login Review Report

Temperature (C) 12

Product: GFCTORAL **Workdef ID:** 1297250 **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, 009
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	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? _____

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 384936

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1525821

Sample ID	Client ID
384936001	MW-03_11032015
384936002	MW-03A_11042015
384936003	MW-05_11042015
384936004	MW-14_11032015
384936005	MW-17_11042015
384936006	MW-32_11032015
384936007	MW-35_11032015
384936008	MW-36_11032015
384936009	MW-65_11032015
1203439837	Method Blank (MB)
1203439841	Laboratory Control Sample (LCS)
1203439838	384936009(MW-65_11032015) Sample Duplicate (DUP)
1203439839	384936009(MW-65_11032015) Matrix Spike (MS)
1203439840	384936009(MW-65_11032015) Matrix Spike Duplicate (MSD)

Samples 384936 001, 002, 003, 004, 005, 006, 007, 008 and 009 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.

QC Information
All of the QC samples meet the required acceptance limits with the following exceptions: The sample and the duplicate, 1203439838 (MW-65_11032015DUP) and 384936009 (MW-65_11032015) , did not meet the relative percent difference requirement; however, they do meet the relative error ratio requirement with a value of 1.0399.

Designated QC
The following sample was used for QC: 384936009 (MW-65_11032015).

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 1203439837 (MB), 1203439838 (MW-65_11032015DUP), 384936001 (MW-03_11032015), 384936002 (MW-03A_11042015), 384936003 (MW-05_11042015), 384936004 (MW-14_11032015), 384936005 (MW-17_11042015), 384936006 (MW-32_11032015), 384936008 (MW-36_11032015) and 384936009 (MW-65_11032015) 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.

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, 1203439839 (MW-65_11032015MS) and 1203439840 (MW-65_11032015MSD), aliquots were reduced to conserve sample volume. Samples 384936007 (MW-35_11032015) and 384936009 (MW-65_11032015) were recounted to confirm duplication and recounts are reported per request.

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: 384936 GEL Work Order: 384936

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: **17 DEC 2015** **Title:** **Analyst II**

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: December 17, 2015

Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado
Contact: **Ms. Kathy Weinel**

Workorder: **384936**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1525821										
QC1203439838 384936009 DUP										
Gross Radium Alpha		5.60		6.86	pCi/L	20.3 *		(0%-20%)	AXM6	12/09/15 14:15
	Uncertainty	+/-0.618		+/-0.663						
QC1203439841 LCS										
Gross Radium Alpha	413			395	pCi/L		95.6	(75%-125%)		12/03/15 07:28
	Uncertainty			+/-7.27						
QC1203439837 MB										
Gross Radium Alpha			U	0.341	pCi/L					12/04/15 08:52
	Uncertainty			+/-0.194						
QC1203439839 384936009 MS										
Gross Radium Alpha	1670	5.60		1340	pCi/L		79.6	(75%-125%)		12/03/15 07:28
	Uncertainty	+/-0.618		+/-24.4						
QC1203439840 384936009 MSD										
Gross Radium Alpha	1670	5.60		1410	pCi/L	5.07	83.7	(0%-20%)		12/03/15 07:28
	Uncertainty	+/-0.618		+/-22.5						

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: 384936

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

gel.com

December 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: 385740

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on November 17, 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. 4289.

Sincerely,

Anna C Day
Anna Day for
Julie Robinson
Project Manager

Purchase Order: DW16138
Enclosures

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 385740

December 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 November 17, 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
385740001	MW-18_11092015
385740002	MW-19_11102015
385740003	MW-27_11102015
385740004	MW-28_11102015
385740005	MW-30_11112015
385740006	MW-31_11092015
385740007	MW-01_11112015
385740008	MW-11_11112015
385740009	MW-25_11112015
385740010	MW-26_11112015

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.

Anna C Day

Anna Day for
Julie Robinson
Project Manager

385740

Sheet 1 of 1

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
4th Quarter GW 2015	Tanner Holliday	

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-18_11092015	11/9/2015	1405	Gross Alpha
MW-19_11102015	11/10/2015	1530	Gross Alpha
MW-27_11102015	11/10/2015	1050	Gross Alpha
MW-28_11102015	11/10/2015	1455	Gross Alpha
MW-30_11112015	11/11/2015	1345	Gross Alpha
MW-31_11092015	11/9/2015	1340	Gross Alpha
MW-01_11112015	11/11/2015	955	Gross Alpha
MW-11_11112015	11/11/2015	1525	Gross Alpha
MW-25_11112015	11/11/2015	1040	Gross Alpha
MW-26_11112015	11/11/2015	1300	Gross Alpha

Comments:

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
Garrin Palmer	11/12/2015 1230	Zac Ward	11/17/15 940
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL | Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DNMF			**SDG/AR/COC/Work Order:** 385740
Received By: ZLW			**Date Received:** 11/17/15
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):
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 14°c
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: Secondary Temperature Device Serial # (If Applicable): 130402944
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	Do Low Level Perchlorate samples have headspace as required?		✓		Sample ID's and containers affected:
7	VOA vials contain acid preservation?		✓		(If unknown, select No)
8	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
9	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
10	Samples received within holding time?	✓			ID's and tests affected:
11	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
12	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
13	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
14	Are sample containers identifiable as GEL provided?	✓			
15	COC form is properly signed in relinquished/received sections?	✓			
16	Carrier and tracking number.	✓			Circle Applicable: FedEx Air FedEx Ground (UPS) Field Services Courier Other 1Z 187 Y4Y 12 9316 1095

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials JR Date 11-17-15 Page 1 of 1 GL-CHL-SR-001 Rev 2

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 385740 4th Quarter GW 2015
Client SDG: 385740
Project Manager: Julie Robinson
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 16-DEC-15
Package Due Date: 13-DEC-15
EDD Due Date: 16-DEC-15
Due Date: 16-DEC-15
JAR1

Collector: C
Prelogin #: 20150429171
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
385740001	MW-18_11092015		09-NOV-15 14:05	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740002	MW-19_11102015		10-NOV-15 15:30	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740003	MW-27_11102015		10-NOV-15 10:50	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740004	MW-28_11102015		10-NOV-15 14:55	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740005	MW-30_11112015		11-NOV-15 13:45	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740006	MW-31_11092015		09-NOV-15 13:40	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740007	MW-01_11112015		11-NOV-15 09:55	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740008	MW-11_11112015		11-NOV-15 15:25	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740009	MW-25_11112015		11-NOV-15 10:40	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		
385740010	MW-26_11112015		11-NOV-15 13:00	17-NOV-15 09:40	-2	1	GROUND WATER		20		1		

Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
-001 MW-18_11092015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	14	
-002 MW-19_11102015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	14	
-003 MW-27_11102015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	14	
-004 MW-28_11102015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	14	
-005 MW-30_11112015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	14	
-006 MW-31_11092015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	14	
-007 MW-01_11112015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	14	
-008 MW-11_11112015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	14	

GEL Laboratories LLC – Login Review Report

-009 MW-25_11112015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha	Cooler Seal Undisturbed	Y
				Temperature (C)	14
-010 MW-26_11112015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha	Cooler Seal Undisturbed	Y
				Temperature (C)	14

Product: GFCTORAL **Workdef ID:** 1297250 **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, 009, 010
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	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? _____

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 385740

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1525821

Sample ID	Client ID
385740001	MW-18_11092015
385740002	MW-19_11102015
385740003	MW-27_11102015
385740004	MW-28_11102015
385740005	MW-30_11112015
385740006	MW-31_11092015
385740007	MW-01_11112015
385740008	MW-11_11112015
385740009	MW-25_11112015
385740010	MW-26_11112015
1203439837	Method Blank (MB)
1203439841	Laboratory Control Sample (LCS)
1203439838	384936009(MW-65_11032015) Sample Duplicate (DUP)
1203439839	384936009(MW-65_11032015) Matrix Spike (MS)
1203439840	384936009(MW-65_11032015) Matrix Spike Duplicate (MSD)

Samples 385740 001, 002, 003, 004, 005, 006, 007, 008, 009 and 010 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.

QC Information
All of the QC samples met the required acceptance limits.

Designated QC
The following sample was used for QC: 384936009 (MW-65_11032015).

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 1203439837 (MB), 1203439838 (MW-65_11032015DUP), 385740001 (MW-18_11092015), 385740002 (MW-19_11102015), 385740003 (MW-27_11102015), 385740004 (MW-28_11102015), 385740005 (MW-30_11112015), 385740006 (MW-31_11092015), 385740007 (MW-01_11112015), 385740008 (MW-11_11112015) and 385740010 (MW-26_11112015) 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.

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, 1203439839 (MW-65_11032015MS) and 1203439840 (MW-65_11032015MSD), 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: 385740 GEL Work Order: 385740

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: **Name: Kate Gellatly**

Date: 14 DEC 2015 **Title: Analyst I**

QC Summary

Report Date: December 14, 2015

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

Contact: Ms. Kathy Weinel

Workorder: 385740

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1525821										
QC1203439838 384936009 DUP										
Gross Radium Alpha		3.11		3.67	pCi/L	16.4		(0%-20%)	AXM6	12/04/15 09:15
	Uncertainty	+/-0.368		+/-0.406						
QC1203439841 LCS										
Gross Radium Alpha	413			395	pCi/L		95.6	(75%-125%)		12/03/15 07:28
	Uncertainty			+/-7.27						
QC1203439837 MB										
Gross Radium Alpha			U	0.341	pCi/L					12/04/15 08:52
	Uncertainty			+/-0.194						
QC1203439839 384936009 MS										
Gross Radium Alpha	1670	3.11		1340	pCi/L		79.7	(75%-125%)		12/03/15 07:28
	Uncertainty	+/-0.368		+/-24.4						
QC1203439840 384936009 MSD										
Gross Radium Alpha	1670	3.11		1410	pCi/L	5.07	83.9	(0%-20%)		12/03/15 07:28
	Uncertainty	+/-0.368		+/-22.5						

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: 385740

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

gel.com

December 22, 2015

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: White Mesa Mill GW
Work Order: 386241

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on November 24, 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. 4289.

Sincerely,

Julie Robinson

Julie Robinson
Project Manager

Purchase Order: DW16138
Enclosures

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 386241

December 22, 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 November 24, 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
386241001	MW-02_11162015
386241002	MW-12_11172015
386241003	MW-15_11162015
386241004	MW-22_11172015
386241005	MW-23_11182015
386241006	MW-24_11182015
386241007	MW-29_11162015
386241008	MW-70_11172015

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
Project Manager

386241

Sheet 1 of 1

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
4th Quarter GW 2015	Tanner Holliday	Tanner Holliday

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-02_11162015	11/16/2015	1550	Gross Alpha
MW-12_11172015	11/17/2015	1125	Gross Alpha
MW-15_11162015	11/16/2015	1320	Gross Alpha
MW-22_11172015	11/17/2015	1430	Gross Alpha
MW-23_11182015	11/18/2015	1000	Gross Alpha
MW-24_11182015	11/18/2015	930	Gross Alpha
MW-29_11162015	11/16/2015	1240	Gross Alpha
MW-70_11172015	11/17/2015	1430	Gross Alpha

Comments:

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
TANNER HOLLIDAY Tanner Holliday	11/19/2015 1200	B. Luthman	11/24/15 10:20
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DNMI	**SDG/AR/COC/Work Order:** 386241
Received By: Brielle Luthman	**Date Received:** 11/24/15 1020

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
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 8°
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: Secondary Temperature Device Serial # (If Applicable): EF50320158 30
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	Do Low Level Perchlorate samples have headspace as required?		✓		Sample ID's and containers affected:
7	VOA vials contain acid preservation?		✓		(If unknown, select No)
8	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
9	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
10	Samples received within holding time?	✓			ID's and tests affected:
11	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
12	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
13	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
14	Are sample containers identifiable as GEL provided?	✓			
15	COC form is properly signed in relinquished/received sections?	✓			
16	Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground (UPS) Field Services Courier Other 1Z 18Y4Y12 9219 9146

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials J.R. Date 11-24-15 Page 1 of 1 GL-CHL-SR-001 Rev 2

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 386241 4th Quarter GW 2015
Client SDG: 386241
Project Manager: Julie Robinson
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 23-DEC-15
Package Due Date: 20-DEC-15
EDD Due Date: 23-DEC-15
Due Date: 23-DEC-15
JAR1

Collector: C
Prelogin #: 20150429171
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
386241001	MW-02_11162015		16-NOV-15 15:50	24-NOV-15 10:20	-2	1	GROUND WATER		20		1		
386241002	MW-12_11172015		17-NOV-15 11:25	24-NOV-15 10:20	-2	1	GROUND WATER		20		1		
386241003	MW-15_11162015		16-NOV-15 13:20	24-NOV-15 10:20	-2	1	GROUND WATER		20		1		
386241004	MW-22_11172015		17-NOV-15 14:30	24-NOV-15 10:20	-2	1	GROUND WATER		20		1		
386241005	MW-23_11182015		18-NOV-15 10:00	24-NOV-15 10:20	-2	1	GROUND WATER		20		1		
386241006	MW-24_11182015		18-NOV-15 09:30	24-NOV-15 10:20	-2	1	GROUND WATER		20		1		
386241007	MW-29_11162015		16-NOV-15 12:40	24-NOV-15 10:20	-2	1	GROUND WATER		20		1		
386241008	MW-70_11172015		17-NOV-15 14:30	24-NOV-15 10:20	-2	1	GROUND WATER		20		1		

Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
-001 MW-02_11162015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	8	
-002 MW-12_11172015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	8	
-003 MW-15_11162015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	8	
-004 MW-22_11172015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	8	
-005 MW-23_11182015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	8	
-006 MW-24_11182015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	8	
-007 MW-29_11162015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	8	
-008 MW-70_11172015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	8	

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 386241

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1529196

Sample ID	Client ID
386241001	MW-02_11162015
386241002	MW-12_11172015
386241003	MW-15_11162015
386241004	MW-22_11172015
386241005	MW-23_11182015
386241006	MW-24_11182015
386241007	MW-29_11162015
386241008	MW-70_11172015
1203448113	Method Blank (MB)
1203448117	Laboratory Control Sample (LCS)
1203448114	386241008(MW-70_11172015) Sample Duplicate (DUP)
1203448115	386241008(MW-70_11172015) Matrix Spike (MS)
1203448116	386241008(MW-70_11172015) Matrix Spike Duplicate (MSD)

Samples 386241 001, 002, 003, 004, 005, 006, 007 and 008 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.

QC Information
All of the QC samples met the required acceptance limits.

Designated QC
The following sample was used for QC: 386241008 (MW-70_11172015).

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
Sample 1203448116 (MW-70_11172015MSD) was recounted due to high recovery. The recount is reported. Sample 386241005 (MW-23_11182015) was recounted due to a detector lock out condition. The recount is 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.

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, 1203448115 (MW-70_11172015MS) and 1203448116 (MW-70_11172015MSD), 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: 386241 GEL Work Order: 386241

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: **Name: Kate Gellatly**

Date: 21 DEC 2015 **Title: Analyst I**

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

gel.com

January 13, 2016

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: White Mesa Mill GW
Work Order: 387679

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on December 17, 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. 4289.

Sincerely,

Julie Robinson

Julie Robinson
Project Manager

Purchase Order: DW16138
Enclosures

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 387679

January 13, 2016

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 December 17, 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
387679001	MW-20_12092015
387679002	MW-37_12092015

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
Project Manager

387679

Sheet 1 of 1

CHAIN OF CUSTODY

Samples Shipped to:	Gel Laboratories	Contact:	Garrin Palmer
	2040 Savage Road		Ph: 435 678 2221
	Charleston, SC 29407		gpalmer@energyfuels.com

Chain of Custody/Sampling Analysis Request

Project	Samplers Name	Samplers Signature
4th Quarter GW 2015	Garrin Palmer	

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-20_12092015	12/9/2015	1255	Gross Alpha
MW-37_12092015	12/9/2015	1230	Gross Alpha

Comments: Please send report to Kathy Weinel at kweinel@energyfuels.com

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
	12/15/15 1230		12/17/15 9:20
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DNMI	SDG/AR/COC/Work Order: 387679
Received By: Shanta Mack	Date Received: 12/17/15 9:20

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): 30 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 13C
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: Secondary Temperature Device Serial # (If Applicable): GS03201585
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	Do Low Level Perchlorate samples have headspace as required?		✓		Sample ID's and containers affected:
7	VOA vials contain acid preservation?		✓		(If unknown, select No)
8	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
9	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
10	Samples received within holding time?	✓			ID's and tests affected:
11	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
12	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
13	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
14	Are sample containers identifiable as GEL provided?	✓			
15	COC form is properly signed in relinquished/received sections?	✓			
16	Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground UPS Field Services Courier Other 1218 7944 0293 0174 39

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials J.R. Date 12-17-15 Page 1 of 1 GL-CHL-SR-001 Rev 2

GEL Laboratories LLC − Login Review Report

GEL Work Order/SDG: 387679 4th Quarter GW 2015
Client SDG: 387679
Project Manager: Julie Robinson
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 18−JAN−16
Package Due Date: 15−JAN−16
EDD Due Date: 18−JAN−16
Due Date: 18−JAN−16
JAR1

Collector: C
Prelogin #: 20150429171
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
387679001	MW−20_12092015		09−DEC−15 12:55	17−DEC−15 09:20	−2	1	GROUND WATER		20		1		
387679002	MW−37_12092015		09−DEC−15 12:30	17−DEC−15 09:20	−2	1	GROUND WATER		20		1		

Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data		Receive Codes
−001 MW−20_12092015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	13	
−002 MW−37_12092015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
						Temperature (C)	13	

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? _____

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 387679

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1533807

Sample ID	Client ID
387679001	MW-20_12092015
387679002	MW-37_12092015
1203460133	Method Blank (MB)
1203460137	Laboratory Control Sample (LCS)
1203460134	387679002(MW-37_12092015) Sample Duplicate (DUP)
1203460135	387679002(MW-37_12092015) Matrix Spike (MS)
1203460136	387679002(MW-37_12092015) Matrix Spike Duplicate (MSD)

Samples 387679 001 and 002 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.

QC Information

All of the QC samples met the required acceptance limits.

Designated QC
The following sample was used for QC: 387679002 (MW-37_12092015).

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
Sample 1203460136 (MW-37_12092015MSD) was recounted due to high recovery. The recount is 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.

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, 1203460135 (MW-37_12092015MS) and 1203460136 (MW-37_12092015MSD), 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: 387679 GEL Work Order: 387679

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: **Name: Theresa Austin**

Date: 13 JAN 2016 **Title: Group Leader**

GEL LABORATORIES LLC

2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: January 13, 2016

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

Contact: **Ms. Kathy Weinel**

Workorder: **387679**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1533807										
QC1203460134 387679002 DUP										
Gross Radium Alpha	U	0.852		1.03	pCi/L	18.6		(0% - 100%)	AXM6	01/06/16 13:16
	Uncertainty	+/-0.311		+/-0.275						
QC1203460137 LCS										
Gross Radium Alpha	413			399	pCi/L		96.6	(75%-125%)		01/06/16 13:18
	Uncertainty			+/-5.55						
QC1203460133 MB										
Gross Radium Alpha			U	-0.20	pCi/L					01/06/16 13:16
	Uncertainty			+/-0.190						
QC1203460135 387679002 MS										
Gross Radium Alpha	1670 U	0.852		1440	pCi/L		86.2	(75%-125%)		01/06/16 13:18
	Uncertainty	+/-0.311		+/-21.7						
QC1203460136 387679002 MSD										
Gross Radium Alpha	1670 U	0.852		1470	pCi/L	2.07	88	(0%-20%)		01/07/16 10:35
	Uncertainty	+/-0.311		+/-17.8						

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: 387679

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

October 2015

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-001
Client Sample ID: MW-11_10072015
Collection Date: 10/7/2015 1150h
Received Date: 10/9/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	10/13/2015 1413h	10/22/2015 1435h	E200.8	0.0100	**0.237**	

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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: October Monthly Groundwater 2015
Lab Sample ID: 1510198-002
Client Sample ID: MW-25_10062015
Collection Date: 10/6/2015 1300h
Received Date: 10/9/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Cadmium	mg/L	10/13/2015 1413h	10/22/2015 1451h	E200.8	0.000500	**0.00150**	
Uranium	mg/L	10/13/2015 1413h	10/27/2015 1517h	E200.8	0.000300	**0.00640**	^

^ - 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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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-003
Client Sample ID: MW-26_10072015
Collection Date: 10/7/2015 1355h
Received Date: 10/9/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Uranium	mg/L	10/13/2015 1413h	10/27/2015 1520h	E200.8	0.000300	**0.0612**	^

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-003
Client Sample ID: MW-26_10072015
Collection Date: 10/7/2015 1355h
Received Date: 10/9/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		10/19/2015 1626h	E300.0	10.0	**74.4**	
Nitrate/Nitrite (as N)	mg/L		10/14/2015 1239h	E353.2	1.00	**2.36**	1

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

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-003D
Client Sample ID: MW-26_10072015
Collection Date: 10/7/2015 1355h
Received Date: 10/9/2015 1030h
Test Code: 8260-W-DEN100

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

Analyzed: 10/9/2015 1500h
Units: µg/L **Dilution Factor:** 20 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	20.0	**2,400**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	1,080	1,000	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	1,000	1,000	100	80-152	
Surr: Dibromofluoromethane	1868-53-7	1,050	1,000	105	80-124	
Surr: Toluene-d8	2037-26-5	1,000	1,000	100	77-129	

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

Analyzed: 10/9/2015 1424h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Methylene chloride	75-09-2	1.00	**4.27**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.9	50.00	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.2	50.00	98.4	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.4	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	49.1	50.00	98.2	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-004
Client Sample ID: MW-30_10072015
Collection Date: 10/7/2015 1040h
Received Date: 10/9/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	10/13/2015 1413h	10/22/2015 1457h	E200.8	0.00500	**0.0439**	
Uranium	mg/L	10/13/2015 1413h	10/27/2015 1523h	E200.8	0.000300	**0.00810**	^

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-004
Client Sample ID: MW-30_10072015
Collection Date: 10/7/2015 1040h
Received Date: 10/9/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	10/30/2015 1330h	11/2/2015 1158h	E350.1	0.0500	**0.0540**	^
Chloride	mg/L		10/19/2015 1502h	E300.0	100	**137**	
Nitrate/Nitrite (as N)	mg/L		10/14/2015 1243h	E353.2	10.0	**19.1**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-005
Client Sample ID: MW-31_10062015
Collection Date: 10/6/2015 1330h
Received Date: 10/9/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	10/13/2015 1413h	10/22/2015 1529h	E200.8	0.00500	**0.0786**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-005
Client Sample ID: MW-31_10062015
Collection Date: 10/6/2015 1330h
Received Date: 10/9/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		10/19/2015 1518h	E300.0	100	**222**	
Nitrate/Nitrite (as N)	mg/L		10/14/2015 1245h	E353.2	10.0	**22.0**	
Sulfate	mg/L		10/19/2015 1518h	E300.0	100	**655**	
Total Dissolved Solids	mg/L		10/9/2015 1920h	SM2540C	20.0	**1,540**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-006
Client Sample ID: MW-35_10062015
Collection Date: 10/6/2015 845h
Received Date: 10/9/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	10/13/2015 1413h	10/22/2015 1533h	E200.8	0.0100	**0.169**	
Selenium	mg/L	10/13/2015 1413h	10/22/2015 1533h	E200.8	0.00500	**0.0398**	
Thallium	mg/L	10/13/2015 1413h	10/22/2015 1533h	E200.8	0.000500	**0.000638**	
Uranium	mg/L	10/13/2015 1413h	10/27/2015 1526h	E200.8	0.000300	**0.0238**	^

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GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: November 3, 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_10062015	Project:	DNMI00100
Sample ID:	382974001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	06-OCT-15 08:45		
Receive Date:	12-OCT-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		4.04	+/-0.511	0.759	1.00	pCi/L		AXM6	11/01/15	1607	1518023	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"			86.9	(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: October Monthly Groundwater 2015
Lab Sample ID: 1510198-007
Client Sample ID: MW-65_10072015
Collection Date: 10/7/2015 1040h
Received Date: 10/9/2015 1030h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	10/13/2015 1413h	10/22/2015 1536h	E200.8	0.00500	**0.0415**	
Uranium	mg/L	10/13/2015 1413h	10/27/2015 1529h	E200.8	0.000300	**0.00813**	^

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Sample ID: 1510198-007
Client Sample ID: MW-65_10072015
Collection Date: 10/7/2015 1040h
Received Date: 10/9/2015 1030h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	10/30/2015 1330h	11/2/2015 1200h	E350.1	0.0500	**0.0639**	^
Chloride	mg/L		10/19/2015 1609h	E300.0	100	**137**	
Nitrate/Nitrite (as N)	mg/L		10/14/2015 1246h	E353.2	10.0	**18.8**	

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' - 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: October Monthly Groundwater 2015
Lab Sample ID: 1510198-008A
Client Sample ID: Trip Blank
Collection Date: 10/7/2015
Received Date: 10/9/2015 1030h Test Code: 8260-W-DEN100

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

Analyzed: 10/9/2015 1405h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
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	53.4	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	49.8	50.00	99.6	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.5	50.00	105	80-124	
Surr: Toluene-d8	2037-26-5	50.3	50.00	101	77-129	

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Kyle F. Gross
Laboratory Director
Jose Rocha
QA Officer

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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: October Monthly Groundwater 2015

Dear Garrin Palmer: Lab Set ID: 1510198

American West Analytical Laboratories received sample(s) on 10/9/2015 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, Wyoming, 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 Date: 2015.11.03 13:19:32 -07'00'

Laboratory Director or designee

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SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: October Monthly Groundwater 2015
Lab Set ID: 1510198
Date Received: 10/9/2015 1030h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1510198-001A	MW-11_10072015	10/7/2015	1150h	Aqueous	ICPMS Metals, Dissolved
1510198-002A	MW-25_10062015	10/6/2015	1300h	Aqueous	ICPMS Metals, Dissolved
1510198-003A	MW-26_10072015	10/7/2015	1355h	Aqueous	ICPMS Metals, Dissolved
1510198-003B	MW-26_10072015	10/7/2015	1355h	Aqueous	Nitrite/Nitrate (as N), E353.2
1510198-003C	MW-26_10072015	10/7/2015	1355h	Aqueous	Anions, E300.0
1510198-003D	MW-26_10072015	10/7/2015	1355h	Aqueous	VOA by GC/MS Method 8260C/5030C
1510198-004A	MW-30_10072015	10/7/2015	1040h	Aqueous	ICPMS Metals, Dissolved
1510198-004B	MW-30_10072015	10/7/2015	1040h	Aqueous	Ammonia, Aqueous
1510198-004B	MW-30_10072015	10/7/2015	1040h	Aqueous	Nitrite/Nitrate (as N), E353.2
1510198-004C	MW-30_10072015	10/7/2015	1040h	Aqueous	Anions, E300.0
1510198-005A	MW-31_10062015	10/6/2015	1330h	Aqueous	ICPMS Metals, Dissolved
1510198-005B	MW-31_10062015	10/6/2015	1330h	Aqueous	Nitrite/Nitrate (as N), E353.2
1510198-005C	MW-31_10062015	10/6/2015	1330h	Aqueous	Anions, E300.0
1510198-005D	MW-31_10062015	10/6/2015	1330h	Aqueous	Total Dissolved Solids, A2540C
1510198-006A	MW-35_10062015	10/6/2015	845h	Aqueous	ICPMS Metals, Dissolved
1510198-007A	MW-65_10072015	10/7/2015	1040h	Aqueous	ICPMS Metals, Dissolved
1510198-007B	MW-65_10072015	10/7/2015	1040h	Aqueous	Nitrite/Nitrate (as N), E353.2
1510198-007B	MW-65_10072015	10/7/2015	1040h	Aqueous	Ammonia, Aqueous
1510198-007C	MW-65_10072015	10/7/2015	1040h	Aqueous	Anions, E300.0
1510198-008A	Trip Blank	10/7/2015		Aqueous	VOA by GC/MS Method 8260C/5030C

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Inorganic Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	October Monthly Groundwater 2015
Lab Set ID:	1510198

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	10/9/2015
Date(s) of Collection:	10/6 & 10/7/2015
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
1510198-004B	Ammonia	MS/MSD	Sample matrix interference
1510198-003B	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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Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	October Monthly Groundwater 2015
Lab Set ID:	1510198

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Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	10/9/2015
Date(s) of Collection:	10/6 & 10/7/2015
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: 1510198
Project: October Monthly 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-39681	Date Analyzed:	10/23/2015 1036h											
Test Code: 200.8-DIS	Date Prepared:	10/13/2015 1413h											
Cadmium	0.199	mg/L	E200.8	0.0000484	0.000125	0.2000	0	99.3	85 - 115				
Manganese	0.195	mg/L	E200.8	0.000382	0.000500	0.2000	0	97.7	85 - 115				
Selenium	0.195	mg/L	E200.8	0.0000158	0.000500	0.2000	0	97.4	85 - 115				
Thallium	0.183	mg/L	E200.8	0.00000605	0.000500	0.2000	0	91.5	85 - 115				
Uranium	0.193	mg/L	E200.8	0.00000279	0.000500	0.2000	0	96.7	85 - 115				

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1510198
Project: October Monthly 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-39681**	Date Analyzed:	10/22/2015 1424h											
Test Code:	200.8-DIS	Date Prepared:	10/13/2015 1413h											
Cadmium		< 0.000125	mg/L	E200.8	0.0000484	0.000125								
Manganese		< 0.000500	mg/L	E200.8	0.000382	0.000500								
Selenium		< 0.000500	mg/L	E200.8	0.0000158	0.000500								
Thallium		< 0.000500	mg/L	E200.8	0.00000605	0.000500								
Lab Sample ID:	**MB-39681**	Date Analyzed:	10/27/2015 1514h											
Test Code:	200.8-DIS	Date Prepared:	10/13/2015 1413h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								^

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1510198
Project: October Monthly 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: 1510198-001AMS	Date Analyzed:	10/22/2015 1445h											
Test Code: 200.8-DIS	Date Prepared:	10/13/2015 1413h											
Cadmium	0.202	mg/L	E200.8	0.0000484	0.000125	0.2000	0.000159	101	75 - 125				
Manganese	0.437	mg/L	E200.8	0.000382	0.000500	0.2000	0.237	99.6	75 - 125				
Selenium	0.199	mg/L	E200.8	0.0000158	0.000500	0.2000	0.000684	99.2	75 - 125				
Thallium	0.172	mg/L	E200.8	0.00000605	0.000500	0.2000	0.00019	85.8	75 - 125				
Uranium	0.183	mg/L	E200.8	0.00000279	0.000500	0.2000	0.00107	90.8	75 - 125				

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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1510198
Project: October Monthly 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: 1510198-001AMSD	Date Analyzed:	10/22/2015 1448h											
Test Code: 200.8-DIS	Date Prepared:	10/13/2015 1413h											
Cadmium	0.212	mg/L	E200.8	0.0000484	0.000125	0.2000	0.000159	106	75 - 125	0.202	4.89	20	
Manganese	0.452	mg/L	E200.8	0.000382	0.000500	0.2000	0.237	107	75 - 125	0.437	3.50	20	
Selenium	0.226	mg/L	E200.8	0.0000158	0.000500	0.2000	0.000684	112	75 - 125	0.199	12.5	20	
Thallium	0.174	mg/L	E200.8	0.00000605	0.000500	0.2000	0.00019	87.1	75 - 125	0.172	1.57	20	
Uranium	0.187	mg/L	E200.8	0.00000279	0.000500	0.2000	0.00107	92.9	75 - 125	0.183	2.28	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: 1510198
Project: October Monthly 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: 1510198-004BDUP	Date Analyzed:	11/02/2015 1159h											
Test Code: NH3-W-350.1	Date Prepared:	10/30/2015 1330h											
Ammonia (as N)	0.0528	mg/L	E350.1	0.0226	0.0500					0.054	2.13	20	^
Lab Sample ID: 1510198-005DDUP	Date Analyzed:	10/09/2015 1920h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	1,490	mg/L	SM2540C	12.3	20.0					1540	2.91	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: 1510198
Project: October Monthly 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-R84072 Date Analyzed: 10/19/2015 1445h													
Test Code: 300.0-W													
Chloride	4.95	mg/L	E300.0	0.00751	0.100	5.000	0	98.9	90 - 110				
Sulfate	4.94	mg/L	E300.0	0.0211	0.750	5.000	0	98.9	90 - 110				
Lab Sample ID: LCS-40011 Date Analyzed: 11/02/2015 1156h													
Test Code: NH3-W-350.1 Date Prepared: 10/30/2015 1330h													
Ammonia (as N)	9.80	mg/L	E350.1	0.0226	0.0500	10.00	0	98.0	90 - 110				^
Lab Sample ID: LCS-R83863 Date Analyzed: 10/14/2015 1141h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	0.977	mg/L	E353.2	0.00833	0.0100	1.000	0	97.7	90 - 110				
Lab Sample ID: LCS-R83738 Date Analyzed: 10/09/2015 1920h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	196	mg/L	SM2540C	6.13	10.0	205.0	0	95.6	80 - 120				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1510198
Project: October Monthly 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-R84072	Date Analyzed:	10/19/2015 1428h											
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-40011	Date Analyzed:	11/02/2015 1155h											
Test Code: NH3-W-350.1	Date Prepared:	10/30/2015 1330h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								^
Lab Sample ID: MB-R83863	Date Analyzed:	10/14/2015 1138h											
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-R83738	Date Analyzed:	10/09/2015 1920h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								

^ - *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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American West
ANALYTICAL LABORATORIES

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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: 1510198
Project: October Monthly 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:	**1510198-005CMS**	Date Analyzed:	10/19/2015 1535h											
Test Code:	300.0-W													
Chloride		1,210	mg/L	E300.0	1.50	20.0	1,000	222	98.5	90 - 110				
Sulfate		1,640	mg/L	E300.0	4.22	150	1,000	655	98.5	90 - 110				
Lab Sample ID:	**1510198-007BMS**	Date Analyzed:	11/02/2015 1201h											
Test Code:	NH3-W-350.1	Date Prepared:	10/30/2015 1330h											
Ammonia (as N)		14.3	mg/L	E350.1	0.0226	0.0500	10.00	0.0639	142	90 - 110				^
Lab Sample ID:	**1510198-003BMS N03**	Date Analyzed:	10/14/2015 1241h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		3.24	mg/L	E353.2	0.0833	0.100	1.000	2.36	88.0	90 - 110				'

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' - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross
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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1510198
Project: October Monthly 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:	**1510198-005CMSD**	Date Analyzed:	10/19/2015 1552h											
Test Code:	300.0-W													
Chloride		1,200	mg/L	E300.0	1.50	20.0	1,000	222	98.2	90 - 110	1210	0.244	20	
Sulfate		1,640	mg/L	E300.0	4.22	150	1,000	655	98.7	90 - 110	1640	0.122	20	
Lab Sample ID:	**1510198-007BMSD**	Date Analyzed:	11/02/2015 1202h											
Test Code:	NH3-W-350.1	Date Prepared:	10/30/2015 1330h											
Ammonia (as N)		14.4	mg/L	E350.1	0.0226	0.0500	10.00	0.0639	143	90 - 110	14.3	0.698	10	1^
Lab Sample ID:	**1510198-003BMSD NO3**	Date Analyzed:	10/14/2015 1242h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		3.30	mg/L	E353.2	0.0833	0.100	1.000	2.36	93.8	90 - 110	3.24	1.78	10	

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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: 1510198
Project: October Monthly 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 100915A Date Analyzed: 10/09/2015 1045h Test Code: 8260-W-DEN100													
Chloroform	19.8	µg/L	SW8260C	0.153	1.00	20.00	0	99.2	67 - 132				
Methylene chloride	19.1	µg/L	SW8260C	0.172	1.00	20.00	0	95.6	32 - 185				
Surr: 1,2-Dichloroethane-d4	52.5	µg/L	SW8260C			50.00		105	76 - 138				
Surr: 4-Bromofluorobenzene	48.2	µg/L	SW8260C			50.00		96.4	80 - 152				
Surr: Dibromofluoromethane	51.1	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	49.6	µg/L	SW8260C			50.00		99.1	81 - 135				

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1510198
Project: October Monthly 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 100915A Date Analyzed: 10/09/2015 1124h Test Code: 8260-W-DEN100													
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	53.0	µg/L	SW8260C			50.00		106	76 - 138				
Surr: 4-Bromofluorobenzene	49.7	µg/L	SW8260C			50.00		99.3	80 - 152				
Surr: Dibromofluoromethane	51.3	µg/L	SW8260C			50.00		103	67 - 128				
Surr: Toluene-d8	49.9	µg/L	SW8260C			50.00		99.8	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: 1510198
Project: October Monthly 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: 1510198-003DMS Date Analyzed: 10/09/2015 1519h													
Test Code: 8260-W-DEN100													
Chloroform	2,700	µg/L	SW8260C	3.06	20.0	400.0	2400	76.4	50 - 146				
Methylene chloride	396	µg/L	SW8260C	3.44	20.0	400.0	4.27	98.0	30 - 192				
Surr: 1,2-Dichloroethane-d4	1,070	µg/L	SW8260C			1,000		107	72 - 151				
Surr: 4-Bromofluorobenzene	957	µg/L	SW8260C			1,000		95.7	80 - 152				
Surr: Dibromofluoromethane	1,040	µg/L	SW8260C			1,000		104	80 - 124				
Surr: Toluene-d8	973	µg/L	SW8260C			1,000		97.3	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: 1510198
Project: October Monthly 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: 1510198-003DMSD Date Analyzed: 10/09/2015 1539h													
Test Code: 8260-W-DEN100													
Chloroform	2,780	µg/L	SW8260C	3.06	20.0	400.0	2400	96.2	50 - 146	2700	2.90	25	
Methylene chloride	399	µg/L	SW8260C	3.44	20.0	400.0	4.27	98.7	30 - 192	396	0.704	25	
Surr: 1,2-Dichloroethane-d4	1,060	µg/L	SW8260C			1,000		106	72 - 151				
Surr: 4-Bromofluorobenzene	956	µg/L	SW8260C			1,000		95.6	80 - 152				
Surr: Dibromofluoromethane	1,020	µg/L	SW8260C			1,000		102	80 - 124				
Surr: Toluene-d8	972	µg/L	SW8260C			1,000		97.2	77 - 129				

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American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1510198**

Client: Energy Fuels Resources, Inc. Due Date: 10/23/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **October Monthly 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. Samples for metals were field filtered.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1510198-001A	**MW-11_10072015**	10/7/2015 1150h	10/9/2015 1030h	**200.8-DIS**	Aqueous		df-met	1
				1 SEL Analytes: MN				
				200.8-DIS-PR			df-met	
1510198-002A	**MW-25_10062015**	10/6/2015 1300h	10/9/2015 1030h	**200.8-DIS**	Aqueous		df-met	1
				2 SEL Analytes: CD U				
				200.8-DIS-PR			df-met	
1510198-003A	**MW-26_10072015**	10/7/2015 1355h	10/9/2015 1030h	**200.8-DIS**	Aqueous		df-met	1
				1 SEL Analytes: U				
				200.8-DIS-PR			df-met	
1510198-003B				**NO2/NO3-W-353.2**			DF-NO2/NO3	
				1 SEL Analytes: NO3NO2N				
1510198-003C				**300.0-W**			DF-cl	
				1 SEL Analytes: CL				
1510198-003D				**8260-W-DEN100**			VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 2 / # of Surr: 4				
1510198-004A	**MW-30_10072015**	10/7/2015 1040h	10/9/2015 1030h	**200.8-DIS**	Aqueous		df-met	1
				2 SEL Analytes: SE U				
				200.8-DIS-PR			df-met	
1510198-004B				**NH3-W-350.1**			DF-NO2/NO3	
				1 SEL Analytes: NH3N				
				NH3-W-PR			DF-NO2/NO3	
				NO2/NO3-W-353.2			DF-NO2/NO3	
				1 SEL Analytes: NO3NO2N				
1510198-004C				**300.0-W**			DF-cl	
				1 SEL Analytes: CL				
1510198-005A	**MW-31_10062015**	10/6/2015 1330h	10/9/2015 1030h	**200.8-DIS**	Aqueous		df-met	1
				1 SEL Analytes: SE				
				200.8-DIS-PR			df-met	
1510198-005B				**NO2/NO3-W-353.2**			DF-NO2/NO3	
				1 SEL Analytes: NO3NO2N				

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WORK ORDER Summary

Work Order: **1510198**

Client: Energy Fuels Resources, Inc. Due Date: 10/23/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1510198-005C	**MW-31_10062015**	10/6/2015 1330h	10/9/2015 1030h	**300.0-W**	Aqueous		DF-cl	1
				2 SEL Analytes: CL SO4				
1510198-005D				**TDS-W-2540C**			DF-tds	
				1 SEL Analytes: TDS				
1510198-006A	**MW-35_10062015**	10/6/2015 0845h	10/9/2015 1030h	**200.8-DIS**	Aqueous		df-met	1
				4 SEL Analytes: MN SE TL U				
				200.8-DIS-PR			df-met	
1510198-007A	**MW-65_10072015**	10/7/2015 1040h	10/9/2015 1030h	**200.8-DIS**	Aqueous		df-met	1
				2 SEL Analytes: SE U				
				200.8-DIS-PR			df-met	
1510198-007B				**NH3-W-350.1**			DF-NO2/NO3	
				1 SEL Analytes: NH3N				
				NH3-W-PR			DF-NO2/NO3	
				NO2/NO3-W-353.2			DF-NO2/NO3	
				1 SEL Analytes: NO3NO2N				
1510198-007C				**300.0-W**			DF-cl	
				1 SEL Analytes: CL				
1510198-008A	**Trip Blank**	10/7/2015	10/9/2015 1030h	**8260-W-DEN100**	Aqueous		VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 2 / # of Surr: 4				

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Analytical Laboratories
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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.

1510198
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 #: (435) 459-9463
Email: gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
Project Name: October Monthly 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	NO3/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)	SO4 (4500 or 300.0)	VOCs Chloroform, Dichloromethane, (8260C)	Known Hazards & Sample Comments
1	MW-11_10072015	10/7/2015	1150	1	w		X										
3	MW-25_10062015	10/6/2015	1300	1	w						X	X					
4	MW-26_10072015	10/7/2015	1355	6	w	X		X			X					X	
5	MW-30_10072015	10/7/2015	1040	3	w	X		X	X		X		X				
6	MW-31_10062015	10/6/2015	1330	4	w	X		X		X			X		X		
7	MW-35_10062015	10/6/2015	845	1	w		X				X		X	X			
8	MW-65_10072015	10/7/2015	1040	3	w	x		x	x		x		x				
9	Trip Blank	10/7/2015		3	W											x	
10	Temp Blank			1	W												
11																	
12																	

Laboratory Use Only

Samples Were: UPS
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 4.6 °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	Date:	Received by: Signature	Date:
Print Name: Garrin Palmer	Time: 1200	Print Name: Elena Hayward	Time: 1030
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.

Lab Set ID: 1510198

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5	6	7											
Ammonia	pH <2 H_2SO_4				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											
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

gel.com

November 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: 382974

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on October 12, 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. 4289.

Sincerely,

Julie Robinson

Julie Robinson
Project Manager

Purchase Order: DW16138
Enclosures

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 382974

November 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 October 12, 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
382974001	MW-35_10062015

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
Project Manager

382974

Sheet 1 of 1

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
October Monthly Groundwater 2015	Garrin Palmer	

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-35_10062015	10/6/2015	845	Gross Alpha

Comments:

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
Garrin Palmer	10/6/2015 1200	Mark	10/12/15 9:10
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DNMI		**SDG/AR/COC/Work Order:**	382974
Received By: Shanta Mack		**Date Received:**	10/12/15 9:10

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): 40cpm
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 20L
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: Secondary Temperature Device Serial # (If Applicable): 150320158 30
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	Do Low Level Perchlorate samples have headspace as required?		✓		Sample ID's and containers affected:
7	VOA vials contain acid preservation?		✓		(If unknown, select No)
8	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
9	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
10	Samples received within holding time?	✓			ID's and tests affected:
11	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
12	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
13	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
14	Are sample containers identifiable as GEL provided?	✓			
15	COC form is properly signed in relinquished/received sections?	✓			
16	Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground UPS Field Services Courier Other 1Z 187 44402 9713 4199

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials S.R Date 10-12-15 Page 1 of 1 GL-CHL-SR-001 Rev 2

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 382974 October Monthly Groundwater 2015 | **Work Order Due Date:** 09-NOV-15 | **Collector:** C
Client SDG: 382974 | **Package Due Date:** 06-NOV-15 | **Prelogin #:** 20150429171
Project Manager: Julie Robinson | **EDD Due Date:** 09-NOV-15 | **Project Workdef ID:** 1294356
Project Name: DNMI00100 White Mesa Mill GW | **Due Date:** 09-NOV-15 | **SDG Status:** Closed
Purchase Order: DW16138 | JAR1 | **Logged by:**
Package Level: LEVEL3
EDD Format: EIM_DNMI

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
382974001	MW-35_10062015		06-OCT-15 08:45	12-OCT-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-35_10062015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
							Temperature (C)	20	

Product: GFCTORAL **Workdef ID:** 1297250 **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 **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	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? _____

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 382974

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1518023

Sample ID	Client ID
382974001	MW-35_10062015
1203419584	Method Blank (MB)
1203419588	Laboratory Control Sample (LCS)
1203419585	382974001(MW-35_10062015) Sample Duplicate (DUP)
1203419586	382974001(MW-35_10062015) Matrix Spike (MS)
1203419587	382974001(MW-35_10062015) Matrix Spike Duplicate (MSD)

Sample 382974 001 in this SDG was 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.

QC Information

All of the QC samples meet the required acceptance limits with the following exceptions: The sample and the duplicate, 1203419585 (MW-35_10062015DUP) and 382974001 (MW-35_10062015) , did not meet the relative percent difference requirement; however, they do meet the relative error ratio requirement with a value of 0.9527.

Designated QC
The following sample was used for QC: 382974001 (MW-35_10062015).

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 were recounted due to a suspected blank false positive. 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, 1203419586 (MW-35_10062015MS) and 1203419587 (MW-35_10062015MSD), 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

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Qualifier Definition Report
for

DNMI001 Energy Fuels Resources (USA), Inc.

Client SDG: 382974 GEL Work Order: 382974

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: **03 NOV 2015** **Title:** **Analyst II**

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: November 3, 2015

Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado
Contact: **Ms. Kathy Weinel**

Workorder: **382974**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1518023										
QC1203419585 382974001 DUP										
Gross Radium Alpha		4.04		3.24	pCi/L	22*		(0%-20%)	AXM6	11/01/15 16:08
	Uncertainty	+/-0.511		+/-0.472						
QC1203419588 LCS										
Gross Radium Alpha	413			369	pCi/L		89.4	(75%-125%)		11/01/15 16:09
	Uncertainty			+/-4.20						
QC1203419584 MB										
Gross Radium Alpha			U	-0.147	pCi/L					11/01/15 16:08
	Uncertainty			+/-0.141						
QC1203419586 382974001 MS										
Gross Radium Alpha	1670	4.04		1340	pCi/L		80	(75%-125%)		11/01/15 16:08
	Uncertainty	+/-0.511		+/-16.4						
QC1203419587 382974001 MSD										
Gross Radium Alpha	1670	4.04		1430	pCi/L	6.42	85.3	(0%-20%)		11/01/15 16:08
	Uncertainty	+/-0.511		+/-16.4						

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: 382974

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

December 2015

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-001
Client Sample ID: MW-11_12082015
Collection Date: 12/8/2015 1530h
Received Date: 12/11/2015 1000h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	12/11/2015 1421h	12/15/2015 943h	E200.8	0.0100	**0.139**	

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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.

INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-002
Client Sample ID: MW-25_12082015
Collection Date: 12/8/2015 1050h
Received Date: 12/11/2015 1000h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Cadmium	mg/L	12/11/2015 1421h	12/15/2015 952h	E200.8	0.000500	**0.00145**	
Uranium	mg/L	12/11/2015 1421h	12/15/2015 1033h	E200.8	0.000300	**0.00600**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-002
Client Sample ID: MW-25_12082015
Collection Date: 12/8/2015 1050h
Received Date: 12/11/2015 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		12/15/2015 2131h	E300.0	10.0	**31.1**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-003
Client Sample ID: MW-26_12082015
Collection Date: 12/8/2015 1400h
Received Date: 12/11/2015 1000h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Uranium	mg/L	12/11/2015 1421h	12/15/2015 1036h	E200.8	0.000300	**0.0652**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-003
Client Sample ID: MW-26_12082015
Collection Date: 12/8/2015 1400h
Received Date: 12/11/2015 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		12/15/2015 2148h	E300.0	10.0	**66.0**	
Nitrate/Nitrite (as N)	mg/L		12/18/2015 1049h	E353.2	0.100	**1.20**	

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American West
ANALYTICAL LABORATORIES

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QA Officer

ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-003D
Client Sample ID: MW-26_12082015
Collection Date: 12/8/2015 1400h
Received Date: 12/11/2015 1000h
Test Code: 8260-W-DEN100

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

Analyzed: 12/14/2015 1255h
Units: µg/L **Dilution Factor:** 100 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Chloroform	67-66-3	100	**3,140**	~

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	5,390	5,000	108	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	5,160	5,000	103	80-152	
Surr: Dibromofluoromethane	1868-53-7	5,220	5,000	104	80-124	
Surr: Toluene-d8	2037-26-5	5,050	5,000	101	77-129	

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

Analyzed: 12/14/2015 1049h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Methylene chloride	75-09-2	1.00	**12.0**	

Surrogate	CAS	Result	Amount Spiked	% REC	Limits	Qual
Surr: 1,2-Dichloroethane-d4	17060-07-0	53.3	50.00	107	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.5	50.00	105	80-152	
Surr: Dibromofluoromethane	1868-53-7	51.9	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	50.6	50.00	101	77-129	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-004
Client Sample ID: MW-30_12092015
Collection Date: 12/9/2015 1030h
Received Date: 12/11/2015 1000h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	12/11/2015 1421h	12/15/2015 956h	E200.8	0.00500	**0.0407**	
Uranium	mg/L	12/11/2015 1421h	12/15/2015 1130h	E200.8	0.000300	**0.00822**	

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-004
Client Sample ID: MW-30_12092015
Collection Date: 12/9/2015 1030h
Received Date: 12/11/2015 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Ammonia (as N)	mg/L	12/21/2015 1030h	12/22/2015 2010h	E350.1	0.0500	< 0.0500	'
Chloride	mg/L		12/15/2015 1916h	E300.0	100	**144**	
Nitrate/Nitrite (as N)	mg/L		12/18/2015 1053h	E353.2	0.100	**18.2**	

' - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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QA Officer

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-005
Client Sample ID: MW-31_12082015
Collection Date: 12/8/2015 1300h
Received Date: 12/11/2015 1000h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Selenium	mg/L	12/11/2015 1421h	12/15/2015 959h	E200.8	0.00500	**0.0804**	

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Kyle F. Gross
Laboratory Director

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INORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-005
Client Sample ID: MW-31_12082015
Collection Date: 12/8/2015 1300h
Received Date: 12/11/2015 1000h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Chloride	mg/L		12/15/2015 1933h	E300.0	100	**231**	
Nitrate/Nitrite (as N)	mg/L		12/18/2015 1054h	E353.2	0.200	**19.5**	
Sulfate	mg/L		12/15/2015 1933h	E300.0	100	**690**	
Total Dissolved Solids	mg/L		12/11/2015 1305h	SM2540C	20.0	**1,580**	@

@ - 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: December Monthly GW 2015
Lab Sample ID: 1512317-001
Client Sample ID: MW-35_12142015
Collection Date: 12/14/2015 1530h
Received Date: 12/16/2015 1130h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	12/17/2015 1430h	12/19/2015 1050h	E200.8	0.0100	**0.177**	
Selenium	mg/L	12/17/2015 1430h	12/19/2015 1050h	E200.8	0.00500	**0.0250**	
Thallium	mg/L	12/17/2015 1430h	12/19/2015 1121h	E200.8	0.000500	< 0.000500	
Uranium	mg/L	12/17/2015 1430h	12/19/2015 1140h	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 13, 2016

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_12152015	Project:	DNMI00100
Sample ID:	387680001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	15-DEC-15 15:30		
Receive Date:	17-DEC-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	+/-0.549	0.917	1.00	pCi/L		AXM6	01/06/16	1232	1533807	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: December Monthly GW 2015
Lab Sample ID: 1512317-002
Client Sample ID: MW-65_12142015
Collection Date: 12/14/2015 1530h
Received Date: 12/16/2015 1130h

Analytical Results DISSOLVED METALS

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Manganese	mg/L	12/17/2015 1430h	12/19/2015 1105h	E200.8	0.0100	**0.180**	
Selenium	mg/L	12/17/2015 1430h	12/19/2015 1105h	E200.8	0.00500	**0.0263**	
Thallium	mg/L	12/17/2015 1430h	12/19/2015 1124h	E200.8	0.000500	< 0.000500	
Uranium	mg/L	12/17/2015 1430h	12/19/2015 1143h	E200.8	0.000300	**0.0221**	

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Certificate of Analysis

Report Date: January 13, 2016

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_12152015	Project:	DNMI00100
Sample ID:	387680002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	15-DEC-15 15:30		
Receive Date:	17-DEC-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		6.58	+/-0.676	0.997	1.00	pCi/L		AXM6	01/06/16	1231	1533807	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"			104	(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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Laboratory Director

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ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly Ground Water 2015
Lab Sample ID: 1512253-006A
Client Sample ID: Trip Blank
Collection Date: 12/8/2015
Received Date: 12/11/2015 1000h

Test Code: 8260-W-DEN100

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

Analyzed: 12/14/2015 1030h
Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
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	53.1	50.00	106	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	52.9	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	52.0	50.00	104	80-124	
Surr: Toluene-d8	2037-26-5	50.6	50.00	101	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: December Monthly GW 2015

Dear Garrin Palmer: Lab Set ID: 1512317

American West Analytical Laboratories received sample(s) on 12/16/2015 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, Wyoming, 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: 2015.12.31 14:25:11 -07'00'

Laboratory Director or designee

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SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: December Monthly GW 2015
Lab Set ID: 1512317
Date Received: 12/16/2015 1130h

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1512317-001A	MW-35_12142015	12/14/2015 1530h	Aqueous	ICPMS Metals, Dissolved
1512317-002A	MW-65_12142015	12/14/2015 1530h	Aqueous	ICPMS Metals, Dissolved

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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:	December Monthly GW 2015
Lab Set ID:	1512317

Sample Receipt Information:

Date of Receipt:	12/16/2015
Date of Collection:	12/14/2015
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:

Method Blanks (MB): No target analytes were detected above reporting limits, indicating that the procedure was free from contamination.

Laboratory Control Samples (LCS): All LCS recoveries were within control limits, indicating that the preparation and analysis were in control.

Matrix Spike / Matrix Spike Duplicates (MS/MSD): All percent recoveries and RPDs (Relative Percent Differences) were inside established limits, indicating no apparent matrix interferences.

Corrective Action: None required.

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512317
Project: December Monthly GW 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-40774	Date Analyzed:	12/19/2015 1047h											
Test Code: 200.8-DIS	Date Prepared:	12/17/2015 1430h											
Manganese	0.197	mg/L	E200.8	0.00153	0.00200	0.2000	0	98.4	85 - 115				
Selenium	0.195	mg/L	E200.8	0.0000634	0.00200	0.2000	0	97.3	85 - 115				
Thallium	0.191	mg/L	E200.8	0.0000242	0.00200	0.2000	0	95.4	85 - 115				
Uranium	0.194	mg/L	E200.8	0.0000112	0.00200	0.2000	0	97.1	85 - 115				

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512317
Project: December Monthly GW 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-40774**	Date Analyzed:	12/19/2015 1043h											
Test Code:	200.8-DIS	Date Prepared:	12/17/2015 1430h											
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-40774**	Date Analyzed:	12/19/2015 1118h											
Test Code:	200.8-DIS	Date Prepared:	12/17/2015 1430h											
Thallium		< 0.000500	mg/L	E200.8	0.00000605	0.000500								
Lab Sample ID:	**MB-40774**	Date Analyzed:	12/19/2015 1137h											
Test Code:	200.8-DIS	Date Prepared:	12/17/2015 1430h											
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: 1512317
Project: December Monthly GW 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: 1512317-001AMS	Date Analyzed:	12/19/2015 1059h											
Test Code: 200.8-DIS	Date Prepared:	12/17/2015 1430h											
Manganese	0.366	mg/L	E200.8	0.00153	0.00200	0.2000	0.177	94.4	75 - 125				
Selenium	0.223	mg/L	E200.8	0.0000634	0.00200	0.2000	0.025	99.2	75 - 125				
Thallium	0.185	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000402	92.2	75 - 125				
Uranium	0.215	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0218	96.7	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: 1512317
Project: December Monthly GW 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: 1512317-001AMSD	Date Analyzed:	12/19/2015 1102h											
Test Code: 200.8-DIS	Date Prepared:	12/17/2015 1430h											
Manganese	0.370	mg/L	E200.8	0.00153	0.00200	0.2000	0.177	96.4	75 - 125	0.366	1.12	20	
Selenium	0.226	mg/L	E200.8	0.0000634	0.00200	0.2000	0.025	100	75 - 125	0.223	1.03	20	
Thallium	0.195	mg/L	E200.8	0.0000242	0.00200	0.2000	0.000402	97.1	75 - 125	0.185	5.16	20	
Uranium	0.228	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0218	103	75 - 125	0.215	5.81	20	

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American West Analytical Laboratories

REVISED: 12-17-15

Dissolved Cd cancelled and Dissolved Mg, Se and Tl added. Sample #1 Sample ID corrected per revised COC from Client - DB

UL

Denison

WORK ORDER Summary

Work Order: **1512317** Page 1 of 1

Client: Energy Fuels Resources, Inc. Due Date: 12/31/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **December Monthly GW 2015** **QC Level:** III WO Type: Project

Comments: PA Rush. QC 3 (Summary/No chromatograms). 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 were field filtered. 12-17-15 - Revised COD received from client. Dissolved Cd cancelled and Dissoled Mg, Se and Tl added. Sample #1 Sample ID also corrected.; DB

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1512317-001A	**MW-35_12142015**	12/14/2015 1530h	12/16/2015 1130h	**200.8-DIS**	Aqueous		df - dis met	1
				4 SEL Analytes: MN SE TL U				
				200.8-DIS-PR			df - dis met	
1512317-002A	**MW-65_12142015**	12/14/2015 1530h	12/16/2015 1130h	**200.8-DIS**	Aqueous		df - dis met	1
				4 SEL Analytes: MN SE TL U				
				200.8-DIS-PR			df - dis met	

Printed: 12/17/2015 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☐ RT ☐ CN ☐ TAT ☐ QC ☐ HOK_____ HOK_____ HOK_____ COC Emailed_____

- Revised -

CHAIN OF CUSTODY

15 12317
AWAL Lab Sample Set #
Page 1 of 1

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

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (POL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

QC Level: 3
Turn Around Time: Standard
Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.
Due Date:

Client: Energy Fuels Resources, Inc.
Address: 6425 S. Hwy. 191
Blanding, UT 84511
Contact: Garrin Palmer
Phone #: (435) 678-2221 Cell #:
Email: gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com
Project Name: December Monthly GW 2015
Project #:
PO #:
Sampler Name: 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:

Laboratory Use Only

Samples Were:
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature ____ °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

	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, (8260C)	Known Hazards & Sample Comments
1																	
3																	
4																	
5																	
6																	
7	MW-35_12142015	12/14/2015	1530	2	W		X				X		X	X			
8	MW-65_12142015	12/14/2015	1530	2	W		X				X		X	X			
9																	
10																	
11																	
12																	

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: Garrin Palmer	Date: 12/17/15 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	Date: 12/17/15 Time: 10:30

Special Instructions:

Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.

Samples received 12/16/15 11:30 (See attached COC)

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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 # 1512317

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: **December Monthly Groundwater 2015**
Project #:
PO #:
Sampler Name: **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

Laboratory Use Only

Samples Were: UPS
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 2.9 °C
4 Received Broken/Leaking (Improperly Sealed) Y N
5 Properly Preserved Y N
Checked at bench Y N
6 Received Within Holding Times Y N

	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, (8260C)	Known Hazards & Sample Comments
1																	
3	MW-25_12142015 (Bottle reads MW-35)	12/14/2015	1530	1	W			~~X~~			X	X					Bottles for chlorides not received.
4	MW-65_12142015	12/14/2015	1530	1	W			~~X~~			X	X					
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

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 Label and COC Record? Y N
#1 sample ID

Relinquished by: Signature	Garrin Palmer	Date: 12/15/15	Received by: Signature		Date:
Print Name:	Garrin Palmer	Time: 1230	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: 12/16/15
Print Name:		Time:	Print Name:	Denise Brown	Time: 11:30

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: 512317

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	001	002																
Ammonia	pH <2 H_2SO_4																		
COD	pH <2 H_2SO_4																		
Cyanide	pH >12 NaOH																		
Metals	pH <2 HNO_3	yes	yes																
NO_2 & NO_3	pH <2 H_2SO_4																		
O & G	pH <2 HCL																		
Phenols	pH <2 H_2SO_4																		
Sulfide	pH > 9NaOH, Zn Acetate																		
TKN	pH <2 H_2SO_4																		
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: December Monthly Ground Water 2015

Dear Garrin Palmer: Lab Set ID: 1512253

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 sample(s) on 12/11/2015 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, Wyoming, 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: 2016.01.05 13:35:50 -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: December Monthly Ground Water 2015
Lab Set ID: 1512253
Date Received: 12/11/2015 1000h

Lab Sample ID	Client Sample ID	Date Collected		Matrix	Analysis
1512253-001A	MW-11_12082015	12/8/2015	1530h	Aqueous	ICPMS Metals, Dissolved
1512253-002A	MW-25_12082015	12/8/2015	1050h	Aqueous	ICPMS Metals, Dissolved
1512253-002B	MW-25_12082015	12/8/2015	1050h	Aqueous	Anions, E300.0
1512253-003A	MW-26_12082015	12/8/2015	1400h	Aqueous	ICPMS Metals, Dissolved
1512253-003B	MW-26_12082015	12/8/2015	1400h	Aqueous	Anions, E300.0
1512253-003C	MW-26_12082015	12/8/2015	1400h	Aqueous	Nitrite/Nitrate (as N), E353.2
1512253-003D	MW-26_12082015	12/8/2015	1400h	Aqueous	VOA by GC/MS Method 8260C/5030C
1512253-004A	MW-30_12092015	12/9/2015	1030h	Aqueous	ICPMS Metals, Dissolved
1512253-004B	MW-30_12092015	12/9/2015	1030h	Aqueous	Anions, E300.0
1512253-004C	MW-30_12092015	12/9/2015	1030h	Aqueous	Nitrite/Nitrate (as N), E353.2
1512253-004C	MW-30_12092015	12/9/2015	1030h	Aqueous	Ammonia, Aqueous
1512253-005A	MW-31_12082015	12/8/2015	1300h	Aqueous	ICPMS Metals, Dissolved
1512253-005B	MW-31_12082015	12/8/2015	1300h	Aqueous	Anions, E300.0
1512253-005C	MW-31_12082015	12/8/2015	1300h	Aqueous	Nitrite/Nitrate (as N), E353.2
1512253-005D	MW-31_12082015	12/8/2015	1300h	Aqueous	Total Dissolved Solids, A2540C
1512253-006A	Trip Blank	12/8/2015		Aqueous	VOA by GC/MS Method 8260C/5030C

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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 Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	December Monthly Ground Water 2015
Lab Set ID:	1512253

Sample Receipt Information:

Date of Receipt:	12/11/2015
Date(s) of Collection:	12/8 & 12/9/2015
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
1512251-001D	Ammonia	MS/MSD	Sample matrix interference
1512253-004C	Ammonia	MS/MSD	Sample matrix interference

Duplicate (DUP): The parameters that required a duplicate analysis had RPDs within the control limits, with the following exception: The RPD for TDS was outside of control limits on sample 1512253-005D due to suspected sample non-homogeneity or matrix interference.

Corrective Action: None required.

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

Volatile Case Narrative

Client:	Energy Fuels Resources, Inc.
Contact:	Garrin Palmer
Project:	December Monthly Ground Water 2015
Lab Set ID:	1512253

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt:	12/11/2015
Date(s) of Collection:	12/8 & 12/9/2015
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.

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: 1512253
Project: December 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-40681	Date Analyzed:	12/15/2015 905h											
Test Code: 200.8-DIS	Date Prepared:	12/11/2015 1421h											
Cadmium	0.201	mg/L	E200.8	0.000193	0.000500	0.2000	0	100	85 - 115				
Manganese	0.202	mg/L	E200.8	0.00153	0.00200	0.2000	0	101	85 - 115				
Selenium	0.200	mg/L	E200.8	0.0000634	0.00200	0.2000	0	100	85 - 115				
Uranium	0.205	mg/L	E200.8	0.0000112	0.00200	0.2000	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: 1512253
Project: December 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-40681**	Date Analyzed:	12/15/2015 1024h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Uranium		< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID:	**MB-40681**	Date Analyzed:	12/15/2015 902h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
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								

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December 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:	**1512251-001EMS**	Date Analyzed:	12/15/2015 924h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Cadmium		0.201	mg/L	E200.8	0.000193	0.000500	0.2000	0.000509	100	75 - 125				
Manganese		0.217	mg/L	E200.8	0.00153	0.00200	0.2000	0.0211	97.8	75 - 125				
Selenium		0.210	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00593	102	75 - 125				
Uranium		0.219	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0139	103	75 - 125				
Lab Sample ID:	**1512253-001AMS**	Date Analyzed:	12/15/2015 946h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Cadmium		0.196	mg/L	E200.8	0.000193	0.000500	0.2000	0	98.1	75 - 125				
Manganese		0.328	mg/L	E200.8	0.00153	0.00200	0.2000	0.139	94.4	75 - 125				
Selenium		0.197	mg/L	E200.8	0.0000634	0.00200	0.2000	0.0000929	98.2	75 - 125				
Uranium		0.202	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000663	101	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: 1512253
Project: December 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:	**1512251-001EMSD**	Date Analyzed:	12/15/2015 927h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Cadmium		0.205	mg/L	E200.8	0.000193	0.000500	0.2000	0.000509	102	75 - 125	0.201	1.97	20	
Manganese		0.221	mg/L	E200.8	0.00153	0.00200	0.2000	0.0211	100	75 - 125	0.217	2.14	20	
Selenium		0.213	mg/L	E200.8	0.0000634	0.00200	0.2000	0.00593	103	75 - 125	0.21	1.28	20	
Uranium		0.223	mg/L	E200.8	0.0000112	0.00200	0.2000	0.0139	105	75 - 125	0.219	1.77	20	
Lab Sample ID:	**1512253-001AMSD**	Date Analyzed:	12/15/2015 949h											
Test Code:	200.8-DIS	Date Prepared:	12/11/2015 1421h											
Cadmium		0.199	mg/L	E200.8	0.000193	0.000500	0.2000	0	99.3	75 - 125	0.196	1.25	20	
Manganese		0.331	mg/L	E200.8	0.00153	0.00200	0.2000	0.139	95.9	75 - 125	0.328	0.944	20	
Selenium		0.200	mg/L	E200.8	0.0000634	0.00200	0.2000	0.0000929	99.7	75 - 125	0.197	1.49	20	
Uranium		0.203	mg/L	E200.8	0.0000112	0.00200	0.2000	0.000663	101	75 - 125	0.202	0.599	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: 1512253
Project: December 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: 1512251-001CDUP Date Analyzed: 12/11/2015 1305h Test Code: TDS-W-2540C													
Total Dissolved Solids	3,970	mg/L	SM2540C	17.5	20.0					3910	1.52	5	
Lab Sample ID: 1512253-005DDUP Date Analyzed: 12/11/2015 1305h Test Code: TDS-W-2540C													
Total Dissolved Solids	1,460	mg/L	SM2540C	17.5	20.0					1580	7.37	5	@

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

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December 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-R86044 Date Analyzed: 12/15/2015 1339h													
Test Code: 300.0-W													
Chloride	4.90	mg/L	E300.0	0.00751	0.100	5.000	0	97.9	90 - 110				
Sulfate	5.00	mg/L	E300.0	0.0211	0.750	5.000	0	100	90 - 110				
Lab Sample ID: LCS-40802 Date Analyzed: 12/22/2015 2006h													
Test Code: NH3-W-350.1 Date Prepared: 12/21/2015 1030h													
Ammonia (as N)	9.30	mg/L	E350.1	0.0226	0.0500	10.00	0	93.0	90 - 110				
Lab Sample ID: LCS-R86136 Date Analyzed: 12/18/2015 1027h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.02	mg/L	E353.2	0.00833	0.0100	1.000	0	102	90 - 110				
Lab Sample ID: LCS-R85971 Date Analyzed: 12/11/2015 1305h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	216	mg/L	SM2540C	8.77	10.0	205.0	0	105	80 - 120				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December 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-R86044	Date Analyzed:	12/15/2015 1322h											
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-40802	Date Analyzed:	12/22/2015 2005h											
Test Code: NH3-W-350.1	Date Prepared:	12/21/2015 1030h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R86136	Date Analyzed:	12/18/2015 1034h											
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-R85971	Date Analyzed:	12/11/2015 1305h											
Test Code: TDS-W-2540C													
Total Dissolved Solids	< 10.0	mg/L	SM2540C	8.77	10.0								

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December 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:	**1512251-001BMS**	Date Analyzed:	12/15/2015 1825h											
Test Code:	300.0-W													
Chloride		9,930	mg/L	E300.0	15.0	200	10,000	47.2	98.9	90 - 110				
Sulfate		12,700	mg/L	E300.0	42.2	1,500	10,000	2600	101	90 - 110				
Lab Sample ID:	**1512253-005BMS**	Date Analyzed:	12/15/2015 1950h											
Test Code:	300.0-W													
Chloride		1,240	mg/L	E300.0	1.50	20.0	1,000	231	101	90 - 110				
Sulfate		1,720	mg/L	E300.0	4.22	150	1,000	690	103	90 - 110				
Lab Sample ID:	**1512251-001DMS**	Date Analyzed:	12/22/2015 2007h											
Test Code:	NH3-W-350.1	Date Prepared:	12/21/2015 1030h											
Ammonia (as N)		14.6	mg/L	E350.1	0.0226	0.0500	10.00	0.0231	146	90 - 110				1
Lab Sample ID:	**1512253-004CMS**	Date Analyzed:	12/22/2015 2011h											
Test Code:	NH3-W-350.1	Date Prepared:	12/21/2015 1030h											
Ammonia (as N)		16.4	mg/L	E350.1	0.0226	0.0500	10.00	0	164	90 - 110				1
Lab Sample ID:	**1512251-001DMS**	Date Analyzed:	12/18/2015 1046h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		1.22	mg/L	E353.2	0.00833	0.0100	1.000	0.185	103	90 - 110				
Lab Sample ID:	**1512253-003CMS**	Date Analyzed:	12/18/2015 1051h											
Test Code:	NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)		11.7	mg/L	E353.2	0.0833	0.100	10.00	1.21	105	90 - 110				

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

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December Monthly Ground Water 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: 1512251-001BMSD Date Analyzed: 12/15/2015 1842h													
Test Code: 300.0-W													
Chloride	10,200	mg/L	E300.0	15.0	200	10,000	47.2	102	90 - 110	9930	2.82	20	
Sulfate	12,900	mg/L	E300.0	42.2	1,500	10,000	2600	103	90 - 110	12700	1.36	20	
Lab Sample ID: 1512253-005BMSD Date Analyzed: 12/15/2015 2007h													
Test Code: 300.0-W													
Chloride	1,250	mg/L	E300.0	1.50	20.0	1,000	231	102	90 - 110	1240	0.601	20	
Sulfate	1,740	mg/L	E300.0	4.22	150	1,000	690	105	90 - 110	1720	1.17	20	
Lab Sample ID: 1512251-001DMSD Date Analyzed: 12/22/2015 2008h													
Test Code: NH3-W-350.1 Date Prepared: 12/21/2015 1030h													
Ammonia (as N)	16.1	mg/L	E350.1	0.0226	0.0500	10.00	0.0231	161	90 - 110	14.6	9.77	10	I
Lab Sample ID: 1512253-004CMSD Date Analyzed: 12/22/2015 2011h													
Test Code: NH3-W-350.1 Date Prepared: 12/21/2015 1030h													
Ammonia (as N)	15.8	mg/L	E350.1	0.0226	0.0500	10.00	0	158	90 - 110	16.4	3.55	10	I
Lab Sample ID: 1512251-001DMSD Date Analyzed: 12/18/2015 1047h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	1.25	mg/L	E353.2	0.00833	0.0100	1.000	0.185	106	90 - 110	1.22	2.68	10	
Lab Sample ID: 1512253-003CMSD Date Analyzed: 12/18/2015 1052h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	11.6	mg/L	E353.2	0.0833	0.100	10.00	1.21	104	90 - 110	11.7	0.343	10	

I - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December Monthly Ground Water 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 121415A Date Analyzed: 12/14/2015 848h													
Test Code: 8260-W-DEN100													
Chloroform	21.2	µg/L	SW8260C	0.153	1.00	20.00	0	106	67 - 132				
Methylene chloride	23.0	µg/L	SW8260C	0.172	1.00	20.00	0	115	32 - 185				
Surr: 1,2-Dichloroethane-d4	51.4	µg/L	SW8260C			50.00		103	76 - 138				
Surr: 4-Bromofluorobenzene	49.3	µg/L	SW8260C			50.00		98.6	80 - 152				
Surr: Dibromofluoromethane	51.1	µg/L	SW8260C			50.00		102	67 - 128				
Surr: Toluene-d8	49.0	µg/L	SW8260C			50.00		97.9	81 - 135				

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Jose Rocha
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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December 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 121415A Date Analyzed: 12/14/2015 931h													
Test Code: 8260-W-DEN100													
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	53.8	µg/L	SW8260C			50.00		108	76 - 138				
Surr: 4-Bromofluorobenzene	51.4	µg/L	SW8260C			50.00		103	80 - 152				
Surr: Dibromofluoromethane	52.1	µg/L	SW8260C			50.00		104	67 - 128				
Surr: Toluene-d8	50.4	µg/L	SW8260C			50.00		101	81 - 135				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December 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: 1512251-002AMS Date Analyzed: 12/14/2015 1413h													
Test Code: 8260-W-DEN100													
Chloroform	21.5	µg/L	SW8260C	0.153	1.00	20.00	0	108	50 - 146				
Methylene chloride	23.3	µg/L	SW8260C	0.172	1.00	20.00	0	116	30 - 192				
Surr: 1,2-Dichloroethane-d4	53.3	µg/L	SW8260C			50.00		107	72 - 151				
Surr: 4-Bromofluorobenzene	50.7	µg/L	SW8260C			50.00		101	80 - 152				
Surr: Dibromofluoromethane	51.7	µg/L	SW8260C			50.00		103	80 - 124				
Surr: Toluene-d8	49.1	µg/L	SW8260C			50.00		98.2	77 - 129				
Lab Sample ID: 1512253-003DMS Date Analyzed: 12/14/2015 1314h													
Test Code: 8260-W-DEN100													
Chloroform	5,320	µg/L	SW8260C	15.3	100	2,000	3140	109	50 - 146				
Methylene chloride	2,460	µg/L	SW8260C	17.2	100	2,000	0	123	30 - 192				
Surr: 1,2-Dichloroethane-d4	5,320	µg/L	SW8260C			5,000		106	72 - 151				
Surr: 4-Bromofluorobenzene	4,930	µg/L	SW8260C			5,000		98.6	80 - 152				
Surr: Dibromofluoromethane	5,180	µg/L	SW8260C			5,000		104	80 - 124				
Surr: Toluene-d8	5,000	µg/L	SW8260C			5,000		100	77 - 129				

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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1512253
Project: December Monthly Ground Water 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: 1512251-002AMSD Date Analyzed: 12/14/2015 1432h													
Test Code: 8260-W-DEN100													
Chloroform	19.8	µg/L	SW8260C	0.153	1.00	20.00	0	99.2	50 - 146	21.5	8.27	25	
Methylene chloride	20.8	µg/L	SW8260C	0.172	1.00	20.00	0	104	30 - 192	23.3	11.3	25	
Surr: 1,2-Dichloroethane-d4	52.8	µg/L	SW8260C			50.00		106	72 - 151				
Surr: 4-Bromofluorobenzene	50.4	µg/L	SW8260C			50.00		101	80 - 152				
Surr: Dibromofluoromethane	51.8	µg/L	SW8260C			50.00		104	80 - 124				
Surr: Toluene-d8	48.9	µg/L	SW8260C			50.00		97.8	77 - 129				
Lab Sample ID: 1512253-003DMSD Date Analyzed: 12/14/2015 1334h													
Test Code: 8260-W-DEN100													
Chloroform	5,090	µg/L	SW8260C	15.3	100	2,000	3140	97.7	50 - 146	5320	4.46	25	
Methylene chloride	2,410	µg/L	SW8260C	17.2	100	2,000	0	120	30 - 192	2460	2.22	25	
Surr: 1,2-Dichloroethane-d4	5,270	µg/L	SW8260C			5,000		105	72 - 151				
Surr: 4-Bromofluorobenzene	4,890	µg/L	SW8260C			5,000		97.8	80 - 152				
Surr: Dibromofluoromethane	5,110	µg/L	SW8260C			5,000		102	80 - 124				
Surr: Toluene-d8	4,990	µg/L	SW8260C			5,000		99.8	77 - 129				

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report 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: **1512253**

Client: Energy Fuels Resources, Inc. Due Date: 12/28/2015

Client ID: DEN100 **Contact:** Garrin Palmer

Project: **December 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: Run NO2/NO3 as a 10X. 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 were field filtered.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1512253-001A	**MW-11_12082015**	12/8/2015 1530h	12/11/2015 1000h	**200.8-DIS**	Aqueous	☑	df-met	1
				1 SEL Analytes: MN				
				200.8-DIS-PR		☑	df-met	
1512253-002A	**MW-25_12082015**	12/8/2015 1050h	12/11/2015 1000h	**200.8-DIS**	Aqueous	☑	df-met	1
				2 SEL Analytes: CD U				
				200.8-DIS-PR		☑	df-met	
1512253-002B				**300.0-W**		☑	df-cl	
				1 SEL Analytes: CL				
1512253-003A	**MW-26_12082015**	12/8/2015 1400h	12/11/2015 1000h	**200.8-DIS**	Aqueous	☑	df-met	1
				1 SEL Analytes: U				
				200.8-DIS-PR		☑	df-met	
1512253-003B				**300.0-W**		☑	df-cl	
				1 SEL Analytes: CL				
1512253-003C				**NO2/NO3-W-353.2**		☑	DF-NO2/NO3	
				1 SEL Analytes: NO3NO2N				
1512253-003D				**8260-W-DEN100**		☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 2 / # of Surr: 4				
1512253-004A	**MW-30_12092015**	12/9/2015 1030h	12/11/2015 1000h	**200.8-DIS**	Aqueous	☑	df-met	1
				2 SEL Analytes: SE U				
				200.8-DIS-PR		☑	df-met	
1512253-004B				**300.0-W**		☑	df-cl	
				1 SEL Analytes: CL				
1512253-004C				**NH3-W-350.1**		☑	DF-NO2/NO3	
				1 SEL Analytes: NH3N				
				NH3-W-PR		☐	DF-NO2/NO3	
				NO2/NO3-W-353.2		☑	DF-NO2/NO3	
				1 SEL Analytes: NO3NO2N				
1512253-005A	**MW-31_12082015**	12/8/2015 1300h	12/11/2015 1000h	**200.8-DIS**	Aqueous	☑	df-met	1
				1 SEL Analytes: SE				
				200.8-DIS-PR		☑	df-met	

Printed: 1/5/2016 FOR LABORATORY USE ONLY [fill out on page 1]: %M ☐ RT ☐ CN ☐ TAT ☐ QC ☐ HOK HOK_____ HOK_____ COC Emailed_____

WORK ORDER Summary

Work Order: **1512253**

Client: Energy Fuels Resources, Inc. Due Date: 12/28/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1512253-005B	**MW-31_12082015**	12/8/2015 1300h	12/11/2015 1000h	**300.0-W**	Aqueous	☑	df-cl	1
				2 SEL Analytes: CL SO4				
1512253-005C				**NO2/NO3-W-353.2**		☑	DF-NO2/NO3	
				1 SEL Analytes: NO3NO2N				
1512253-005D				**TDS-W-2540C**		☑	DF-tds	
				1 SEL Analytes: TDS				
1512253-006A	**Trip Blank**	12/8/2015	12/11/2015 1000h	**8260-W-DEN100**	Aqueous	☑	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 2 / # 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

15122-53
AWAL Lab Sample Set #
Page 1 of 1

All analysis will be conducted using NELAP accredited methods and all data will be reported using AWAL's standard analyte lists and reporting limits (PQL) unless specifically requested otherwise on this Chain of Custody and/or attached documentation.

QC Level:	Turn Around Time:	Unless other arrangements have been made, signed reports will be emailed by 5:00 pm on the day they are due.	Due Date:
3	Standard		

Client: **Energy Fuels Resources, Inc.**
Address: **6425 S. Hwy. 191**
Blanding, UT 84511
Contact: **Garrin Palmer**
Phone #: **(435) 678-2221** Cell #:
Email: **gpalmer@energyfuels.com; KWeinel@energyfuels.com; dturk@energyfuels.com**
Project Name: **December 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:

Known Hazards & Sample Comments

	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, (8260C)	Known Hazards & Sample Comments
1	MW-11_12082015	12/8/2015	1530	1	W		X										
3	MW-25_12082015	12/8/2015	1050	2	W			X			X	X					
4	MW-26_12082015	12/8/2015	1400	6	W	X		X			X					X	
5	MW-30_12092015	12/9/2015	1030	3	W	X		X	X		X		X				
6	MW-31_12082015	12/8/2015	1300	4	W	X		X		X			X		X		
7	[redacted]																
8	[redacted]																
9	TRIP BLANK	12/8/2015		3	W												
10	TEMP BLANK	12/10/2015		1	W												
11																	
12																	

Laboratory Use Only

Samples Were: ups
1 Shipped or hand delivered
2 Ambient or Chilled
3 Temperature 3.1 °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	Date: 12/10/2015	Received by: Signature	Date:
Print Name: TANNER HOLLIDAY	Time: 1230	Print Name:	Time:
Relinquished by: Signature	Date:	Received by: Signature	Date: 12/11/15
Print Name:	Time:	Print Name: Elma Hayward	Time: 1000
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: 1512253

Preservation Check Sheet

Sample Set Extension and pH

Analysis	Preservative	1	2	3	4	5													
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													
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

gel.com

January 14, 2016

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: White Mesa Mill GW
Work Order: 387680

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on December 17, 2015. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. Revised to include the correct collection date.

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. 4289.

Sincerely,

Julie Robinson

Julie Robinson
Project Manager

Purchase Order: DW16138
Enclosures

Revised to include the correct collection date.

Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 387680

January 14, 2016

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 December 17, 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
387680001	MW-35_12142015
387680002	MW-65_12142015

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
Project Manager

387680

Sheet 1 of 1

CHAIN OF CUSTODY

Samples Shipped to:	Gel Laboratories	Contact:	Garrin Palmer
	2040 Savage Road		Ph: 435 678 2221
	Charleston, SC 29407		gpalmer@energyfuels.com

Chain of Custody/Sampling Analysis Request

Project	Samplers Name	Samplers Signature
December Monthly GW 2015	Garrin Palmer	Garrin Palmer

Sample ID	Date Collected	Time Collected	Laboratory Analysis Requested
MW-35_12152015	12/15/2015	1530	Gross Alpha
MW-65_12152015	12/15/2015	1530	Gross Alpha
14	14		
GW	GW		* Please change Date collected to 12/14/2015. and Sample ID to MW-35_12142015, MW-65-12142015

Comments: Please send report to Kathy Weinel at kweinel@energyfuels.com

Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time
Garrin Palmer	12/15/15 1230		12/17/15 9:20
Relinquished By:(Signature)	Date/Time	Received By:(Signature)	Date/Time

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DNMI			SDG/AR/COC/Work Order: 387680
Received By: Shanta Mack			Date Received: 12/17/15 9:20
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): 300 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 13C
2a	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: Secondary Temperature Device Serial # (If Applicable): GUN3201585
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	Do Low Level Perchlorate samples have headspace as required?		✓		Sample ID's and containers affected:
7	VOA vials contain acid preservation?		✓		(If unknown, select No)
8	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
9	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
10	Samples received within holding time?	✓			ID's and tests affected:
11	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
12	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
13	Number of containers received match number indicated on COC?	✓			Sample ID's affected:
14	Are sample containers identifiable as GEL provided?	✓			
15	COC form is properly signed in relinquished/received sections?	✓			
16	Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground UPS Field Services Courier Other 1Z187Y4Y0293017439

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials JLR Date 12-17-15 Page 1 of 1 GL-CHL-SR-001 Rev 2

GEL Laboratories LLC – Login Review Report

GEL Work Order/SDG: 387680 4th Quarter GW 2015
Client SDG: 387680
Project Manager: Julie Robinson
Project Name: DNMI00100 White Mesa Mill GW
Purchase Order: DW16138
Package Level: LEVEL3
EDD Format: EIM_DNMI

Work Order Due Date: 18-JAN-16
Package Due Date: 15-JAN-16
EDD Due Date: 18-JAN-16
Due Date: 18-JAN-16
JAR1

Collector: C
Prelogin #: 20150429171
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
387680001	MW-35_12142015		14-DEC-15 15:30	17-DEC-15 09:20	-2	1	GROUND WATER		20		1		
387680002	MW-65_12142015		14-DEC-15 15:30	17-DEC-15 09:20	-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_12142015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	
-002	MW-65_12142015	REVW	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed	Y	

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

Contingent Tests

Action	Product Name	Description	Samples

Login Requirements:

Requirement	Include?	Comments

GEL Laboratories LLC – Login Review Report

Peer Review by:_____ Work Order (SDG#), PO# Checked?_____ C of C signed in receiver location? _____

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 387680

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1533807

Sample ID	Client ID
387680001	MW-35_12152015
387680002	MW-65_12152015
1203460133	Method Blank (MB)
1203460137	Laboratory Control Sample (LCS)
1203460134	387679002(MW-37_12092015) Sample Duplicate (DUP)
1203460135	387679002(MW-37_12092015) Matrix Spike (MS)
1203460136	387679002(MW-37_12092015) Matrix Spike Duplicate (MSD)

Samples 387680 001 and 002 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.

QC Information

All of the QC samples met the required acceptance limits.

Designated QC

The following sample was used for QC: 387679002 (MW-37_12092015).

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
Sample 1203460136 (MW-37_12092015MSD) was recounted due to high recovery. The recount is 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.

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, 1203460135 (MW-37_12092015MS) and 1203460136 (MW-37_12092015MSD), 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: 387680 GEL Work Order: 387680

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: **13 JAN 2016** **Title:** **Analyst II**

GEL LABORATORIES LLC

2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: January 13, 2016

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

Contact: **Ms. Kathy Weinel**

Workorder: **387680**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1533807										
QC1203460134 387679002 DUP										
Gross Radium Alpha	U	0.852		1.03	pCi/L	18.6		(0% - 100%)	AXM6	01/06/16 13:16
	Uncertainty	+/-0.311		+/-0.275						
QC1203460137 LCS										
Gross Radium Alpha	413			399	pCi/L		96.6	(75%-125%)		01/06/16 13:18
	Uncertainty			+/-5.55						
QC1203460133 MB										
Gross Radium Alpha			U	-0.20	pCi/L					01/06/16 13:16
	Uncertainty			+/-0.190						
QC1203460135 387679002 MS										
Gross Radium Alpha	1670 U	0.852		1440	pCi/L		86.2	(75%-125%)		01/06/16 13:18
	Uncertainty	+/-0.311		+/-21.7						
QC1203460136 387679002 MSD										
Gross Radium Alpha	1670 U	0.852		1470	pCi/L	2.07	88	(0%-20%)		01/07/16 10:35
	Uncertainty	+/-0.311		+/-17.8						

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: 387680

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.

Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 387680

Method/Analysis Information

Product:	**GFPC, Total Alpha Radium, Liquid**
Analytical Method:	EPA 900.1 Modified
Analytical Batch Number:	1533807

Sample ID	Client ID
387680001	MW-35_12142015
387680002	MW-65_12142015
1203460133	Method Blank (MB)
1203460137	Laboratory Control Sample (LCS)
1203460134	387679002(MW-37_12092015) Sample Duplicate (DUP)
1203460135	387679002(MW-37_12092015) Matrix Spike (MS)
1203460136	387679002(MW-37_12092015) Matrix Spike Duplicate (MSD)

Samples 387680 001 and 002 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.

QC Information

All of the QC samples met the required acceptance limits.

Designated QC

The following sample was used for QC: 387679002 (MW-37_12092015).

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
Sample 1203460136 (MW-37_12092015MSD) was recounted due to high recovery. The recount is 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.

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, 1203460135 (MW-37_12092015MS) and 1203460136 (MW-37_12092015MSD), 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: 387680 GEL Work Order: 387680

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: **14 JAN 2016** **Title:** **Analyst II**

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: January 14, 2016

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_12142015	Project:	DNMI00100
Sample ID:	387680001	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	14-DEC-15 15:30		
Receive Date:	17-DEC-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	+/-0.549	0.917	1.00	pCi/L		AXM6	01/06/16	1232	1533807	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.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: January 14, 2016

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_12142015	Project:	DNMI00100
Sample ID:	387680002	Client ID:	DNMI001
Matrix:	Ground Water		
Collect Date:	14-DEC-15 15:30		
Receive Date:	17-DEC-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		6.58	+/-0.676	0.997	1.00	pCi/L		AXM6	01/06/16	1231	1533807	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"			104	(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.

QC Summary

Report Date: January 14, 2016

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

Contact: **Ms. Kathy Weinel**

Workorder: **387680**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 1533807										
QC1203460134 387679002 DUP										
Gross Radium Alpha	U	0.852		1.03	pCi/L	18.6		(0% - 100%)	AXM6	01/06/16 13:16
	Uncertainty	+/-0.311		+/-0.275						
QC1203460137 LCS										
Gross Radium Alpha	413			399	pCi/L		96.6	(75%-125%)		01/06/16 13:18
	Uncertainty			+/-5.55						
QC1203460133 MB										
Gross Radium Alpha			U	-0.20	pCi/L					01/06/16 13:16
	Uncertainty			+/-0.190						
QC1203460135 387679002 MS										
Gross Radium Alpha	1670 U	0.852		1440	pCi/L		86.2	(75%-125%)		01/06/16 13:18
	Uncertainty	+/-0.311		+/-21.7						
QC1203460136 387679002 MSD										
Gross Radium Alpha	1670 U	0.852		1470	pCi/L	2.07	88	(0%-20%)		01/07/16 10:35
	Uncertainty	+/-0.311		+/-17.8						

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: **387680**

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: Routine Field Data QA/QC Evaluation

Well	Sample Date	Time Req'd for 2 Casings	Time Pumped (min)	Amount Sufficient?	Conductance		RPD(%)	pH		RPD(%)	Temp (°C)		RPD(%)	Redox Potential (Eh)		RPD(%)	Turbidity (NTU)		>5 NTU	RPD(%)
MW-01	11/11/2015	181.40	185	Y	1921	1923	0.10	6.82	6.83	0.15	13.68	13.60	0.59	286	282	1.41	0.5	0.5	N	0.00
MW-02	11/16/2015	116.45	120	Y	3648	3659	0.30	6.98	6.96	0.29	12.10	12.08	0.17	458	455	0.66	0	0	N	0.00
MW-03	11/3/2015	51.34	60	Y	5711	5709	0.04	6.28	6.25	0.48	14.89	14.84	0.34	429	430	0.23	0	0	N	0.00
MW-03A	11/4/2015	66.68	70	Pumped dry	5872	5896	0.41	6.63	6.63	0.00	14.89	14.98	0.60	NM		NC	NM		N	NC
MW-05	11/4/2015	195.83	200	Y	2897	2884	0.45	7.42	7.43	0.13	14.08	14.10	0.14	401	400	0.25	0	0	N	0.00
MW-11	11/11/2015	263.66	270	Y	2860	2861	0.03	7.46	7.46	0.00	14.40	14.44	0.28	234	230	1.72	20.7	20.8	Y	0.48
MW-12	11/17/2015	133.91	140	Y	4208	4204	0.10	6.64	6.65	0.15	14.10	14.09	0.07	518	517	0.19	2.1	2.1	N	0.00
MW-14	11/3/2015	155.75	160	Y	3909	3907	0.05	6.52	6.52	0.00	14.68	14.67	0.07	419	418	0.24	0	0	N	0.00
MW-15	11/16/2015	188.97	200	Y	4283	4287	0.09	6.80	6.81	0.15	13.92	13.87	0.36	433	432	0.23	0	0	N	0.00
MW-17	11/4/2015	242.24	245	Y	3863	3867	0.10	6.98	6.98	0.00	14.00	13.94	0.43	398	398	0.00	2.0	2.1	N	4.88
MW-18	11/9/2015	373.14	375	Y	3426	3446	0.58	6.28	6.30	0.32	14.77	14.75	0.14	329	328	0.30	2.1	2.2	N	4.65
MW-19	11/10/2015	528.71	540	Y	1446	1449	0.21	6.70	6.70	0.00	14.21	14.19	0.14	400	400	0.00	2.4	2.5	N	4.08
MW-20	12/9/2015	NA	NA	Bailed dry	6066	6123	0.94	7.20	7.19	0.14	14.40	14.43	0.21	NM		NC	NM		N	NC
MW-22	11/17/2015	285.81	300	Y	7775	7776	0.01	4.55	4.55	0.00	14.12	14.13	0.07	561	556	0.90	6.3	6.4	Y	1.57
MW-23	11/18/2015	112.98	110	Pumped dry	3894	3899	0.13	6.80	6.77	0.44	14.57	14.57	0.00	NM		NC	NM		N	NC
MW-24	11/18/2015	47.27	60	Pumped dry	4426	4428	0.05	5.50	5.48	0.36	14.85	14.90	0.34	NM		NC	NM		N	NC
MW-25	11/11/2015	232.55	240	Y	3219	3218	0.03	6.79	6.79	0.00	14.08	14.09	0.07	307	304	0.98	0	0	N	0.00
MW-26	11/11/2015	NA			3433		NC	6.65		200.00	15.42		200.00	347		NC	3.7		N	NC
MW-27	11/10/2015	248.26	250	Y	1489	1487	0.13	6.45	6.48	0.46	14.98	14.98	0.00	341	342	0.29	0	0	N	0.00
MW-28	11/10/2015	210.04	220	Y	4097	4095	0.05	6.21	6.22	0.16	14.85	14.84	0.07	373	371	0.54	0	0	N	0.00
MW-29	11/16/2015	158.88	180	Y	4674	4693	0.41	6.38	6.37	0.16	14.29	14.30	0.07	457	454	0.66	25	26	Y	3.92
MW-30	11/11/2015	207.93	215	Y	2051	2051	0.00	6.83	6.83	0.00	14.54	14.55	0.07	304	304	0.00	0	0	N	0.00
MW-31	11/9/2015	370.97	375	Y	2244	2243	0.04	6.32	6.36	0.63	14.62	14.64	0.14	354	352	0.57	6.5	6.6	Y	1.53
MW-32	11/3/2015	335.22	340	Y	3780	3786	0.16	6.40	6.41	0.16	14.81	14.75	0.41	223	215	3.65	73	74	Y	1.36
MW-35	11/3/2015	75.23	80	Y	4103	4093	0.24	6.73	6.72	0.15	14.43	14.41	0.14	376	376	0.00	0	0	N	0.00
MW-36	11/3/2015	68.30	70	Y	4928	4908	0.41	6.87	6.87	0.00	14.68	14.68	0.00	357	357	0.00	0	0	N	0.00
MW-37	12/9/2015	NA	NA	Bailed dry	4338	4347	0.21	6.94	6.91	0.43	14.10	14.15	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?	Conductance		RPD (%)	pH		RPD (%)	Temp (°C)		RPD (%)	Redox Potential (Eh)		RPD (%)	Turbidity (NTU)		<5 (NTU)	RPD (%)
Accelerated October Monthly																				
MW-11	10/7/2015	263.60	270	Y	2784	2784	0.00	7.47	7.50	0.40	19.48	19.50	0.10	310	305	1.63	0	0	Y	0.00
MW-14	10/8/2015	153.47	155	Y	3980	3961	0.48	6.46	6.45	0.15	15.46	15.4	0.39	404	403	0.25	0	0	Y	0.00
MW-25	10/6/2015	232.25	240	Y	3253	3253	0.00	6.45	6.45	0.00	15.63	15.57	0.38	412	413	0.24	13	13	N	0.00
MW-26	10/7/2015		NA		3557		NC	6.8		NC	16.97		NC	360		NC	9.5		N	NC
MW-30	10/7/2015	208.29	210	Y	2128	2127	0.05	6.88	6.88	0.00	15.30	15.24	0.39	399	397	0.50	0	0	Y	0.00
MW-31	10/6/2015	370.07	375	Y	2266	2264	0.09	6.46	6.47	0.15	14.76	14.74	0.14	411	412	0.24	0	0	Y	0.00
MW-35	10/6/2015	72.22	75	Y	4224	4227	0.07	6.29	6.29	0.00	14.76	14.75	0.07	399	396	0.75	0	0	Y	0.00
Accelerated December Monthly																				
MW-11	12/8/2015	263.30	270	Y	2841	2864	0.81	7.38	7.39	0.14	14.80	14.78	0.14	245	243	0.82	13	13	N	0.00
MW-14	12/8/2015	153.47	165	Y	3887	3889	0.05	6.46	6.45	0.15	14.40	14.40	0.00	291	291	0.00	0	0	Y	0.00
MW-25	12/8/2015	231.40	240	Y	3177	3176	0.03	6.37	6.41	0.63	14.34	14.35	0.07	564	563	0.18	1.8	1.8	Y	0.00
MW-26	12/8/2015		NA		3357		NC	6.3		NC	15.97		NC	487		NC	3.5		Y	NC
MW-30	12/9/2015	208.35	210	Y	2051	2051	0.00	6.79	6.79	0.00	14.14	14.13	0.07	404	404	0.00	0	0	Y	0.00
MW-31	12/8/2015	370.43	380	Y	2239	2237	0.09	6.68	6.70	0.30	14.44	14.44	0.00	517	516	0.19	0	0	Y	0.00
MW-35	12/14/2015	76.13	80	Y	4119	4124	0.12	6.57	6.57	0.00	13.84	13.78	0.43	540	539	0.19	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	2-Butanone	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Acetone	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Benzene	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Carbon tetrachloride	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Chloroform	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Chloromethane	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Methylene chloride	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Naphthalene	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Tetrahydrofuran	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Toluene	11/3/2015	11/5/2015	2	14	OK
Trip Blank	Xylenes, Total	11/3/2015	11/5/2015	2	14	OK
Trip Blank	2-Butanone	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Acetone	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Benzene	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Carbon tetrachloride	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Chloroform	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Chloromethane	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Methylene chloride	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Naphthalene	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Tetrahydrofuran	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Toluene	11/9/2015	11/13/2015	4	14	OK
Trip Blank	Xylenes, Total	11/9/2015	11/13/2015	4	14	OK
Trip Blank	2-Butanone	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Acetone	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Benzene	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Carbon tetrachloride	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Chloroform	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Chloromethane	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Methylene chloride	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Naphthalene	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Tetrahydrofuran	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Toluene	11/16/2015	11/23/2015	7	14	OK
Trip Blank	Xylenes, Total	11/16/2015	11/23/2015	7	14	OK
Trip Blank	2-Butanone	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Acetone	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Benzene	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Carbon tetrachloride	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Chloroform	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Chloromethane	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Methylene chloride	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Naphthalene	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Tetrahydrofuran	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Toluene	12/9/2015	12/14/2015	5	14	OK
Trip Blank	Xylenes, Total	12/9/2015	12/14/2015	5	14	OK
MW-01	2-Butanone	11/11/2015	11/13/2015	2	14	OK
MW-01	Acetone	11/11/2015	11/13/2015	2	14	OK
MW-01	Ammonia (as N)	11/11/2015	11/18/2015	7	28	OK
MW-01	Arsenic	11/11/2015	11/17/2015	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-01	Benzene	11/11/2015	11/13/2015	2	14	OK
MW-01	Beryllium	11/11/2015	11/17/2015	6	180	OK
MW-01	Bicarbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-01	Cadmium	11/11/2015	11/17/2015	6	180	OK
MW-01	Calcium	11/11/2015	11/25/2015	14	180	OK
MW-01	Carbon tetrachloride	11/11/2015	11/13/2015	2	14	OK
MW-01	Carbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-01	Chloride	11/11/2015	11/24/2015	13	28	OK
MW-01	Chloroform	11/11/2015	11/13/2015	2	14	OK
MW-01	Chloromethane	11/11/2015	11/13/2015	2	14	OK
MW-01	Chromium	11/11/2015	11/17/2015	6	180	OK
MW-01	Cobalt	11/11/2015	11/17/2015	6	180	OK
MW-01	Copper	11/11/2015	11/17/2015	6	180	OK
MW-01	Fluoride	11/11/2015	11/24/2015	13	28	OK
MW-01	Gross Radium Alpha	11/11/2015	12/3/2015	22	180	OK
MW-01	Iron	11/11/2015	11/17/2015	6	180	OK
MW-01	Lead	11/11/2015	11/17/2015	6	180	OK
MW-01	Magnesium	11/11/2015	11/25/2015	14	180	OK
MW-01	Manganese	11/11/2015	11/17/2015	6	180	OK
MW-01	Mercury	11/11/2015	11/16/2015	5	180	OK
MW-01	Methylene chloride	11/11/2015	11/13/2015	2	14	OK
MW-01	Molybdenum	11/11/2015	11/17/2015	6	180	OK
MW-01	Naphthalene	11/11/2015	11/13/2015	2	14	OK
MW-01	Nickel	11/11/2015	11/17/2015	6	180	OK
MW-01	Nitrate/Nitrite (as N)	11/11/2015	11/14/2015	3	28	OK
MW-01	Potassium	11/11/2015	11/25/2015	14	180	OK
MW-01	Selenium	11/11/2015	11/17/2015	6	180	OK
MW-01	Silver	11/11/2015	11/17/2015	6	180	OK
MW-01	Sodium	11/11/2015	11/25/2015	14	180	OK
MW-01	Sulfate	11/11/2015	11/23/2015	12	28	OK
MW-01	Tetrahydrofuran	11/11/2015	11/13/2015	2	14	OK
MW-01	Thallium	11/11/2015	11/17/2015	6	180	OK
MW-01	Tin	11/11/2015	11/17/2015	6	180	OK
MW-01	Toluene	11/11/2015	11/13/2015	2	14	OK
MW-01	Total Dissolved Solids	11/11/2015	11/13/2015	2	7	OK
MW-01	Uranium	11/11/2015	11/17/2015	6	180	OK
MW-01	Vanadium	11/11/2015	11/25/2015	14	180	OK
MW-01	Xylenes, Total	11/11/2015	11/13/2015	2	14	OK
MW-01	Zinc	11/11/2015	11/17/2015	6	180	OK
MW-02	2-Butanone	11/16/2015	11/23/2015	7	14	OK
MW-02	Acetone	11/16/2015	11/23/2015	7	14	OK
MW-02	Ammonia (as N)	11/16/2015	12/10/2015	24	28	OK
MW-02	Arsenic	11/16/2015	11/23/2015	7	180	OK
MW-02	Benzene	11/16/2015	11/23/2015	7	14	OK
MW-02	Beryllium	11/16/2015	11/23/2015	7	180	OK
MW-02	Bicarbonate (as CaCO3)	11/16/2015	11/23/2015	7	14	OK
MW-02	Cadmium	11/16/2015	11/23/2015	7	180	OK
MW-02	Calcium	11/16/2015	12/2/2015	16	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-02	Carbon tetrachloride	11/16/2015	11/23/2015	7	14	OK
MW-02	Carbonate (as CaCO3)	11/16/2015	11/23/2015	7	14	OK
MW-02	Chloride	11/16/2015	12/2/2015	16	28	OK
MW-02	Chloroform	11/16/2015	11/23/2015	7	14	OK
MW-02	Chloromethane	11/16/2015	11/23/2015	7	14	OK
MW-02	Chromium	11/16/2015	11/23/2015	7	180	OK
MW-02	Cobalt	11/16/2015	11/23/2015	7	180	OK
MW-02	Copper	11/16/2015	11/23/2015	7	180	OK
MW-02	Fluoride	11/16/2015	12/2/2015	16	28	OK
MW-02	Gross Radium Alpha	11/16/2015	12/14/2015	28	180	OK
MW-02	Iron	11/16/2015	11/23/2015	7	180	OK
MW-02	Lead	11/16/2015	11/23/2015	7	180	OK
MW-02	Magnesium	11/16/2015	12/2/2015	16	180	OK
MW-02	Manganese	11/16/2015	11/23/2015	7	180	OK
MW-02	Mercury	11/16/2015	12/4/2015	18	180	OK
MW-02	Methylene chloride	11/16/2015	11/23/2015	7	14	OK
MW-02	Molybdenum	11/16/2015	11/23/2015	7	180	OK
MW-02	Naphthalene	11/16/2015	11/23/2015	7	14	OK
MW-02	Nickel	11/16/2015	11/23/2015	7	180	OK
MW-02	Nitrate/Nitrite (as N)	11/16/2015	11/30/2015	14	28	OK
MW-02	Potassium	11/16/2015	12/2/2015	16	180	OK
MW-02	Selenium	11/16/2015	11/23/2015	7	180	OK
MW-02	Silver	11/16/2015	11/23/2015	7	180	OK
MW-02	Sodium	11/16/2015	12/2/2015	16	180	OK
MW-02	Sulfate	11/16/2015	12/2/2015	16	28	OK
MW-02	Tetrahydrofuran	11/16/2015	11/23/2015	7	14	OK
MW-02	Thallium	11/16/2015	11/23/2015	7	180	OK
MW-02	Tin	11/16/2015	11/24/2015	8	180	OK
MW-02	Toluene	11/16/2015	11/23/2015	7	14	OK
MW-02	Total Dissolved Solids	11/16/2015	11/20/2015	4	7	OK
MW-02	Uranium	11/16/2015	11/23/2015	7	180	OK
MW-02	Vanadium	11/16/2015	12/2/2015	16	180	OK
MW-02	Xylenes, Total	11/16/2015	11/23/2015	7	14	OK
MW-02	Zinc	11/16/2015	11/24/2015	8	180	OK
MW-03	2-Butanone	11/3/2015	11/5/2015	2	14	OK
MW-03	Acetone	11/3/2015	11/5/2015	2	14	OK
MW-03	Ammonia (as N)	11/3/2015	11/12/2015	9	28	OK
MW-03	Arsenic	11/3/2015	11/16/2015	13	180	OK
MW-03	Benzene	11/3/2015	11/5/2015	2	14	OK
MW-03	Beryllium	11/3/2015	11/16/2015	13	180	OK
MW-03	Bicarbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-03	Cadmium	11/3/2015	11/16/2015	13	180	OK
MW-03	Calcium	11/3/2015	11/17/2015	14	180	OK
MW-03	Carbon tetrachloride	11/3/2015	11/5/2015	2	14	OK
MW-03	Carbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-03	Chloride	11/3/2015	11/5/2015	2	28	OK
MW-03	Chloroform	11/3/2015	11/5/2015	2	14	OK
MW-03	Chloromethane	11/3/2015	11/5/2015	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-03	Chromium	11/3/2015	11/16/2015	13	180	OK
MW-03	Cobalt	11/3/2015	11/16/2015	13	180	OK
MW-03	Copper	11/3/2015	11/16/2015	13	180	OK
MW-03	Fluoride	11/3/2015	11/6/2015	3	28	OK
MW-03	Iron	11/3/2015	11/16/2015	13	180	OK
MW-03	Lead	11/3/2015	11/16/2015	13	180	OK
MW-03	Magnesium	11/3/2015	11/17/2015	14	180	OK
MW-03	Manganese	11/3/2015	11/16/2015	13	180	OK
MW-03	Mercury	11/3/2015	11/11/2015	8	180	OK
MW-03	Methylene chloride	11/3/2015	11/5/2015	2	14	OK
MW-03	Molybdenum	11/3/2015	11/16/2015	13	180	OK
MW-03	Naphthalene	11/3/2015	11/5/2015	2	14	OK
MW-03	Nickel	11/3/2015	11/16/2015	13	180	OK
MW-03	Nitrate/Nitrite (as N)	11/3/2015	11/7/2015	4	28	OK
MW-03	Potassium	11/3/2015	11/17/2015	14	180	OK
MW-03	Selenium	11/3/2015	11/16/2015	13	180	OK
MW-03	Silver	11/3/2015	11/16/2015	13	180	OK
MW-03	Sodium	11/3/2015	11/17/2015	14	180	OK
MW-03	Sulfate	11/3/2015	11/5/2015	2	28	OK
MW-03	Tetrahydrofuran	11/3/2015	11/5/2015	2	14	OK
MW-03	Thallium	11/3/2015	11/16/2015	13	180	OK
MW-03	Tin	11/3/2015	11/16/2015	13	180	OK
MW-03	Toluene	11/3/2015	11/5/2015	2	14	OK
MW-03	Total Dissolved Solids	11/3/2015	11/6/2015	3	7	OK
MW-03	Uranium	11/3/2015	11/16/2015	13	180	OK
MW-03	Vanadium	11/3/2015	11/17/2015	14	180	OK
MW-03	Xylenes, Total	11/3/2015	11/5/2015	2	14	OK
MW-03	Zinc	11/3/2015	11/16/2015	13	180	OK
MW-03A	2-Butanone	11/4/2015	11/5/2015	1	14	OK
MW-03A	Acetone	11/4/2015	11/5/2015	1	14	OK
MW-03A	Ammonia (as N)	11/4/2015	11/12/2015	8	28	OK
MW-03A	Arsenic	11/4/2015	11/16/2015	12	180	OK
MW-03A	Benzene	11/4/2015	11/5/2015	1	14	OK
MW-03A	Beryllium	11/4/2015	11/16/2015	12	180	OK
MW-03A	Bicarbonate (as CaCO3)	11/4/2015	11/6/2015	2	14	OK
MW-03A	Cadmium	11/4/2015	11/16/2015	12	180	OK
MW-03A	Calcium	11/4/2015	11/17/2015	13	180	OK
MW-03A	Carbon tetrachloride	11/4/2015	11/5/2015	1	14	OK
MW-03A	Carbonate (as CaCO3)	11/4/2015	11/6/2015	2	14	OK
MW-03A	Chloride	11/4/2015	11/5/2015	1	28	OK
MW-03A	Chloroform	11/4/2015	11/5/2015	1	14	OK
MW-03A	Chloromethane	11/4/2015	11/5/2015	1	14	OK
MW-03A	Chromium	11/4/2015	11/16/2015	12	180	OK
MW-03A	Cobalt	11/4/2015	11/16/2015	12	180	OK
MW-03A	Copper	11/4/2015	11/16/2015	12	180	OK
MW-03A	Fluoride	11/4/2015	11/6/2015	2	28	OK
MW-03A	Iron	11/4/2015	11/16/2015	12	180	OK
MW-03A	Lead	11/4/2015	11/16/2015	12	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-03A	Magnesium	11/4/2015	11/17/2015	13	180	OK
MW-03A	Manganese	11/4/2015	11/16/2015	12	180	OK
MW-03A	Mercury	11/4/2015	11/11/2015	7	180	OK
MW-03A	Methylene chloride	11/4/2015	11/5/2015	1	14	OK
MW-03A	Molybdenum	11/4/2015	11/16/2015	12	180	OK
MW-03A	Naphthalene	11/4/2015	11/5/2015	1	14	OK
MW-03A	Nickel	11/4/2015	11/16/2015	12	180	OK
MW-03A	Nitrate/Nitrite (as N)	11/4/2015	11/7/2015	3	28	OK
MW-03A	Potassium	11/4/2015	11/17/2015	13	180	OK
MW-03A	Selenium	11/4/2015	11/16/2015	12	180	OK
MW-03A	Silver	11/4/2015	11/16/2015	12	180	OK
MW-03A	Sodium	11/4/2015	11/17/2015	13	180	OK
MW-03A	Sulfate	11/4/2015	11/5/2015	1	28	OK
MW-03A	Tetrahydrofuran	11/4/2015	11/5/2015	1	14	OK
MW-03A	Thallium	11/4/2015	11/16/2015	12	180	OK
MW-03A	Tin	11/4/2015	11/16/2015	12	180	OK
MW-03A	Toluene	11/4/2015	11/5/2015	1	14	OK
MW-03A	Total Dissolved Solids	11/4/2015	11/6/2015	2	7	OK
MW-03A	Uranium	11/4/2015	11/16/2015	12	180	OK
MW-03A	Vanadium	11/4/2015	11/17/2015	13	180	OK
MW-03A	Xylenes, Total	11/4/2015	11/5/2015	1	14	OK
MW-03a	Zinc	11/4/2015	11/16/2015	12	180	OK
MW-05	2-Butanone	11/4/2015	11/5/2015	1	14	OK
MW-05	Acetone	11/4/2015	11/5/2015	1	14	OK
MW-05	Ammonia (as N)	11/4/2015	11/12/2015	8	28	OK
MW-05	Arsenic	11/4/2015	11/16/2015	12	180	OK
MW-05	Benzene	11/4/2015	11/5/2015	1	14	OK
MW-05	Beryllium	11/4/2015	11/16/2015	12	180	OK
MW-05	Bicarbonate (as CaCO3)	11/4/2015	11/6/2015	2	14	OK
MW-05	Cadmium	11/4/2015	11/16/2015	12	180	OK
MW-05	Calcium	11/4/2015	11/17/2015	13	180	OK
MW-05	Carbon tetrachloride	11/4/2015	11/5/2015	1	14	OK
MW-05	Carbonate (as CaCO3)	11/4/2015	11/6/2015	2	14	OK
MW-05	Chloride	11/4/2015	11/5/2015	1	28	OK
MW-05	Chloroform	11/4/2015	11/5/2015	1	14	OK
MW-05	Chloromethane	11/4/2015	11/5/2015	1	14	OK
MW-05	Chromium	11/4/2015	11/16/2015	12	180	OK
MW-05	Cobalt	11/4/2015	11/16/2015	12	180	OK
MW-05	Copper	11/4/2015	11/16/2015	12	180	OK
MW-05	Fluoride	11/4/2015	11/6/2015	2	28	OK
MW-05	Iron	11/4/2015	11/16/2015	12	180	OK
MW-05	Lead	11/4/2015	11/16/2015	12	180	OK
MW-05	Magnesium	11/4/2015	11/17/2015	13	180	OK
MW-05	Manganese	11/4/2015	11/16/2015	12	180	OK
MW-05	Mercury	11/4/2015	11/11/2015	7	180	OK
MW-05	Methylene chloride	11/4/2015	11/5/2015	1	14	OK
MW-05	Molybdenum	11/4/2015	11/16/2015	12	180	OK
MW-05	Naphthalene	11/4/2015	11/5/2015	1	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-05	Nickel	11/4/2015	11/16/2015	12	180	OK
MW-05	Nitrate/Nitrite (as N)	11/4/2015	11/7/2015	3	28	OK
MW-05	Potassium	11/4/2015	11/17/2015	13	180	OK
MW-05	Selenium	11/4/2015	11/16/2015	12	180	OK
MW-05	Silver	11/4/2015	11/16/2015	12	180	OK
MW-05	Sodium	11/4/2015	11/17/2015	13	180	OK
MW-05	Sulfate	11/4/2015	11/5/2015	1	28	OK
MW-05	Tetrahydrofuran	11/4/2015	11/5/2015	1	14	OK
MW-05	Thallium	11/4/2015	11/16/2015	12	180	OK
MW-05	Tin	11/4/2015	11/16/2015	12	180	OK
MW-05	Toluene	11/4/2015	11/5/2015	1	14	OK
MW-05	Total Dissolved Solids	11/4/2015	11/6/2015	2	7	OK
MW-05	Uranium	11/4/2015	11/16/2015	12	180	OK
MW-05	Vanadium	11/4/2015	11/17/2015	13	180	OK
MW-05	Xylenes, Total	11/4/2015	11/5/2015	1	14	OK
MW-05	Zinc	11/4/2015	11/16/2015	12	180	OK
MW-11	2-Butanone	11/11/2015	11/13/2015	2	14	OK
MW-11	Acetone	11/11/2015	11/13/2015	2	14	OK
MW-11	Ammonia (as N)	11/11/2015	11/18/2015	7	28	OK
MW-11	Arsenic	11/11/2015	11/17/2015	6	180	OK
MW-11	Benzene	11/11/2015	11/13/2015	2	14	OK
MW-11	Beryllium	11/11/2015	11/17/2015	6	180	OK
MW-11	Bicarbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-11	Cadmium	11/11/2015	11/17/2015	6	180	OK
MW-11	Calcium	11/11/2015	11/25/2015	14	180	OK
MW-11	Carbon tetrachloride	11/11/2015	11/13/2015	2	14	OK
MW-11	Carbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-11	Chloride	11/11/2015	11/24/2015	13	28	OK
MW-11	Chloroform	11/11/2015	11/13/2015	2	14	OK
MW-11	Chloromethane	11/11/2015	11/13/2015	2	14	OK
MW-11	Chromium	11/11/2015	11/17/2015	6	180	OK
MW-11	Cobalt	11/11/2015	11/17/2015	6	180	OK
MW-11	Copper	11/11/2015	11/17/2015	6	180	OK
MW-11	Fluoride	11/11/2015	11/24/2015	13	28	OK
MW-11	Gross Radium Alpha	11/11/2015	12/4/2015	23	180	OK
MW-11	Iron	11/11/2015	11/17/2015	6	180	OK
MW-11	Lead	11/11/2015	11/17/2015	6	180	OK
MW-11	Magnesium	11/11/2015	11/25/2015	14	180	OK
MW-11	Manganese	11/11/2015	11/17/2015	6	180	OK
MW-11	Mercury	11/11/2015	11/16/2015	5	180	OK
MW-11	Methylene chloride	11/11/2015	11/13/2015	2	14	OK
MW-11	Molybdenum	11/11/2015	11/17/2015	6	180	OK
MW-11	Naphthalene	11/11/2015	11/13/2015	2	14	OK
MW-11	Nickel	11/11/2015	11/17/2015	6	180	OK
MW-11	Nitrate/Nitrite (as N)	11/11/2015	11/14/2015	3	28	OK
MW-11	Potassium	11/11/2015	11/25/2015	14	180	OK
MW-11	Selenium	11/11/2015	11/17/2015	6	180	OK
MW-11	Silver	11/11/2015	11/17/2015	6	180	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	Sodium	11/11/2015	11/25/2015	14	180	OK
MW-11	Sulfate	11/11/2015	11/23/2015	12	28	OK
MW-11	Tetrahydrofuran	11/11/2015	11/13/2015	2	14	OK
MW-11	Thallium	11/11/2015	11/17/2015	6	180	OK
MW-11	Tin	11/11/2015	11/17/2015	6	180	OK
MW-11	Toluene	11/11/2015	11/13/2015	2	14	OK
MW-11	Total Dissolved Solids	11/11/2015	11/13/2015	2	7	OK
MW-11	Uranium	11/11/2015	11/17/2015	6	180	OK
MW-11	Vanadium	11/11/2015	11/25/2015	14	180	OK
MW-11	Xylenes, Total	11/11/2015	11/13/2015	2	14	OK
MW-11	Zinc	11/11/2015	11/17/2015	6	180	OK
MW-12	2-Butanone	11/17/2015	11/23/2015	6	14	OK
MW-12	Acetone	11/17/2015	11/23/2015	6	14	OK
MW-12	Ammonia (as N)	11/17/2015	11/25/2015	8	28	OK
MW-12	Arsenic	11/17/2015	11/23/2015	6	180	OK
MW-12	Benzene	11/17/2015	11/23/2015	6	14	OK
MW-12	Beryllium	11/17/2015	11/23/2015	6	180	OK
MW-12	Bicarbonate (as CaCO3)	11/17/2015	11/23/2015	6	14	OK
MW-12	Cadmium	11/17/2015	11/23/2015	6	180	OK
MW-12	Calcium	11/17/2015	12/2/2015	15	180	OK
MW-12	Carbon tetrachloride	11/17/2015	11/23/2015	6	14	OK
MW-12	Carbonate (as CaCO3)	11/17/2015	11/23/2015	6	14	OK
MW-12	Chloride	11/17/2015	12/2/2015	15	28	OK
MW-12	Chloroform	11/17/2015	11/23/2015	6	14	OK
MW-12	Chloromethane	11/17/2015	11/23/2015	6	14	OK
MW-12	Chromium	11/17/2015	11/23/2015	6	180	OK
MW-12	Cobalt	11/17/2015	11/23/2015	6	180	OK
MW-12	Copper	11/17/2015	11/23/2015	6	180	OK
MW-12	Fluoride	11/17/2015	12/3/2015	16	28	OK
MW-12	Gross Radium Alpha	11/17/2015	12/14/2015	27	180	OK
MW-12	Iron	11/17/2015	11/23/2015	6	180	OK
MW-12	Lead	11/17/2015	11/23/2015	6	180	OK
MW-12	Magnesium	11/17/2015	12/2/2015	15	180	OK
MW-12	Manganese	11/17/2015	11/23/2015	6	180	OK
MW-12	Mercury	11/17/2015	12/4/2015	17	180	OK
MW-12	Methylene chloride	11/17/2015	11/23/2015	6	14	OK
MW-12	Molybdenum	11/17/2015	11/23/2015	6	180	OK
MW-12	Naphthalene	11/17/2015	11/23/2015	6	14	OK
MW-12	Nickel	11/17/2015	11/23/2015	6	180	OK
MW-12	Nitrate/Nitrite (as N)	11/17/2015	11/30/2015	13	28	OK
MW-12	Potassium	11/17/2015	12/2/2015	15	180	OK
MW-12	Selenium	11/17/2015	11/23/2015	6	180	OK
MW-12	Silver	11/17/2015	11/23/2015	6	180	OK
MW-12	Sodium	11/17/2015	12/2/2015	15	180	OK
MW-12	Sulfate	11/17/2015	12/2/2015	15	28	OK
MW-12	Tetrahydrofuran	11/17/2015	11/23/2015	6	14	OK
MW-12	Thallium	11/17/2015	11/23/2015	6	180	OK
MW-12	Tin	11/17/2015	11/24/2015	7	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-12	Toluene	11/17/2015	11/23/2015	6	14	OK
MW-12	Total Dissolved Solids	11/17/2015	11/20/2015	3	7	OK
MW-12	Uranium	11/17/2015	11/23/2015	6	180	OK
MW-12	Vanadium	11/17/2015	12/2/2015	15	180	OK
MW-12	Xylenes, Total	11/17/2015	11/23/2015	6	14	OK
MW-12	Zinc	11/17/2015	11/24/2015	7	180	OK
MW-14	2-Butanone	11/3/2015	11/5/2015	2	14	OK
MW-14	Acetone	11/3/2015	11/5/2015	2	14	OK
MW-14	Ammonia (as N)	11/3/2015	11/12/2015	9	28	OK
MW-14	Arsenic	11/3/2015	11/16/2015	13	180	OK
MW-14	Benzene	11/3/2015	11/5/2015	2	14	OK
MW-14	Beryllium	11/3/2015	11/16/2015	13	180	OK
MW-14	Bicarbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-14	Cadmium	11/3/2015	11/16/2015	13	180	OK
MW-14	Calcium	11/3/2015	11/17/2015	14	180	OK
MW-14	Carbon tetrachloride	11/3/2015	11/5/2015	2	14	OK
MW-14	Carbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-14	Chloride	11/3/2015	11/5/2015	2	28	OK
MW-14	Chloroform	11/3/2015	11/5/2015	2	14	OK
MW-14	Chloromethane	11/3/2015	11/5/2015	2	14	OK
MW-14	Chromium	11/3/2015	11/16/2015	13	180	OK
MW-14	Cobalt	11/3/2015	11/16/2015	13	180	OK
MW-14	Copper	11/3/2015	11/16/2015	13	180	OK
MW-14	Fluoride	11/3/2015	11/6/2015	3	28	OK
MW-14	Iron	11/3/2015	11/16/2015	13	180	OK
MW-14	Lead	11/3/2015	11/16/2015	13	180	OK
MW-14	Magnesium	11/3/2015	11/17/2015	14	180	OK
MW-14	Manganese	11/3/2015	11/16/2015	13	180	OK
MW-14	Mercury	11/3/2015	11/11/2015	8	180	OK
MW-14	Methylene chloride	11/3/2015	11/5/2015	2	14	OK
MW-14	Molybdenum	11/3/2015	11/16/2015	13	180	OK
MW-14	Naphthalene	11/3/2015	11/5/2015	2	14	OK
MW-14	Nickel	11/3/2015	11/16/2015	13	180	OK
MW-14	Nitrate/Nitrite (as N)	11/3/2015	11/7/2015	4	28	OK
MW-14	Potassium	11/3/2015	11/17/2015	14	180	OK
MW-14	Selenium	11/3/2015	11/16/2015	13	180	OK
MW-14	Silver	11/3/2015	11/16/2015	13	180	OK
MW-14	Sodium	11/3/2015	11/17/2015	14	180	OK
MW-14	Sulfate	11/3/2015	11/5/2015	2	28	OK
MW-14	Tetrahydrofuran	11/3/2015	11/5/2015	2	14	OK
MW-14	Thallium	11/3/2015	11/16/2015	13	180	OK
MW-14	Tin	11/3/2015	11/16/2015	13	180	OK
MW-14	Toluene	11/3/2015	11/5/2015	2	14	OK
MW-14	Total Dissolved Solids	11/3/2015	11/6/2015	3	7	OK
MW-14	Uranium	11/3/2015	11/16/2015	13	180	OK
MW-14	Vanadium	11/3/2015	11/17/2015	14	180	OK
MW-14	Xylenes, Total	11/3/2015	11/5/2015	2	14	OK
MW-14	Zinc	11/3/2015	11/16/2015	13	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-15	2-Butanone	11/16/2015	11/23/2015	7	14	OK
MW-15	Acetone	11/16/2015	11/23/2015	7	14	OK
MW-15	Ammonia (as N)	11/16/2015	11/25/2015	9	28	OK
MW-15	Arsenic	11/16/2015	11/23/2015	7	180	OK
MW-15	Benzene	11/16/2015	11/23/2015	7	14	OK
MW-15	Beryllium	11/16/2015	11/23/2015	7	180	OK
MW-15	Bicarbonate (as CaCO3)	11/16/2015	11/23/2015	7	14	OK
MW-15	Cadmium	11/16/2015	11/23/2015	7	180	OK
MW-15	Calcium	11/16/2015	12/2/2015	16	180	OK
MW-15	Carbon tetrachloride	11/16/2015	11/23/2015	7	14	OK
MW-15	Carbonate (as CaCO3)	11/16/2015	11/23/2015	7	14	OK
MW-15	Chloride	11/16/2015	12/2/2015	16	28	OK
MW-15	Chloroform	11/16/2015	11/23/2015	7	14	OK
MW-15	Chloromethane	11/16/2015	11/23/2015	7	14	OK
MW-15	Chromium	11/16/2015	11/23/2015	7	180	OK
MW-15	Cobalt	11/16/2015	11/23/2015	7	180	OK
MW-15	Copper	11/16/2015	11/23/2015	7	180	OK
MW-15	Fluoride	11/16/2015	12/3/2015	17	28	OK
MW-15	Gross Radium Alpha	11/16/2015	12/14/2015	28	180	OK
MW-15	Iron	11/16/2015	11/23/2015	7	180	OK
MW-15	Lead	11/16/2015	11/23/2015	7	180	OK
MW-15	Magnesium	11/16/2015	12/2/2015	16	180	OK
MW-15	Manganese	11/16/2015	11/23/2015	7	180	OK
MW-15	Mercury	11/16/2015	12/4/2015	18	180	OK
MW-15	Methylene chloride	11/16/2015	11/23/2015	7	14	OK
MW-15	Molybdenum	11/16/2015	11/23/2015	7	180	OK
MW-15	Naphthalene	11/16/2015	11/23/2015	7	14	OK
MW-15	Nickel	11/16/2015	11/23/2015	7	180	OK
MW-15	Nitrate/Nitrite (as N)	11/16/2015	11/30/2015	14	28	OK
MW-15	Potassium	11/16/2015	12/2/2015	16	180	OK
MW-15	Selenium	11/16/2015	11/23/2015	7	180	OK
MW-15	Silver	11/16/2015	11/23/2015	7	180	OK
MW-15	Sodium	11/16/2015	12/2/2015	16	180	OK
MW-15	Sulfate	11/16/2015	12/2/2015	16	28	OK
MW-15	Tetrahydrofuran	11/16/2015	11/23/2015	7	14	OK
MW-15	Thallium	11/16/2015	11/23/2015	7	180	OK
MW-15	Tin	11/16/2015	11/24/2015	8	180	OK
MW-15	Toluene	11/16/2015	11/23/2015	7	14	OK
MW-15	Total Dissolved Solids	11/16/2015	11/20/2015	4	7	OK
MW-15	Uranium	11/16/2015	11/23/2015	7	180	OK
MW-15	Vanadium	11/16/2015	12/2/2015	16	180	OK
MW-15	Xylenes, Total	11/16/2015	11/23/2015	7	14	OK
MW-15	Zinc	11/16/2015	11/24/2015	8	180	OK
MW-17	2-Butanone	11/4/2015	11/5/2015	1	14	OK
MW-17	Acetone	11/4/2015	11/5/2015	1	14	OK
MW-17	Ammonia (as N)	11/4/2015	11/20/2015	16	28	OK
MW-17	Arsenic	11/4/2015	11/16/2015	12	180	OK
MW-17	Benzene	11/4/2015	11/5/2015	1	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-17	Beryllium	11/4/2015	11/16/2015	12	180	OK
MW-17	Bicarbonate (as CaCO3)	11/4/2015	11/6/2015	2	14	OK
MW-17	Cadmium	11/4/2015	11/16/2015	12	180	OK
MW-17	Calcium	11/4/2015	11/17/2015	13	180	OK
MW-17	Carbon tetrachloride	11/4/2015	11/5/2015	1	14	OK
MW-17	Carbonate (as CaCO3)	11/4/2015	11/6/2015	2	14	OK
MW-17	Chloride	11/4/2015	11/5/2015	1	28	OK
MW-17	Chloroform	11/4/2015	11/5/2015	1	14	OK
MW-17	Chloromethane	11/4/2015	11/5/2015	1	14	OK
MW-17	Chromium	11/4/2015	11/16/2015	12	180	OK
MW-17	Cobalt	11/4/2015	11/16/2015	12	180	OK
MW-17	Copper	11/4/2015	11/16/2015	12	180	OK
MW-17	Fluoride	11/4/2015	11/6/2015	2	28	OK
MW-17	Iron	11/4/2015	11/16/2015	12	180	OK
MW-17	Lead	11/4/2015	11/16/2015	12	180	OK
MW-17	Magnesium	11/4/2015	11/17/2015	13	180	OK
MW-17	Manganese	11/4/2015	11/16/2015	12	180	OK
MW-17	Mercury	11/4/2015	11/11/2015	7	180	OK
MW-17	Methylene chloride	11/4/2015	11/5/2015	1	14	OK
MW-17	Molybdenum	11/4/2015	11/16/2015	12	180	OK
MW-17	Naphthalene	11/4/2015	11/5/2015	1	14	OK
MW-17	Nickel	11/4/2015	11/16/2015	12	180	OK
MW-17	Nitrate/Nitrite (as N)	11/4/2015	11/7/2015	3	28	OK
MW-17	Potassium	11/4/2015	11/17/2015	13	180	OK
MW-17	Selenium	11/4/2015	11/16/2015	12	180	OK
MW-17	Silver	11/4/2015	11/16/2015	12	180	OK
MW-17	Sodium	11/4/2015	11/17/2015	13	180	OK
MW-17	Sulfate	11/4/2015	11/5/2015	1	28	OK
MW-17	Tetrahydrofuran	11/4/2015	11/5/2015	1	14	OK
MW-17	Thallium	11/4/2015	11/16/2015	12	180	OK
MW-17	Tin	11/4/2015	11/16/2015	12	180	OK
MW-17	Toluene	11/4/2015	11/5/2015	1	14	OK
MW-17	Total Dissolved Solids	11/4/2015	11/6/2015	2	7	OK
MW-17	Uranium	11/4/2015	11/16/2015	12	180	OK
MW-17	Vanadium	11/4/2015	11/17/2015	13	180	OK
MW-17	Xylenes, Total	11/4/2015	11/5/2015	1	14	OK
MW-17	Zinc	11/4/2015	11/16/2015	12	180	OK
MW-18	2-Butanone	11/9/2015	11/13/2015	4	14	OK
MW-18	Acetone	11/9/2015	11/13/2015	4	14	OK
MW-18	Ammonia (as N)	11/9/2015	11/18/2015	9	28	OK
MW-18	Arsenic	11/9/2015	11/17/2015	8	180	OK
MW-18	Benzene	11/9/2015	11/13/2015	4	14	OK
MW-18	Beryllium	11/9/2015	11/17/2015	8	180	OK
MW-18	Bicarbonate (as CaCO3)	11/9/2015	11/13/2015	4	14	OK
MW-18	Cadmium	11/9/2015	11/17/2015	8	180	OK
MW-18	Calcium	11/9/2015	11/25/2015	16	180	OK
MW-18	Carbon tetrachloride	11/9/2015	11/13/2015	4	14	OK
MW-18	Carbonate (as CaCO3)	11/9/2015	11/13/2015	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-18	Chloride	11/9/2015	11/24/2015	15	28	OK
MW-18	Chloroform	11/9/2015	11/13/2015	4	14	OK
MW-18	Chloromethane	11/9/2015	11/13/2015	4	14	OK
MW-18	Chromium	11/9/2015	11/17/2015	8	180	OK
MW-18	Cobalt	11/9/2015	11/17/2015	8	180	OK
MW-18	Copper	11/9/2015	11/17/2015	8	180	OK
MW-18	Fluoride	11/9/2015	11/24/2015	15	28	OK
MW-18	Gross Radium Alpha	11/9/2015	12/3/2015	24	180	OK
MW-18	Iron	11/9/2015	11/17/2015	8	180	OK
MW-18	Lead	11/9/2015	11/17/2015	8	180	OK
MW-18	Magnesium	11/9/2015	11/25/2015	16	180	OK
MW-18	Manganese	11/9/2015	11/17/2015	8	180	OK
MW-18	Mercury	11/9/2015	11/16/2015	7	180	OK
MW-18	Methylene chloride	11/9/2015	11/13/2015	4	14	OK
MW-18	Molybdenum	11/9/2015	11/17/2015	8	180	OK
MW-18	Naphthalene	11/9/2015	11/13/2015	4	14	OK
MW-18	Nickel	11/9/2015	11/17/2015	8	180	OK
MW-18	Nitrate/Nitrite (as N)	11/9/2015	11/14/2015	5	28	OK
MW-18	Potassium	11/9/2015	11/25/2015	16	180	OK
MW-18	Selenium	11/9/2015	11/17/2015	8	180	OK
MW-18	Silver	11/9/2015	11/17/2015	8	180	OK
MW-18	Sodium	11/9/2015	11/25/2015	16	180	OK
MW-18	Sulfate	11/9/2015	11/23/2015	14	28	OK
MW-18	Tetrahydrofuran	11/9/2015	11/13/2015	4	14	OK
MW-18	Thallium	11/9/2015	11/17/2015	8	180	OK
MW-18	Tin	11/9/2015	11/17/2015	8	180	OK
MW-18	Toluene	11/9/2015	11/13/2015	4	14	OK
MW-18	Total Dissolved Solids	11/9/2015	11/13/2015	4	7	OK
MW-18	Uranium	11/9/2015	11/17/2015	8	180	OK
MW-18	Vanadium	11/9/2015	11/25/2015	16	180	OK
MW-18	Xylenes, Total	11/9/2015	11/13/2015	4	14	OK
MW-18	Zinc	11/9/2015	11/17/2015	8	180	OK
MW-19	2-Butanone	11/10/2015	11/13/2015	3	14	OK
MW-19	Acetone	11/10/2015	11/13/2015	3	14	OK
MW-19	Ammonia (as N)	11/10/2015	11/18/2015	8	28	OK
MW-19	Arsenic	11/10/2015	11/17/2015	7	180	OK
MW-19	Benzene	11/10/2015	11/13/2015	3	14	OK
MW-19	Beryllium	11/10/2015	11/17/2015	7	180	OK
MW-19	Bicarbonate (as CaCO3)	11/10/2015	11/13/2015	3	14	OK
MW-19	Cadmium	11/10/2015	11/17/2015	7	180	OK
MW-19	Calcium	11/10/2015	11/25/2015	15	180	OK
MW-19	Carbon tetrachloride	11/10/2015	11/13/2015	3	14	OK
MW-19	Carbonate (as CaCO3)	11/10/2015	11/13/2015	3	14	OK
MW-19	Chloride	11/10/2015	11/24/2015	14	28	OK
MW-19	Chloroform	11/10/2015	11/13/2015	3	14	OK
MW-19	Chloromethane	11/10/2015	11/13/2015	3	14	OK
MW-19	Chromium	11/10/2015	11/17/2015	7	180	OK
MW-19	Cobalt	11/10/2015	11/17/2015	7	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-19	Copper	11/10/2015	11/17/2015	7	180	OK
MW-19	Fluoride	11/10/2015	11/24/2015	14	28	OK
MW-19	Gross Radium Alpha	11/10/2015	12/3/2015	23	180	OK
MW-19	Iron	11/10/2015	11/17/2015	7	180	OK
MW-19	Lead	11/10/2015	11/17/2015	7	180	OK
MW-19	Magnesium	11/10/2015	11/25/2015	15	180	OK
MW-19	Manganese	11/10/2015	11/17/2015	7	180	OK
MW-19	Mercury	11/10/2015	11/16/2015	6	180	OK
MW-19	Methylene chloride	11/10/2015	11/13/2015	3	14	OK
MW-19	Molybdenum	11/10/2015	11/17/2015	7	180	OK
MW-19	Naphthalene	11/10/2015	11/13/2015	3	14	OK
MW-19	Nickel	11/10/2015	11/17/2015	7	180	OK
MW-19	Nitrate/Nitrite (as N)	11/10/2015	11/14/2015	4	28	OK
MW-19	Potassium	11/10/2015	11/25/2015	15	180	OK
MW-19	Selenium	11/10/2015	11/17/2015	7	180	OK
MW-19	Silver	11/10/2015	11/17/2015	7	180	OK
MW-19	Sodium	11/10/2015	11/25/2015	15	180	OK
MW-19	Sulfate	11/10/2015	11/23/2015	13	28	OK
MW-19	Tetrahydrofuran	11/10/2015	11/13/2015	3	14	OK
MW-19	Thallium	11/10/2015	11/17/2015	7	180	OK
MW-19	Tin	11/10/2015	11/17/2015	7	180	OK
MW-19	Toluene	11/10/2015	11/13/2015	3	14	OK
MW-19	Total Dissolved Solids	11/10/2015	11/13/2015	3	7	OK
MW-19	Uranium	11/10/2015	11/17/2015	7	180	OK
MW-19	Vanadium	11/10/2015	11/25/2015	15	180	OK
MW-19	Xylenes, Total	11/10/2015	11/13/2015	3	14	OK
MW-19	Zinc	11/10/2015	11/17/2015	7	180	OK
MW-20	2-Butanone	12/9/2015	12/14/2015	5	14	OK
MW-20	Acetone	12/9/2015	12/14/2015	5	14	OK
MW-20	Ammonia (as N)	12/9/2015	12/22/2015	13	28	OK
MW-20	Arsenic	12/9/2015	12/15/2015	6	180	OK
MW-20	Benzene	12/9/2015	12/14/2015	5	14	OK
MW-20	Beryllium	12/9/2015	12/15/2015	6	180	OK
MW-20	Bicarbonate (as CaCO3)	12/9/2015	12/14/2015	5	14	OK
MW-20	Cadmium	12/9/2015	12/15/2015	6	180	OK
MW-20	Calcium	12/9/2015	12/15/2015	6	180	OK
MW-20	Carbon tetrachloride	12/9/2015	12/14/2015	5	14	OK
MW-20	Carbonate (as CaCO3)	12/9/2015	12/14/2015	5	14	OK
MW-20	Chloride	12/9/2015	12/15/2015	6	28	OK
MW-20	Chloroform	12/9/2015	12/14/2015	5	14	OK
MW-20	Chloromethane	12/9/2015	12/14/2015	5	14	OK
MW-20	Chromium	12/9/2015	12/15/2015	6	180	OK
MW-20	Cobalt	12/9/2015	12/15/2015	6	180	OK
MW-20	Copper	12/9/2015	12/15/2015	6	180	OK
MW-20	Fluoride	12/9/2015	12/15/2015	6	28	OK
MW-20	Gross Radium Alpha	12/9/2015	1/6/2016	28	180	OK
MW-20	Iron	12/9/2015	12/15/2015	6	180	OK
MW-20	Lead	12/9/2015	12/15/2015	6	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-20	Magnesium	12/9/2015	12/15/2015	6	180	OK
MW-20	Manganese	12/9/2015	12/15/2015	6	180	OK
MW-20	Mercury	12/9/2015	12/21/2015	12	180	OK
MW-20	Methylene chloride	12/9/2015	12/14/2015	5	14	OK
MW-20	Molybdenum	12/9/2015	12/15/2015	6	180	OK
MW-20	Naphthalene	12/9/2015	12/14/2015	5	14	OK
MW-20	Nickel	12/9/2015	12/15/2015	6	180	OK
MW-20	Nitrate/Nitrite (as N)	12/9/2015	12/18/2015	9	28	OK
MW-20	Potassium	12/9/2015	12/15/2015	6	180	OK
MW-20	Selenium	12/9/2015	12/15/2015	6	180	OK
MW-20	Silver	12/9/2015	12/15/2015	6	180	OK
MW-20	Sodium	12/9/2015	12/15/2015	6	180	OK
MW-20	Sulfate	12/9/2015	12/15/2015	6	28	OK
MW-20	Tetrahydrofuran	12/9/2015	12/14/2015	5	14	OK
MW-20	Thallium	12/9/2015	12/15/2015	6	180	OK
MW-20	Tin	12/9/2015	12/15/2015	6	180	OK
MW-20	Toluene	12/9/2015	12/14/2015	5	14	OK
MW-20	Total Dissolved Solids	12/9/2015	12/11/2015	2	7	OK
MW-20	Uranium	12/9/2015	12/15/2015	6	180	OK
MW-20	Vanadium	12/9/2015	12/15/2015	6	180	OK
MW-20	Xylenes, Total	12/9/2015	12/14/2015	5	14	OK
MW-20	Zinc	12/9/2015	12/15/2015	6	180	OK
MW-22	2-Butanone	11/17/2015	11/23/2015	6	14	OK
MW-22	Acetone	11/17/2015	11/23/2015	6	14	OK
MW-22	Ammonia (as N)	11/17/2015	11/25/2015	8	28	OK
MW-22	Arsenic	11/17/2015	11/23/2015	6	180	OK
MW-22	Benzene	11/17/2015	11/23/2015	6	14	OK
MW-22	Beryllium	11/17/2015	11/23/2015	6	180	OK
MW-22	Bicarbonate (as CaCO3)	11/17/2015	11/23/2015	6	14	OK
MW-22	Cadmium	11/17/2015	11/23/2015	6	180	OK
MW-22	Calcium	11/17/2015	12/2/2015	15	180	OK
MW-22	Carbon tetrachloride	11/17/2015	11/23/2015	6	14	OK
MW-22	Carbonate (as CaCO3)	11/17/2015	11/23/2015	6	14	OK
MW-22	Chloride	11/17/2015	12/2/2015	15	28	OK
MW-22	Chloroform	11/17/2015	11/23/2015	6	14	OK
MW-22	Chloromethane	11/17/2015	11/23/2015	6	14	OK
MW-22	Chromium	11/17/2015	11/23/2015	6	180	OK
MW-22	Cobalt	11/17/2015	11/23/2015	6	180	OK
MW-22	Copper	11/17/2015	11/23/2015	6	180	OK
MW-22	Fluoride	11/17/2015	12/2/2015	15	28	OK
MW-22	Gross Radium Alpha	11/17/2015	12/14/2015	27	180	OK
MW-22	Iron	11/17/2015	11/23/2015	6	180	OK
MW-22	Lead	11/17/2015	11/23/2015	6	180	OK
MW-22	Magnesium	11/17/2015	12/2/2015	15	180	OK
MW-22	Manganese	11/17/2015	11/23/2015	6	180	OK
MW-22	Mercury	11/17/2015	12/4/2015	17	180	OK
MW-22	Methylene chloride	11/17/2015	11/23/2015	6	14	OK
MW-22	Molybdenum	11/17/2015	11/23/2015	6	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-22	Naphthalene	11/17/2015	11/23/2015	6	14	OK
MW-22	Nickel	11/17/2015	11/23/2015	6	180	OK
MW-22	Nitrate/Nitrite (as N)	11/17/2015	11/30/2015	13	28	OK
MW-22	Potassium	11/17/2015	12/2/2015	15	180	OK
MW-22	Selenium	11/17/2015	11/23/2015	6	180	OK
MW-22	Silver	11/17/2015	11/23/2015	6	180	OK
MW-22	Sodium	11/17/2015	12/2/2015	15	180	OK
MW-22	Sulfate	11/17/2015	12/2/2015	15	28	OK
MW-22	Tetrahydrofuran	11/17/2015	11/23/2015	6	14	OK
MW-22	Thallium	11/17/2015	11/23/2015	6	180	OK
MW-22	Tin	11/17/2015	11/24/2015	7	180	OK
MW-22	Toluene	11/17/2015	11/23/2015	6	14	OK
MW-22	Total Dissolved Solids	11/17/2015	11/20/2015	3	7	OK
MW-22	Uranium	11/17/2015	11/23/2015	6	180	OK
MW-22	Vanadium	11/17/2015	12/2/2015	15	180	OK
MW-22	Xylenes, Total	11/17/2015	11/23/2015	6	14	OK
MW-22	Zinc	11/17/2015	11/24/2015	7	180	OK
MW-23	2-Butanone	11/18/2015	11/23/2015	5	14	OK
MW-23	Acetone	11/18/2015	11/23/2015	5	14	OK
MW-23	Ammonia (as N)	11/18/2015	11/25/2015	7	28	OK
MW-23	Arsenic	11/18/2015	11/23/2015	5	180	OK
MW-23	Benzene	11/18/2015	11/23/2015	5	14	OK
MW-23	Beryllium	11/18/2015	11/23/2015	5	180	OK
MW-23	Bicarbonate (as CaCO3)	11/18/2015	11/23/2015	5	14	OK
MW-23	Cadmium	11/18/2015	11/23/2015	5	180	OK
MW-23	Calcium	11/18/2015	12/2/2015	14	180	OK
MW-23	Carbon tetrachloride	11/18/2015	11/23/2015	5	14	OK
MW-23	Carbonate (as CaCO3)	11/18/2015	11/23/2015	5	14	OK
MW-23	Chloride	11/18/2015	12/3/2015	15	28	OK
MW-23	Chloroform	11/18/2015	11/23/2015	5	14	OK
MW-23	Chloromethane	11/18/2015	11/23/2015	5	14	OK
MW-23	Chromium	11/18/2015	11/23/2015	5	180	OK
MW-23	Cobalt	11/18/2015	11/23/2015	5	180	OK
MW-23	Copper	11/18/2015	11/23/2015	5	180	OK
MW-23	Fluoride	11/18/2015	12/3/2015	15	28	OK
MW-23	Gross Radium Alpha	11/18/2015	12/15/2015	27	180	OK
MW-23	Iron	11/18/2015	11/23/2015	5	180	OK
MW-23	Lead	11/18/2015	11/23/2015	5	180	OK
MW-23	Magnesium	11/18/2015	12/2/2015	14	180	OK
MW-23	Manganese	11/18/2015	11/23/2015	5	180	OK
MW-23	Mercury	11/18/2015	12/4/2015	16	180	OK
MW-23	Methylene chloride	11/18/2015	11/23/2015	5	14	OK
MW-23	Molybdenum	11/18/2015	11/23/2015	5	180	OK
MW-23	Naphthalene	11/18/2015	11/23/2015	5	14	OK
MW-23	Nickel	11/18/2015	11/23/2015	5	180	OK
MW-23	Nitrate/Nitrite (as N)	11/18/2015	11/30/2015	12	28	OK
MW-23	Potassium	11/18/2015	12/2/2015	14	180	OK
MW-23	Selenium	11/18/2015	11/23/2015	5	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-23	Silver	11/18/2015	11/23/2015	5	180	OK
MW-23	Sodium	11/18/2015	12/2/2015	14	180	OK
MW-23	Sulfate	11/18/2015	12/2/2015	14	28	OK
MW-23	Tetrahydrofuran	11/18/2015	11/23/2015	5	14	OK
MW-23	Thallium	11/18/2015	11/23/2015	5	180	OK
MW-23	Tin	11/18/2015	11/24/2015	6	180	OK
MW-23	Toluene	11/18/2015	11/23/2015	5	14	OK
MW-23	Total Dissolved Solids	11/18/2015	11/20/2015	2	7	OK
MW-23	Uranium	11/18/2015	11/23/2015	5	180	OK
MW-23	Vanadium	11/18/2015	12/2/2015	14	180	OK
MW-23	Xylenes, Total	11/18/2015	11/23/2015	5	14	OK
MW-23	Zinc	11/18/2015	11/24/2015	6	180	OK
MW-24	2-Butanone	11/18/2015	11/23/2015	5	14	OK
MW-24	Acetone	11/18/2015	11/23/2015	5	14	OK
MW-24	Ammonia (as N)	11/18/2015	11/25/2015	7	28	OK
MW-24	Arsenic	11/18/2015	11/23/2015	5	180	OK
MW-24	Benzene	11/18/2015	11/23/2015	5	14	OK
MW-24	Beryllium	11/18/2015	11/23/2015	5	180	OK
MW-24	Bicarbonate (as CaCO3)	11/18/2015	11/23/2015	5	14	OK
MW-24	Cadmium	11/18/2015	11/23/2015	5	180	OK
MW-24	Calcium	11/18/2015	12/2/2015	14	180	OK
MW-24	Carbon tetrachloride	11/18/2015	11/23/2015	5	14	OK
MW-24	Carbonate (as CaCO3)	11/18/2015	11/23/2015	5	14	OK
MW-24	Chloride	11/18/2015	12/2/2015	14	28	OK
MW-24	Chloroform	11/18/2015	11/23/2015	5	14	OK
MW-24	Chloromethane	11/18/2015	11/23/2015	5	14	OK
MW-24	Chromium	11/18/2015	11/23/2015	5	180	OK
MW-24	Cobalt	11/18/2015	11/23/2015	5	180	OK
MW-24	Copper	11/18/2015	11/23/2015	5	180	OK
MW-24	Fluoride	11/18/2015	12/3/2015	15	28	OK
MW-24	Gross Radium Alpha	11/18/2015	12/14/2015	26	180	OK
MW-24	Iron	11/18/2015	11/23/2015	5	180	OK
MW-24	Lead	11/18/2015	11/23/2015	5	180	OK
MW-24	Magnesium	11/18/2015	12/2/2015	14	180	OK
MW-24	Manganese	11/18/2015	11/23/2015	5	180	OK
MW-24	Mercury	11/18/2015	12/4/2015	16	180	OK
MW-24	Methylene chloride	11/18/2015	11/23/2015	5	14	OK
MW-24	Molybdenum	11/18/2015	11/23/2015	5	180	OK
MW-24	Naphthalene	11/18/2015	11/23/2015	5	14	OK
MW-24	Nickel	11/18/2015	11/23/2015	5	180	OK
MW-24	Nitrate/Nitrite (as N)	11/18/2015	11/30/2015	12	28	OK
MW-24	Potassium	11/18/2015	12/2/2015	14	180	OK
MW-24	Selenium	11/18/2015	11/23/2015	5	180	OK
MW-24	Silver	11/18/2015	11/23/2015	5	180	OK
MW-24	Sodium	11/18/2015	12/2/2015	14	180	OK
MW-24	Sulfate	11/18/2015	12/2/2015	14	28	OK
MW-24	Tetrahydrofuran	11/18/2015	11/23/2015	5	14	OK
MW-24	Thallium	11/18/2015	11/23/2015	5	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-24	Tin	11/18/2015	11/24/2015	6	180	OK
MW-24	Toluene	11/18/2015	11/23/2015	5	14	OK
MW-24	Total Dissolved Solids	11/18/2015	11/20/2015	2	7	OK
MW-24	Uranium	11/18/2015	11/23/2015	5	180	OK
MW-24	Vanadium	11/18/2015	12/2/2015	14	180	OK
MW-24	Xylenes, Total	11/18/2015	11/23/2015	5	14	OK
MW-24	Zinc	11/18/2015	11/24/2015	6	180	OK
MW-25	2-Butanone	11/11/2015	11/13/2015	2	14	OK
MW-25	Acetone	11/11/2015	11/13/2015	2	14	OK
MW-25	Ammonia (as N)	11/11/2015	11/18/2015	7	28	OK
MW-25	Arsenic	11/11/2015	11/17/2015	6	180	OK
MW-25	Benzene	11/11/2015	11/13/2015	2	14	OK
MW-25	Beryllium	11/11/2015	11/17/2015	6	180	OK
MW-25	Bicarbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-25	Cadmium	11/11/2015	11/17/2015	6	180	OK
MW-25	Calcium	11/11/2015	11/25/2015	14	180	OK
MW-25	Carbon tetrachloride	11/11/2015	11/13/2015	2	14	OK
MW-25	Carbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-25	Chloride	11/11/2015	11/24/2015	13	28	OK
MW-25	Chloroform	11/11/2015	11/13/2015	2	14	OK
MW-25	Chloromethane	11/11/2015	11/13/2015	2	14	OK
MW-25	Chromium	11/11/2015	11/17/2015	6	180	OK
MW-25	Cobalt	11/11/2015	11/17/2015	6	180	OK
MW-25	Copper	11/11/2015	11/17/2015	6	180	OK
MW-25	Fluoride	11/11/2015	11/24/2015	13	28	OK
MW-25	Gross Radium Alpha	11/11/2015	12/3/2015	22	180	OK
MW-25	Iron	11/11/2015	11/17/2015	6	180	OK
MW-25	Lead	11/11/2015	11/17/2015	6	180	OK
MW-25	Magnesium	11/11/2015	11/25/2015	14	180	OK
MW-25	Manganese	11/11/2015	11/17/2015	6	180	OK
MW-25	Mercury	11/11/2015	11/16/2015	5	180	OK
MW-25	Methylene chloride	11/11/2015	11/13/2015	2	14	OK
MW-25	Molybdenum	11/11/2015	11/17/2015	6	180	OK
MW-25	Naphthalene	11/11/2015	11/13/2015	2	14	OK
MW-25	Nickel	11/11/2015	11/17/2015	6	180	OK
MW-25	Nitrate/Nitrite (as N)	11/11/2015	11/14/2015	3	28	OK
MW-25	Potassium	11/11/2015	11/25/2015	14	180	OK
MW-25	Selenium	11/11/2015	11/17/2015	6	180	OK
MW-25	Silver	11/11/2015	11/17/2015	6	180	OK
MW-25	Sodium	11/11/2015	11/25/2015	14	180	OK
MW-25	Sulfate	11/11/2015	11/23/2015	12	28	OK
MW-25	Tetrahydrofuran	11/11/2015	11/13/2015	2	14	OK
MW-25	Thallium	11/11/2015	11/17/2015	6	180	OK
MW-25	Tin	11/11/2015	11/17/2015	6	180	OK
MW-25	Toluene	11/11/2015	11/13/2015	2	14	OK
MW-25	Total Dissolved Solids	11/11/2015	11/13/2015	2	7	OK
MW-25	Uranium	11/11/2015	11/17/2015	6	180	OK
MW-25	Vanadium	11/11/2015	11/25/2015	14	180	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	11/11/2015	11/13/2015	2	14	OK
MW-25	Zinc	11/11/2015	11/17/2015	6	180	OK
MW-26	2-Butanone	11/11/2015	11/13/2015	2	14	OK
MW-26	Acetone	11/11/2015	11/13/2015	2	14	OK
MW-26	Ammonia (as N)	11/11/2015	11/18/2015	7	28	OK
MW-26	Arsenic	11/11/2015	11/17/2015	6	180	OK
MW-26	Benzene	11/11/2015	11/13/2015	2	14	OK
MW-26	Beryllium	11/11/2015	11/17/2015	6	180	OK
MW-26	Bicarbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-26	Cadmium	11/11/2015	11/17/2015	6	180	OK
MW-26	Calcium	11/11/2015	11/25/2015	14	180	OK
MW-26	Carbon tetrachloride	11/11/2015	11/13/2015	2	14	OK
MW-26	Carbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-26	Chloride	11/11/2015	11/24/2015	13	28	OK
MW-26	Chloroform	11/11/2015	11/13/2015	2	14	OK
MW-26	Chloromethane	11/11/2015	11/13/2015	2	14	OK
MW-26	Chromium	11/11/2015	11/17/2015	6	180	OK
MW-26	Cobalt	11/11/2015	11/17/2015	6	180	OK
MW-26	Copper	11/11/2015	11/17/2015	6	180	OK
MW-26	Fluoride	11/11/2015	11/24/2015	13	28	OK
MW-26	Gross Radium Alpha	11/11/2015	12/3/2015	22	180	OK
MW-26	Iron	11/11/2015	11/17/2015	6	180	OK
MW-26	Lead	11/11/2015	11/17/2015	6	180	OK
MW-26	Magnesium	11/11/2015	11/25/2015	14	180	OK
MW-26	Manganese	11/11/2015	11/17/2015	6	180	OK
MW-26	Mercury	11/11/2015	11/16/2015	5	180	OK
MW-26	Methylene chloride	11/11/2015	11/13/2015	2	14	OK
MW-26	Molybdenum	11/11/2015	11/17/2015	6	180	OK
MW-26	Naphthalene	11/11/2015	11/13/2015	2	14	OK
MW-26	Nickel	11/11/2015	11/17/2015	6	180	OK
MW-26	Nitrate/Nitrite (as N)	11/11/2015	11/14/2015	3	28	OK
MW-26	Potassium	11/11/2015	11/25/2015	14	180	OK
MW-26	Selenium	11/11/2015	11/17/2015	6	180	OK
MW-26	Silver	11/11/2015	11/17/2015	6	180	OK
MW-26	Sodium	11/11/2015	11/25/2015	14	180	OK
MW-26	Sulfate	11/11/2015	11/23/2015	12	28	OK
MW-26	Tetrahydrofuran	11/11/2015	11/13/2015	2	14	OK
MW-26	Thallium	11/11/2015	11/17/2015	6	180	OK
MW-26	Tin	11/11/2015	11/17/2015	6	180	OK
MW-26	Toluene	11/11/2015	11/13/2015	2	14	OK
MW-26	Total Dissolved Solids	11/11/2015	11/13/2015	2	7	OK
MW-26	Uranium	11/11/2015	11/17/2015	6	180	OK
MW-26	Vanadium	11/11/2015	11/25/2015	14	180	OK
MW-26	Xylenes, Total	11/11/2015	11/13/2015	2	14	OK
MW-26	Zinc	11/11/2015	11/17/2015	6	180	OK
MW-27	2-Butanone	11/10/2015	11/13/2015	3	14	OK
MW-27	Acetone	11/10/2015	11/13/2015	3	14	OK
MW-27	Ammonia (as N)	11/10/2015	11/18/2015	8	28	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-27	Arsenic	11/10/2015	11/17/2015	7	180	OK
MW-27	Benzene	11/10/2015	11/13/2015	3	14	OK
MW-27	Beryllium	11/10/2015	11/17/2015	7	180	OK
MW-27	Bicarbonate (as CaCO3)	11/10/2015	11/13/2015	3	14	OK
MW-27	Cadmium	11/10/2015	11/17/2015	7	180	OK
MW-27	Calcium	11/10/2015	11/25/2015	15	180	OK
MW-27	Carbon tetrachloride	11/10/2015	11/13/2015	3	14	OK
MW-27	Carbonate (as CaCO3)	11/10/2015	11/13/2015	3	14	OK
MW-27	Chloride	11/10/2015	11/24/2015	14	28	OK
MW-27	Chloroform	11/10/2015	11/13/2015	3	14	OK
MW-27	Chloromethane	11/10/2015	11/13/2015	3	14	OK
MW-27	Chromium	11/10/2015	11/17/2015	7	180	OK
MW-27	Cobalt	11/10/2015	11/17/2015	7	180	OK
MW-27	Copper	11/10/2015	11/17/2015	7	180	OK
MW-27	Fluoride	11/10/2015	11/24/2015	14	28	OK
MW-27	Gross Radium Alpha	11/10/2015	12/3/2015	23	180	OK
MW-27	Iron	11/10/2015	11/17/2015	7	180	OK
MW-27	Lead	11/10/2015	11/17/2015	7	180	OK
MW-27	Magnesium	11/10/2015	11/25/2015	15	180	OK
MW-27	Manganese	11/10/2015	11/17/2015	7	180	OK
MW-27	Mercury	11/10/2015	11/16/2015	6	180	OK
MW-27	Methylene chloride	11/10/2015	11/13/2015	3	14	OK
MW-27	Molybdenum	11/10/2015	11/17/2015	7	180	OK
MW-27	Naphthalene	11/10/2015	11/13/2015	3	14	OK
MW-27	Nickel	11/10/2015	11/17/2015	7	180	OK
MW-27	Nitrate/Nitrite (as N)	11/10/2015	11/14/2015	4	28	OK
MW-27	Potassium	11/10/2015	11/25/2015	15	180	OK
MW-27	Selenium	11/10/2015	11/17/2015	7	180	OK
MW-27	Silver	11/10/2015	11/17/2015	7	180	OK
MW-27	Sodium	11/10/2015	11/25/2015	15	180	OK
MW-27	Sulfate	11/10/2015	11/23/2015	13	28	OK
MW-27	Tetrahydrofuran	11/10/2015	11/13/2015	3	14	OK
MW-27	Thallium	11/10/2015	11/17/2015	7	180	OK
MW-27	Tin	11/10/2015	11/17/2015	7	180	OK
MW-27	Toluene	11/10/2015	11/13/2015	3	14	OK
MW-27	Total Dissolved Solids	11/10/2015	11/13/2015	3	7	OK
MW-27	Uranium	11/10/2015	11/17/2015	7	180	OK
MW-27	Vanadium	11/10/2015	11/25/2015	15	180	OK
MW-27	Xylenes, Total	11/10/2015	11/13/2015	3	14	OK
MW-27	Zinc	11/10/2015	11/17/2015	7	180	OK
MW-28	2-Butanone	11/10/2015	11/13/2015	3	14	OK
MW-28	Acetone	11/10/2015	11/13/2015	3	14	OK
MW-28	Ammonia (as N)	11/10/2015	11/18/2015	8	28	OK
MW-28	Arsenic	11/10/2015	11/17/2015	7	180	OK
MW-28	Benzene	11/10/2015	11/13/2015	3	14	OK
MW-28	Beryllium	11/10/2015	11/17/2015	7	180	OK
MW-28	Bicarbonate (as CaCO3)	11/10/2015	11/13/2015	3	14	OK
MW-28	Cadmium	11/10/2015	11/17/2015	7	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-28	Calcium	11/10/2015	11/25/2015	15	180	OK
MW-28	Carbon tetrachloride	11/10/2015	11/13/2015	3	14	OK
MW-28	Carbonate (as CaCO3)	11/10/2015	11/13/2015	3	14	OK
MW-28	Chloride	11/10/2015	11/23/2015	13	28	OK
MW-28	Chloroform	11/10/2015	11/13/2015	3	14	OK
MW-28	Chloromethane	11/10/2015	11/13/2015	3	14	OK
MW-28	Chromium	11/10/2015	11/17/2015	7	180	OK
MW-28	Cobalt	11/10/2015	11/17/2015	7	180	OK
MW-28	Copper	11/10/2015	11/17/2015	7	180	OK
MW-28	Fluoride	11/10/2015	11/24/2015	14	28	OK
MW-28	Gross Radium Alpha	11/10/2015	12/3/2015	23	180	OK
MW-28	Iron	11/10/2015	11/17/2015	7	180	OK
MW-28	Lead	11/10/2015	11/17/2015	7	180	OK
MW-28	Magnesium	11/10/2015	11/25/2015	15	180	OK
MW-28	Manganese	11/10/2015	11/17/2015	7	180	OK
MW-28	Mercury	11/10/2015	11/16/2015	6	180	OK
MW-28	Methylene chloride	11/10/2015	11/13/2015	3	14	OK
MW-28	Molybdenum	11/10/2015	11/17/2015	7	180	OK
MW-28	Naphthalene	11/10/2015	11/13/2015	3	14	OK
MW-28	Nickel	11/10/2015	11/17/2015	7	180	OK
MW-28	Nitrate/Nitrite (as N)	11/10/2015	11/14/2015	4	28	OK
MW-28	Potassium	11/10/2015	11/25/2015	15	180	OK
MW-28	Selenium	11/10/2015	11/17/2015	7	180	OK
MW-28	Silver	11/10/2015	11/17/2015	7	180	OK
MW-28	Sodium	11/10/2015	11/25/2015	15	180	OK
MW-28	Sulfate	11/10/2015	11/23/2015	13	28	OK
MW-28	Tetrahydrofuran	11/10/2015	11/13/2015	3	14	OK
MW-28	Thallium	11/10/2015	11/17/2015	7	180	OK
MW-28	Tin	11/10/2015	11/17/2015	7	180	OK
MW-28	Toluene	11/10/2015	11/13/2015	3	14	OK
MW-28	Total Dissolved Solids	11/10/2015	11/13/2015	3	7	OK
MW-28	Uranium	11/10/2015	11/17/2015	7	180	OK
MW-28	Vanadium	11/10/2015	11/25/2015	15	180	OK
MW-28	Xylenes, Total	11/10/2015	11/13/2015	3	14	OK
MW-28	Zinc	11/10/2015	11/17/2015	7	180	OK
MW-29	2-Butanone	11/16/2015	11/23/2015	7	14	OK
MW-29	Acetone	11/16/2015	11/23/2015	7	14	OK
MW-29	Ammonia (as N)	11/16/2015	11/25/2015	9	28	OK
MW-29	Arsenic	11/16/2015	11/23/2015	7	180	OK
MW-29	Benzene	11/16/2015	11/23/2015	7	14	OK
MW-29	Beryllium	11/16/2015	11/23/2015	7	180	OK
MW-29	Bicarbonate (as CaCO3)	11/16/2015	11/23/2015	7	14	OK
MW-29	Cadmium	11/16/2015	11/23/2015	7	180	OK
MW-29	Calcium	11/16/2015	12/2/2015	16	180	OK
MW-29	Carbon tetrachloride	11/16/2015	11/23/2015	7	14	OK
MW-29	Carbonate (as CaCO3)	11/16/2015	11/23/2015	7	14	OK
MW-29	Chloride	11/16/2015	12/2/2015	16	28	OK
MW-29	Chloroform	11/16/2015	11/23/2015	7	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-29	Chloromethane	11/16/2015	11/23/2015	7	14	OK
MW-29	Chromium	11/16/2015	11/23/2015	7	180	OK
MW-29	Cobalt	11/16/2015	11/23/2015	7	180	OK
MW-29	Copper	11/16/2015	11/23/2015	7	180	OK
MW-29	Fluoride	11/16/2015	12/3/2015	17	28	OK
MW-29	Gross Radium Alpha	11/16/2015	12/14/2015	28	180	OK
MW-29	Iron	11/16/2015	11/23/2015	7	180	OK
MW-29	Lead	11/16/2015	11/23/2015	7	180	OK
MW-29	Magnesium	11/16/2015	12/2/2015	16	180	OK
MW-29	Manganese	11/16/2015	11/23/2015	7	180	OK
MW-29	Mercury	11/16/2015	12/4/2015	18	180	OK
MW-29	Methylene chloride	11/16/2015	11/23/2015	7	14	OK
MW-29	Molybdenum	11/16/2015	11/23/2015	7	180	OK
MW-29	Naphthalene	11/16/2015	11/23/2015	7	14	OK
MW-29	Nickel	11/16/2015	11/23/2015	7	180	OK
MW-29	Nitrate/Nitrite (as N)	11/16/2015	11/30/2015	14	28	OK
MW-29	Potassium	11/16/2015	12/2/2015	16	180	OK
MW-29	Selenium	11/16/2015	11/23/2015	7	180	OK
MW-29	Silver	11/16/2015	11/23/2015	7	180	OK
MW-29	Sodium	11/16/2015	12/2/2015	16	180	OK
MW-29	Sulfate	11/16/2015	12/2/2015	16	28	OK
MW-29	Tetrahydrofuran	11/16/2015	11/23/2015	7	14	OK
MW-29	Thallium	11/16/2015	11/23/2015	7	180	OK
MW-29	Tin	11/16/2015	11/24/2015	8	180	OK
MW-29	Toluene	11/16/2015	11/23/2015	7	14	OK
MW-29	Total Dissolved Solids	11/16/2015	11/20/2015	4	7	OK
MW-29	Uranium	11/16/2015	11/23/2015	7	180	OK
MW-29	Vanadium	11/16/2015	12/2/2015	16	180	OK
MW-29	Xylenes, Total	11/16/2015	11/23/2015	7	14	OK
MW-29	Zinc	11/16/2015	11/24/2015	8	180	OK
MW-30	2-Butanone	11/11/2015	11/13/2015	2	14	OK
MW-30	Acetone	11/11/2015	11/13/2015	2	14	OK
MW-30	Ammonia (as N)	11/11/2015	11/18/2015	7	28	OK
MW-30	Arsenic	11/11/2015	11/17/2015	6	180	OK
MW-30	Benzene	11/11/2015	11/13/2015	2	14	OK
MW-30	Beryllium	11/11/2015	11/17/2015	6	180	OK
MW-30	Bicarbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-30	Cadmium	11/11/2015	11/17/2015	6	180	OK
MW-30	Calcium	11/11/2015	11/25/2015	14	180	OK
MW-30	Carbon tetrachloride	11/11/2015	11/13/2015	2	14	OK
MW-30	Carbonate (as CaCO3)	11/11/2015	11/13/2015	2	14	OK
MW-30	Chloride	11/11/2015	11/23/2015	12	28	OK
MW-30	Chloroform	11/11/2015	11/13/2015	2	14	OK
MW-30	Chloromethane	11/11/2015	11/13/2015	2	14	OK
MW-30	Chromium	11/11/2015	11/17/2015	6	180	OK
MW-30	Cobalt	11/11/2015	11/17/2015	6	180	OK
MW-30	Copper	11/11/2015	11/17/2015	6	180	OK
MW-30	Fluoride	11/11/2015	11/24/2015	13	28	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	Gross Radium Alpha	11/11/2015	12/4/2015	23	180	OK
MW-30	Iron	11/11/2015	11/17/2015	6	180	OK
MW-30	Lead	11/11/2015	11/17/2015	6	180	OK
MW-30	Magnesium	11/11/2015	11/25/2015	14	180	OK
MW-30	Manganese	11/11/2015	11/17/2015	6	180	OK
MW-30	Mercury	11/11/2015	11/16/2015	5	180	OK
MW-30	Methylene chloride	11/11/2015	11/13/2015	2	14	OK
MW-30	Molybdenum	11/11/2015	11/17/2015	6	180	OK
MW-30	Naphthalene	11/11/2015	11/13/2015	2	14	OK
MW-30	Nickel	11/11/2015	11/17/2015	6	180	OK
MW-30	Nitrate/Nitrite (as N)	11/11/2015	11/14/2015	3	28	OK
MW-30	Potassium	11/11/2015	11/25/2015	14	180	OK
MW-30	Selenium	11/11/2015	11/17/2015	6	180	OK
MW-30	Silver	11/11/2015	11/17/2015	6	180	OK
MW-30	Sodium	11/11/2015	11/25/2015	14	180	OK
MW-30	Sulfate	11/11/2015	11/23/2015	12	28	OK
MW-30	Tetrahydrofuran	11/11/2015	11/13/2015	2	14	OK
MW-30	Thallium	11/11/2015	11/17/2015	6	180	OK
MW-30	Tin	11/11/2015	11/17/2015	6	180	OK
MW-30	Toluene	11/11/2015	11/13/2015	2	14	OK
MW-30	Total Dissolved Solids	11/11/2015	11/13/2015	2	7	OK
MW-30	Uranium	11/11/2015	11/17/2015	6	180	OK
MW-30	Vanadium	11/11/2015	11/25/2015	14	180	OK
MW-30	Xylenes, Total	11/11/2015	11/13/2015	2	14	OK
MW-30	Zinc	11/11/2015	11/17/2015	6	180	OK
MW-31	2-Butanone	11/9/2015	11/13/2015	4	14	OK
MW-31	Acetone	11/9/2015	11/13/2015	4	14	OK
MW-31	Ammonia (as N)	11/9/2015	11/18/2015	9	28	OK
MW-31	Arsenic	11/9/2015	11/17/2015	8	180	OK
MW-31	Benzene	11/9/2015	11/13/2015	4	14	OK
MW-31	Beryllium	11/9/2015	11/17/2015	8	180	OK
MW-31	Bicarbonate (as CaCO3)	11/9/2015	11/13/2015	4	14	OK
MW-31	Cadmium	11/9/2015	11/17/2015	8	180	OK
MW-31	Calcium	11/9/2015	11/25/2015	16	180	OK
MW-31	Carbon tetrachloride	11/9/2015	11/13/2015	4	14	OK
MW-31	Carbonate (as CaCO3)	11/9/2015	11/13/2015	4	14	OK
MW-31	Chloride	11/9/2015	11/23/2015	14	28	OK
MW-31	Chloroform	11/9/2015	11/13/2015	4	14	OK
MW-31	Chloromethane	11/9/2015	11/13/2015	4	14	OK
MW-31	Chromium	11/9/2015	11/17/2015	8	180	OK
MW-31	Cobalt	11/9/2015	11/17/2015	8	180	OK
MW-31	Copper	11/9/2015	11/17/2015	8	180	OK
MW-31	Fluoride	11/9/2015	11/24/2015	15	28	OK
MW-31	Gross Radium Alpha	11/9/2015	12/4/2015	25	180	OK
MW-31	Iron	11/9/2015	11/17/2015	8	180	OK
MW-31	Lead	11/9/2015	11/17/2015	8	180	OK
MW-31	Magnesium	11/9/2015	11/25/2015	16	180	OK
MW-31	Manganese	11/9/2015	11/17/2015	8	180	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	Mercury	11/9/2015	11/16/2015	7	180	OK
MW-31	Methylene chloride	11/9/2015	11/13/2015	4	14	OK
MW-31	Molybdenum	11/9/2015	11/17/2015	8	180	OK
MW-31	Naphthalene	11/9/2015	11/13/2015	4	14	OK
MW-31	Nickel	11/9/2015	11/17/2015	8	180	OK
MW-31	Nitrate/Nitrite (as N)	11/9/2015	11/14/2015	5	28	OK
MW-31	Potassium	11/9/2015	11/25/2015	16	180	OK
MW-31	Selenium	11/9/2015	11/17/2015	8	180	OK
MW-31	Silver	11/9/2015	11/17/2015	8	180	OK
MW-31	Sodium	11/9/2015	11/25/2015	16	180	OK
MW-31	Sulfate	11/9/2015	11/23/2015	14	28	OK
MW-31	Tetrahydrofuran	11/9/2015	11/13/2015	4	14	OK
MW-31	Thallium	11/9/2015	11/17/2015	8	180	OK
MW-31	Tin	11/9/2015	11/17/2015	8	180	OK
MW-31	Toluene	11/9/2015	11/13/2015	4	14	OK
MW-31	Total Dissolved Solids	11/9/2015	11/13/2015	4	7	OK
MW-31	Uranium	11/9/2015	11/17/2015	8	180	OK
MW-31	Vanadium	11/9/2015	11/25/2015	16	180	OK
MW-31	Xylenes, Total	11/9/2015	11/13/2015	4	14	OK
MW-31	Zinc	11/9/2015	11/17/2015	8	180	OK
MW-32	2-Butanone	11/3/2015	11/5/2015	2	14	OK
MW-32	Acetone	11/3/2015	11/5/2015	2	14	OK
MW-32	Ammonia (as N)	11/3/2015	11/12/2015	9	28	OK
MW-32	Arsenic	11/3/2015	11/16/2015	13	180	OK
MW-32	Benzene	11/3/2015	11/5/2015	2	14	OK
MW-32	Beryllium	11/3/2015	11/16/2015	13	180	OK
MW-32	Bicarbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-32	Cadmium	11/3/2015	11/16/2015	13	180	OK
MW-32	Calcium	11/3/2015	11/17/2015	14	180	OK
MW-32	Carbon tetrachloride	11/3/2015	11/5/2015	2	14	OK
MW-32	Carbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-32	Chloride	11/3/2015	11/6/2015	3	28	OK
MW-32	Chloroform	11/3/2015	11/5/2015	2	14	OK
MW-32	Chloromethane	11/3/2015	11/5/2015	2	14	OK
MW-32	Chromium	11/3/2015	11/16/2015	13	180	OK
MW-32	Cobalt	11/3/2015	11/16/2015	13	180	OK
MW-32	Copper	11/3/2015	11/16/2015	13	180	OK
MW-32	Fluoride	11/3/2015	11/6/2015	3	28	OK
MW-32	Iron	11/3/2015	11/16/2015	13	180	OK
MW-32	Lead	11/3/2015	11/16/2015	13	180	OK
MW-32	Magnesium	11/3/2015	11/17/2015	14	180	OK
MW-32	Manganese	11/3/2015	11/16/2015	13	180	OK
MW-32	Mercury	11/3/2015	11/11/2015	8	180	OK
MW-32	Methylene chloride	11/3/2015	11/5/2015	2	14	OK
MW-32	Molybdenum	11/3/2015	11/16/2015	13	180	OK
MW-32	Naphthalene	11/3/2015	11/5/2015	2	14	OK
MW-32	Nickel	11/3/2015	11/16/2015	13	180	OK
MW-32	Nitrate/Nitrite (as N)	11/3/2015	11/7/2015	4	28	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-32	Potassium	11/3/2015	11/17/2015	14	180	OK
MW-32	Selenium	11/3/2015	11/16/2015	13	180	OK
MW-32	Silver	11/3/2015	11/16/2015	13	180	OK
MW-32	Sodium	11/3/2015	11/17/2015	14	180	OK
MW-32	Sulfate	11/3/2015	11/5/2015	2	28	OK
MW-32	Tetrahydrofuran	11/3/2015	11/5/2015	2	14	OK
MW-32	Thallium	11/3/2015	11/16/2015	13	180	OK
MW-32	Tin	11/3/2015	11/16/2015	13	180	OK
MW-32	Toluene	11/3/2015	11/5/2015	2	14	OK
MW-32	Total Dissolved Solids	11/3/2015	11/6/2015	3	7	OK
MW-32	Uranium	11/3/2015	11/16/2015	13	180	OK
MW-32	Vanadium	11/3/2015	11/17/2015	14	180	OK
MW-32	Xylenes, Total	11/3/2015	11/5/2015	2	14	OK
MW-32	Zinc	11/3/2015	11/16/2015	13	180	OK
MW-35	2-Butanone	11/3/2015	11/5/2015	2	14	OK
MW-35	Acetone	11/3/2015	11/5/2015	2	14	OK
MW-35	Ammonia (as N)	11/3/2015	11/12/2015	9	28	OK
MW-35	Arsenic	11/3/2015	11/16/2015	13	180	OK
MW-35	Benzene	11/3/2015	11/5/2015	2	14	OK
MW-35	Beryllium	11/3/2015	11/14/2015	11	180	OK
MW-35	Bicarbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-35	Cadmium	11/3/2015	11/16/2015	13	180	OK
MW-35	Calcium	11/3/2015	11/17/2015	14	180	OK
MW-35	Carbon tetrachloride	11/3/2015	11/5/2015	2	14	OK
MW-35	Carbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-35	Chloride	11/3/2015	11/6/2015	3	28	OK
MW-35	Chloroform	11/3/2015	11/5/2015	2	14	OK
MW-35	Chloromethane	11/3/2015	11/5/2015	2	14	OK
MW-35	Chromium	11/3/2015	11/16/2015	13	180	OK
MW-35	Cobalt	11/3/2015	11/16/2015	13	180	OK
MW-35	Copper	11/3/2015	11/16/2015	13	180	OK
MW-35	Fluoride	11/3/2015	11/6/2015	3	28	OK
MW-35	Gross Radium Alpha	11/3/2015	12/9/2015	36	180	OK
MW-35	Iron	11/3/2015	11/14/2015	11	180	OK
MW-35	Lead	11/3/2015	11/14/2015	11	180	OK
MW-35	Magnesium	11/3/2015	11/17/2015	14	180	OK
MW-35	Manganese	11/3/2015	11/16/2015	13	180	OK
MW-35	Mercury	11/3/2015	11/11/2015	8	180	OK
MW-35	Methylene chloride	11/3/2015	11/5/2015	2	14	OK
MW-35	Molybdenum	11/3/2015	11/16/2015	13	180	OK
MW-35	Naphthalene	11/3/2015	11/5/2015	2	14	OK
MW-35	Nickel	11/3/2015	11/16/2015	13	180	OK
MW-35	Nitrate/Nitrite (as N)	11/3/2015	11/7/2015	4	28	OK
MW-35	Potassium	11/3/2015	11/17/2015	14	180	OK
MW-35	Selenium	11/3/2015	11/16/2015	13	180	OK
MW-35	Silver	11/3/2015	11/16/2015	13	180	OK
MW-35	Sodium	11/3/2015	11/17/2015	14	180	OK
MW-35	Sulfate	11/3/2015	11/5/2015	2	28	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-35	Tetrahydrofuran	11/3/2015	11/5/2015	2	14	OK
MW-35	Thallium	11/3/2015	11/14/2015	11	180	OK
MW-35	Tin	11/3/2015	11/16/2015	13	180	OK
MW-35	Toluene	11/3/2015	11/5/2015	2	14	OK
MW-35	Total Dissolved Solids	11/3/2015	11/6/2015	3	7	OK
MW-35	Uranium	11/3/2015	11/16/2015	13	180	OK
MW-35	Vanadium	11/3/2015	11/17/2015	14	180	OK
MW-35	Xylenes, Total	11/3/2015	11/5/2015	2	14	OK
MW-35	Zinc	11/3/2015	11/16/2015	13	180	OK
MW-36	2-Butanone	11/3/2015	11/5/2015	2	14	OK
MW-36	Acetone	11/3/2015	11/5/2015	2	14	OK
MW-36	Ammonia (as N)	11/3/2015	11/16/2015	13	28	OK
MW-36	Arsenic	11/3/2015	11/16/2015	13	180	OK
MW-36	Benzene	11/3/2015	11/5/2015	2	14	OK
MW-36	Beryllium	11/3/2015	11/16/2015	13	180	OK
MW-36	Bicarbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-36	Cadmium	11/3/2015	11/16/2015	13	180	OK
MW-36	Calcium	11/3/2015	11/17/2015	14	180	OK
MW-36	Carbon tetrachloride	11/3/2015	11/5/2015	2	14	OK
MW-36	Carbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-36	Chloride	11/3/2015	11/6/2015	3	28	OK
MW-36	Chloroform	11/3/2015	11/5/2015	2	14	OK
MW-36	Chloromethane	11/3/2015	11/5/2015	2	14	OK
MW-36	Chromium	11/3/2015	11/16/2015	13	180	OK
MW-36	Cobalt	11/3/2015	11/16/2015	13	180	OK
MW-36	Copper	11/3/2015	11/16/2015	13	180	OK
MW-36	Fluoride	11/3/2015	11/6/2015	3	28	OK
MW-36	Iron	11/3/2015	11/16/2015	13	180	OK
MW-36	Lead	11/3/2015	11/16/2015	13	180	OK
MW-36	Magnesium	11/3/2015	11/17/2015	14	180	OK
MW-36	Manganese	11/3/2015	11/16/2015	13	180	OK
MW-36	Mercury	11/3/2015	11/11/2015	8	180	OK
MW-36	Methylene chloride	11/3/2015	11/5/2015	2	14	OK
MW-36	Molybdenum	11/3/2015	11/16/2015	13	180	OK
MW-36	Naphthalene	11/3/2015	11/5/2015	2	14	OK
MW-36	Nickel	11/3/2015	11/16/2015	13	180	OK
MW-36	Nitrate/Nitrite (as N)	11/3/2015	11/7/2015	4	28	OK
MW-36	Potassium	11/3/2015	11/17/2015	14	180	OK
MW-36	Selenium	11/3/2015	11/16/2015	13	180	OK
MW-36	Silver	11/3/2015	11/16/2015	13	180	OK
MW-36	Sodium	11/3/2015	11/17/2015	14	180	OK
MW-36	Sulfate	11/3/2015	11/5/2015	2	28	OK
MW-36	Tetrahydrofuran	11/3/2015	11/5/2015	2	14	OK
MW-36	Thallium	11/3/2015	11/16/2015	13	180	OK
MW-36	Tin	11/3/2015	11/16/2015	13	180	OK
MW-36	Toluene	11/3/2015	11/5/2015	2	14	OK
MW-36	Total Dissolved Solids	11/3/2015	11/6/2015	3	7	OK
MW-36	Uranium	11/3/2015	11/16/2015	13	180	OK

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Location ID	Parameter Name	Sample Date	Analysis Date	Hold Time (Days)	Allowed Hold Time (Days)	Hold Time Check
MW-36	Vanadium	11/3/2015	11/17/2015	14	180	OK
MW-36	Xylenes, Total	11/3/2015	11/5/2015	2	14	OK
MW-36	Zinc	11/3/2015	11/16/2015	13	180	OK
MW-37	2-Butanone	12/9/2015	12/14/2015	5	14	OK
MW-37	Acetone	12/9/2015	12/14/2015	5	14	OK
MW-37	Ammonia (as N)	12/9/2015	12/22/2015	13	28	OK
MW-37	Arsenic	12/9/2015	12/15/2015	6	180	OK
MW-37	Benzene	12/9/2015	12/14/2015	5	14	OK
MW-37	Beryllium	12/9/2015	12/15/2015	6	180	OK
MW-37	Bicarbonate (as CaCO3)	12/9/2015	12/14/2015	5	14	OK
MW-37	Cadmium	12/9/2015	12/15/2015	6	180	OK
MW-37	Calcium	12/9/2015	12/15/2015	6	180	OK
MW-37	Carbon tetrachloride	12/9/2015	12/14/2015	5	14	OK
MW-37	Carbonate (as CaCO3)	12/9/2015	12/14/2015	5	14	OK
MW-37	Chloride	12/9/2015	12/15/2015	6	28	OK
MW-37	Chloroform	12/9/2015	12/14/2015	5	14	OK
MW-37	Chloromethane	12/9/2015	12/14/2015	5	14	OK
MW-37	Chromium	12/9/2015	12/15/2015	6	180	OK
MW-37	Cobalt	12/9/2015	12/15/2015	6	180	OK
MW-37	Copper	12/9/2015	12/15/2015	6	180	OK
MW-37	Fluoride	12/9/2015	12/15/2015	6	28	OK
MW-37	Gross Radium Alpha	12/9/2015	1/6/2016	28	180	OK
MW-37	Iron	12/9/2015	12/15/2015	6	180	OK
MW-37	Lead	12/9/2015	12/15/2015	6	180	OK
MW-37	Magnesium	12/9/2015	12/15/2015	6	180	OK
MW-37	Manganese	12/9/2015	12/15/2015	6	180	OK
MW-37	Mercury	12/9/2015	12/21/2015	12	180	OK
MW-37	Methylene chloride	12/9/2015	12/14/2015	5	14	OK
MW-37	Molybdenum	12/9/2015	12/15/2015	6	180	OK
MW-37	Naphthalene	12/9/2015	12/14/2015	5	14	OK
MW-37	Nickel	12/9/2015	12/15/2015	6	180	OK
MW-37	Nitrate/Nitrite (as N)	12/9/2015	12/18/2015	9	28	OK
MW-37	Potassium	12/9/2015	12/15/2015	6	180	OK
MW-37	Selenium	12/9/2015	12/15/2015	6	180	OK
MW-37	Silver	12/9/2015	12/15/2015	6	180	OK
MW-37	Sodium	12/9/2015	12/15/2015	6	180	OK
MW-37	Sulfate	12/9/2015	12/15/2015	6	28	OK
MW-37	Tetrahydrofuran	12/9/2015	12/14/2015	5	14	OK
MW-37	Thallium	12/9/2015	12/15/2015	6	180	OK
MW-37	Tin	12/9/2015	12/15/2015	6	180	OK
MW-37	Toluene	12/9/2015	12/14/2015	5	14	OK
MW-37	Total Dissolved Solids	12/9/2015	12/11/2015	2	7	OK
MW-37	Uranium	12/9/2015	12/15/2015	6	180	OK
MW-37	Vanadium	12/9/2015	12/15/2015	6	180	OK
MW-37	Xylenes, Total	12/9/2015	12/14/2015	5	14	OK
MW-37	Zinc	12/9/2015	12/15/2015	6	180	OK
MW-65	2-Butanone	11/3/2015	11/5/2015	2	14	OK
MW-65	Acetone	11/3/2015	11/5/2015	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-65	Ammonia (as N)	11/3/2015	11/16/2015	13	28	OK
MW-65	Arsenic	11/3/2015	11/16/2015	13	180	OK
MW-65	Benzene	11/3/2015	11/5/2015	2	14	OK
MW-65	Beryllium	11/3/2015	11/16/2015	13	180	OK
MW-65	Bicarbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-65	Cadmium	11/3/2015	11/16/2015	13	180	OK
MW-65	Calcium	11/3/2015	11/17/2015	14	180	OK
MW-65	Carbon tetrachloride	11/3/2015	11/5/2015	2	14	OK
MW-65	Carbonate (as CaCO3)	11/3/2015	11/6/2015	3	14	OK
MW-65	Chloride	11/3/2015	11/6/2015	3	28	OK
MW-65	Chloroform	11/3/2015	11/5/2015	2	14	OK
MW-65	Chloromethane	11/3/2015	11/5/2015	2	14	OK
MW-65	Chromium	11/3/2015	11/16/2015	13	180	OK
MW-65	Cobalt	11/3/2015	11/16/2015	13	180	OK
MW-65	Copper	11/3/2015	11/16/2015	13	180	OK
MW-65	Fluoride	11/3/2015	11/6/2015	3	28	OK
MW-65	Gross Radium Alpha	11/3/2015	12/9/2015	36	180	OK
MW-65	Iron	11/3/2015	11/16/2015	13	180	OK
MW-65	Lead	11/3/2015	11/16/2015	13	180	OK
MW-65	Magnesium	11/3/2015	11/17/2015	14	180	OK
MW-65	Manganese	11/3/2015	11/16/2015	13	180	OK
MW-65	Mercury	11/3/2015	11/11/2015	8	180	OK
MW-65	Methylene chloride	11/3/2015	11/5/2015	2	14	OK
MW-65	Molybdenum	11/3/2015	11/16/2015	13	180	OK
MW-65	Naphthalene	11/3/2015	11/5/2015	2	14	OK
MW-65	Nickel	11/3/2015	11/16/2015	13	180	OK
MW-65	Nitrate/Nitrite (as N)	11/3/2015	11/10/2015	7	28	OK
MW-65	Potassium	11/3/2015	11/17/2015	14	180	OK
MW-65	Selenium	11/3/2015	11/16/2015	13	180	OK
MW-65	Silver	11/3/2015	11/16/2015	13	180	OK
MW-65	Sodium	11/3/2015	11/17/2015	14	180	OK
MW-65	Sulfate	11/3/2015	11/5/2015	2	28	OK
MW-65	Tetrahydrofuran	11/3/2015	11/5/2015	2	14	OK
MW-65	Thallium	11/3/2015	11/16/2015	13	180	OK
MW-65	Tin	11/3/2015	11/16/2015	13	180	OK
MW-65	Toluene	11/3/2015	11/5/2015	2	14	OK
MW-65	Total Dissolved Solids	11/3/2015	11/6/2015	3	7	OK
MW-65	Uranium	11/3/2015	11/16/2015	13	180	OK
MW-65	Vanadium	11/3/2015	11/17/2015	14	180	OK
MW-65	Xylenes, Total	11/3/2015	11/5/2015	2	14	OK
MW-65	Zinc	11/3/2015	11/16/2015	13	180	OK
MW-70	2-Butanone	11/17/2015	11/23/2015	6	14	OK
MW-70	Acetone	11/17/2015	11/23/2015	6	14	OK
MW-70	Ammonia (as N)	11/17/2015	11/25/2015	8	28	OK
MW-70	Arsenic	11/17/2015	11/23/2015	6	180	OK
MW-70	Benzene	11/17/2015	11/23/2015	6	14	OK
MW-70	Beryllium	11/17/2015	11/23/2015	6	180	OK
MW-70	Bicarbonate (as CaCO3)	11/17/2015	11/23/2015	6	14	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	Cadmium	11/17/2015	11/23/2015	6	180	OK
MW-70	Calcium	11/17/2015	12/2/2015	15	180	OK
MW-70	Carbon tetrachloride	11/17/2015	11/23/2015	6	14	OK
MW-70	Carbonate (as CaCO3)	11/17/2015	11/23/2015	6	14	OK
MW-70	Chloride	11/17/2015	12/2/2015	15	28	OK
MW-70	Chloroform	11/17/2015	11/23/2015	6	14	OK
MW-70	Chloromethane	11/17/2015	11/23/2015	6	14	OK
MW-70	Chromium	11/17/2015	11/23/2015	6	180	OK
MW-70	Cobalt	11/17/2015	11/23/2015	6	180	OK
MW-70	Copper	11/17/2015	11/23/2015	6	180	OK
MW-70	Fluoride	11/17/2015	12/2/2015	15	28	OK
MW-70	Gross Radium Alpha	11/17/2015	12/14/2015	27	180	OK
MW-70	Iron	11/17/2015	11/23/2015	6	180	OK
MW-70	Lead	11/17/2015	11/23/2015	6	180	OK
MW-70	Magnesium	11/17/2015	12/2/2015	15	180	OK
MW-70	Manganese	11/17/2015	11/23/2015	6	180	OK
MW-70	Mercury	11/17/2015	12/4/2015	17	180	OK
MW-70	Methylene chloride	11/17/2015	11/23/2015	6	14	OK
MW-70	Molybdenum	11/17/2015	11/23/2015	6	180	OK
MW-70	Naphthalene	11/17/2015	11/23/2015	6	14	OK
MW-70	Nickel	11/17/2015	11/23/2015	6	180	OK
MW-70	Nitrate/Nitrite (as N)	11/17/2015	11/30/2015	13	28	OK
MW-70	Potassium	11/17/2015	12/2/2015	15	180	OK
MW-70	Selenium	11/17/2015	11/23/2015	6	180	OK
MW-70	Silver	11/17/2015	11/23/2015	6	180	OK
MW-70	Sodium	11/17/2015	12/2/2015	15	180	OK
MW-70	Sulfate	11/17/2015	12/2/2015	15	28	OK
MW-70	Tetrahydrofuran	11/17/2015	11/23/2015	6	14	OK
MW-70	Thallium	11/17/2015	11/23/2015	6	180	OK
MW-70	Tin	11/17/2015	11/24/2015	7	180	OK
MW-70	Toluene	11/17/2015	11/23/2015	6	14	OK
MW-70	Total Dissolved Solids	11/17/2015	11/23/2015	6	7	OK
MW-70	Uranium	11/17/2015	11/23/2015	6	180	OK
MW-70	Vanadium	11/17/2015	12/2/2015	15	180	OK
MW-70	Xylenes, Total	11/17/2015	11/23/2015	6	14	OK
MW-70	Zinc	11/17/2015	11/24/2015	7	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
Trip Blank	Chloroform	10/7/2015	10/9/2015	2	14	OK
Trip Blank	Methylene chloride	10/7/2015	10/9/2015	2	14	OK
Trip Blank	Chloroform	12/8/2015	12/14/2015	6	14	OK
Trip Blank	Methylene chloride	12/8/2015	12/14/2015	6	14	OK
MW-11	Manganese	10/7/2015	10/22/2015	15	180	OK
MW-11	Manganese	12/8/2015	12/15/2015	7	180	OK
MW-25	Cadmium	10/6/2015	10/22/2015	16	180	OK
MW-25	Uranium	10/6/2015	10/27/2015	21	180	OK
MW-25	Chloride	12/8/2015	12/15/2015	7	28	OK
MW-25	Cadmium	12/8/2015	12/15/2015	7	180	OK
MW-25	Uranium	12/8/2015	12/15/2015	7	180	OK
MW-26	Chloride	10/7/2015	10/19/2015	12	28	OK
MW-26	Chloroform	10/7/2015	10/9/2015	2	14	OK
MW-26	Uranium	10/7/2015	10/27/2015	20	180	OK
MW-26	Methylene chloride	10/7/2015	10/9/2015	2	14	OK
MW-26	Nitrate/Nitrite (as N)	10/7/2015	10/14/2015	7	28	OK
MW-26	Chloride	12/8/2015	12/15/2015	7	28	OK
MW-26	Chloroform	12/8/2015	12/14/2015	6	14	OK
MW-26	Uranium	12/8/2015	12/15/2015	7	180	OK
MW-26	Methylene chloride	12/8/2015	12/14/2015	6	14	OK
MW-26	Nitrate/Nitrite (as N)	12/8/2015	12/18/2015	10	28	OK
MW-30	Chloride	10/7/2015	10/19/2015	12	28	OK
MW-30	Uranium	10/7/2015	10/27/2015	20	180	OK
MW-30	Ammonia (as N)	10/7/2015	11/2/2015	26	28	OK
MW-30	Selenium	10/7/2015	10/22/2015	15	180	OK
MW-30	Nitrate/Nitrite (as N)	10/7/2015	10/14/2015	7	28	OK
MW-30	Chloride	12/9/2015	12/15/2015	6	28	OK
MW-30	Uranium	12/9/2015	12/15/2015	6	180	OK
MW-30	Ammonia (as N)	12/9/2015	12/22/2015	13	28	OK
MW-30	Selenium	12/9/2015	12/15/2015	6	180	OK
MW-30	Nitrate/Nitrite (as N)	12/9/2015	12/18/2015	9	28	OK
MW-31	Sulfate	10/6/2015	10/19/2015	13	28	OK
MW-31	Chloride	10/6/2015	10/19/2015	13	28	OK
MW-31	Selenium	10/6/2015	10/22/2015	16	180	OK
MW-31	Nitrate/Nitrite (as N)	10/6/2015	10/14/2015	8	28	OK
MW-31	Total Dissolved Solids	10/6/2015	10/9/2015	3	7	OK
MW-31	Sulfate	12/8/2015	12/15/2015	7	28	OK
MW-31	Chloride	12/8/2015	12/15/2015	7	28	OK
MW-31	Selenium	12/8/2015	12/15/2015	7	180	OK
MW-31	Nitrate/Nitrite (as N)	12/8/2015	12/18/2015	10	28	OK
MW-31	Total Dissolved Solids	12/8/2015	12/11/2015	3	7	OK
MW-35	Manganese	10/6/2015	10/22/2015	16	180	OK
MW-35	Thallium	10/6/2015	10/22/2015	16	180	OK
MW-35	Uranium	10/6/2015	10/27/2015	21	180	OK
MW-35	Selenium	10/6/2015	10/22/2015	16	180	OK
MW-35	Gross Radium Alpha	10/6/2015	11/1/2015	26	180	OK
MW-35	Gross Radium Alpha	12/14/2015	1/6/2016	23	180	OK
MW-35	Manganese	12/14/2015	12/19/2015	5	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	Thallium	12/14/2015	12/19/2015	5	180	OK
MW-35	Uranium	12/14/2015	12/19/2015	5	180	OK
MW-35	Selenium	12/14/2015	12/19/2015	5	180	OK
MW-65	Chloride	10/7/2015	10/19/2015	12	28	OK
MW-65	Uranium	10/7/2015	10/27/2015	20	180	OK
MW-65	Ammonia (as N)	10/7/2015	11/2/2015	26	28	OK
MW-65	Selenium	10/7/2015	10/22/2015	15	180	OK
MW-65	Nitrate/Nitrite (as N)	10/7/2015	10/14/2015	7	28	OK
MW-65	Manganese	12/14/2015	12/19/2015	5	180	OK
MW-65	Thallium	12/14/2015	12/19/2015	5	180	OK
MW-65	Uranium	12/14/2015	12/19/2015	5	180	OK
MW-65	Selenium	12/14/2015	12/19/2015	5	180	OK
MW-65	Gross Radium Alpha	12/14/2015	1/6/2016	23	180	OK

G-3A: Laboratory Receipt Temperature Check

Sample Batch	Wells in Batch	Temperature
AWAL 1511092	MW-03, MW-03A, MW-05, MW-14, MW-17, MW-32, MW-35, MW-36, MW-65, Trip Blank	0.7 °C
AWAL 1511245	MW-01, MW-11, MW-18, MW-19, MW-25, MW-26, MW-27, MW-28, MW-30, MW-31, Trip Blank	2.0 °C
AWAL 1511403	MW-02, MW-12, MW-15, MW-22, MW-23, MW-24, MW-29, MW-70, Trip Blank	2.0 °C
AWAL 1512251	MW-20, MW-37, Trip Blank	3.0 °C
GEL 384936	MW-03, MW-03A, MW-05, MW-14, MW-17, MW-32, MW-35, MW-36, MW-65	N/A
GEL 385740	MW-01, MW-11, MW-18, MW-19, MW-25, MW-26, MW-27, MW-28, MW-30, MW-31	N/A
GEL 386241	MW-02, MW-12, MW-15, MW-22, MW-23, MW-24, MW-29, MW-70	N/A
GEL 387679	MW-20, MW-37	N/A

N/A = These shipments contained samples for the analysis of gross alpha or metals only. Per Table 1 in the approved QAP, samples submitted for gross alpha and metals analyses do not have a sample temperature requirement.

G-3B: Laboratory Receipt Temperature Check - Accelerated Samples

Sample Batch	Wells in Batch	Temperature
AWAL 1510198	MW-11, MW-25, MW-26, MW-30, MW-31, MW-35, MW-65, Trip Blank	4.0°C
GEL 382974	MW-35	NA
AWAL 1512317	MW-35, MW-65	2.9 °C
AWAL 1512253	MW-11, MW-25, MW-26, MW-30, MW-31, Trip Blank	3.0 °C
GEL 387680	MW-35, MW-65	N/A

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: 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	SW8260C
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: Analytical Method Check - Accelerated Samples

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	SW8260C
Chloride	A4500-Cl B or A4500-Cl E or E300.0	A4500-Cl E and 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
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	2-Butanone	20	ug/L	U	1	20	OK
MW-01	Acetone	20	ug/L	U	1	20	OK
MW-01	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-01	Arsenic	5	ug/L	U	20	5	OK
MW-01	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-01	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-01	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-01	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-01	Calcium	10	mg/L		10	0.5	OK
MW-01	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-01	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-01	Chloride	10	mg/L		10	1	OK
MW-01	Chloroform	1	ug/L	U	1	1	OK
MW-01	Chloromethane	1	ug/L	U	1	1	OK
MW-01	Chromium	25	ug/L	U	20	25	OK
MW-01	Cobalt	10	ug/L	U	20	10	OK
MW-01	Copper	10	ug/L	U	20	10	OK
MW-01	Fluoride	0.1	mg/L		1	0.1	OK
MW-01	Gross Radium Alpha	0.805	pCi/L	U	1	1	OK
MW-01	Iron	30	ug/L		5	30	OK
MW-01	Lead	1	ug/L	U	5	1	OK
MW-01	Magnesium	10	mg/L		10	0.5	OK
MW-01	Manganese	10	ug/L		20	10	OK
MW-01	Mercury	0.5	ug/L	U	1	0.5	OK
MW-01	Methylene chloride	1	ug/L	U	1	1	OK
MW-01	Molybdenum	10	ug/L	U	20	10	OK
MW-01	Naphthalene	1	ug/L	U	1	1	OK
MW-01	Nickel	20	ug/L	U	20	20	OK
MW-01	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-01	Potassium	1	mg/L		1	0.5	OK
MW-01	Selenium	5	ug/L	U	20	5	OK
MW-01	Silver	10	ug/L	U	20	10	OK
MW-01	Sodium	10	mg/L		10	0.5	OK
MW-01	Sulfate	100	mg/L		100	1	OK
MW-01	Tetrahydrofuran	1	ug/L		1	1	OK
MW-01	Thallium	0.5	ug/L	U	5	0.5	OK
MW-01	Tin	100	ug/L	U	20	100	OK
MW-01	Toluene	1	ug/L	U	1	1	OK
MW-01	Total Dissolved Solids	20	MG/L		2	10	OK
MW-01	Uranium	0.3	ug/L		2	0.3	OK
MW-01	Vanadium	15	ug/L	U	1	15	OK
MW-01	Xylenes, Total	1	ug/L	U	1	1	OK
MW-01	Zinc	10	ug/L	U	20	10	OK
MW-02	2-Butanone	20	ug/L	U	1	20	OK
MW-02	Acetone	20	ug/L	U	1	20	OK
MW-02	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-02	Arsenic	5	ug/L	U	20	5	OK
MW-02	Benzene	1	ug/L	U	1	1	OK
MW-02	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-02	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-02	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-02	Calcium	100	mg/L		100	0.5	OK
MW-02	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-02	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-02	Chloride	1	mg/L		1	1	OK
MW-02	Chloroform	1	ug/L	U	1	1	OK
MW-02	Chloromethane	1	ug/L	U	1	1	OK
MW-02	Chromium	25	ug/L	U	20	25	OK
MW-02	Cobalt	10	ug/L	U	20	10	OK
MW-02	Copper	10	ug/L	U	20	10	OK
MW-02	Fluoride	0.1	mg/L		1	0.1	OK
MW-02	Gross Radium Alpha	0.585	pCi/L	U	1	1	OK
MW-02	Iron	30	ug/L	U	5	30	OK
MW-02	Lead	1	ug/L	U	5	1	OK
MW-02	Magnesium	10	mg/L		10	0.5	OK
MW-02	Manganese	10	ug/L	U	20	10	OK
MW-02	Mercury	0.5	ug/L	U	1	0.5	OK
MW-02	Methylene chloride	1	ug/L	U	1	1	OK
MW-02	Molybdenum	10	ug/L	U	20	10	OK
MW-02	Naphthalene	1	ug/L	U	1	1	OK
MW-02	Nickel	20	ug/L	U	20	20	OK
MW-02	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-02	Potassium	1	mg/L		1	0.5	OK
MW-02	Selenium	5	ug/L		20	5	OK
MW-02	Silver	10	ug/L	U	20	10	OK
MW-02	Sodium	100	mg/L		100	0.5	OK
MW-02	Sulfate	1000	mg/L		1000	1	OK
MW-02	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-02	Thallium	0.5	ug/L	U	5	0.5	OK
MW-02	Tin	100	ug/L	U	20	100	OK
MW-02	Toluene	1	ug/L	U	1	1	OK
MW-02	Total Dissolved Solids	20	MG/L		2	10	OK
MW-02	Uranium	0.3	ug/L		2	0.3	OK
MW-02	Vanadium	15	ug/L	U	1	15	OK
MW-02	Xylenes, Total	1	ug/L	U	1	1	OK
MW-02	Zinc	10	ug/L	U	20	10	OK
MW-03	2-Butanone	20	ug/L	U	1	20	OK
MW-03	Acetone	20	ug/L	U	1	20	OK
MW-03	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-03	Arsenic	5	ug/L	U	20	5	OK
MW-03	Benzene	1	ug/L	U	1	1	OK
MW-03	Beryllium	0.5	ug/L		5	0.5	OK
MW-03	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-03	Cadmium	0.5	ug/L		20	0.5	OK
MW-03	Calcium	50	mg/L		50	0.5	OK
MW-03	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-03	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-03	Chloride	10	mg/L		10	1	OK
MW-03	Chloroform	1	ug/L	U	1	1	OK
MW-03	Chloromethane	1	ug/L	U	1	1	OK
MW-03	Chromium	25	ug/L	U	20	25	OK
MW-03	Cobalt	10	ug/L	U	20	10	OK
MW-03	Copper	10	ug/L	U	20	10	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-03	Fluoride	0.1	mg/L		1	0.1	OK
MW-03	Iron	30	ug/L	U	5	30	OK
MW-03	Lead	1	ug/L	U	5	1	OK
MW-03	Magnesium	50	mg/L		50	0.5	OK
MW-03	Manganese	10	ug/L		20	10	OK
MW-03	Mercury	0.5	ug/L	U	1	0.5	OK
MW-03	Methylene chloride	1	ug/L	U	1	1	OK
MW-03	Molybdenum	10	ug/L	U	20	10	OK
MW-03	Naphthalene	1	ug/L	U	1	1	OK
MW-03	Nickel	20	ug/L		20	20	OK
MW-03	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-03	Potassium	1	mg/L		1	0.5	OK
MW-03	Selenium	5	ug/L		20	5	OK
MW-03	Silver	10	ug/L	U	20	10	OK
MW-03	Sodium	50	mg/L		50	0.5	OK
MW-03	Sulfate	1000	mg/L		1000	1	OK
MW-03	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-03	Thallium	0.5	ug/L		5	0.5	OK
MW-03	Tin	100	ug/L	U	20	100	OK
MW-03	Toluene	1	ug/L	U	1	1	OK
MW-03	Total Dissolved Solids	20	MG/L		2	10	OK
MW-03	Uranium	0.3	ug/L		2	0.3	OK
MW-03	Vanadium	15	ug/L	U	1	15	OK
MW-03	Xylenes, Total	1	ug/L	U	1	1	OK
MW-03	Zinc	10	ug/L		20	10	OK
MW-03A	2-Butanone	20	ug/L	U	1	20	OK
MW-03A	Acetone	20	ug/L	U	1	20	OK
MW-03A	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-03A	Arsenic	5	ug/L	U	20	5	OK
MW-03A	Benzene	1	ug/L	U	1	1	OK
MW-03A	Beryllium	0.5	ug/L		5	0.5	OK
MW-03A	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-03A	Cadmium	0.5	ug/L		20	0.5	OK
MW-03A	Calcium	50	mg/L		50	0.5	OK
MW-03A	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-03A	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-03A	Chloride	10	mg/L		10	1	OK
MW-03A	Chloroform	1	ug/L	U	1	1	OK
MW-03A	Chloromethane	1	ug/L	U	1	1	OK
MW-03A	Chromium	25	ug/L	U	20	25	OK
MW-03A	Cobalt	10	ug/L	U	20	10	OK
MW-03A	Copper	10	ug/L	U	20	10	OK
MW-03A	Fluoride	0.1	mg/L		1	0.1	OK
MW-03A	Iron	30	ug/L	U	5	30	OK
MW-03A	Lead	1	ug/L	U	5	1	OK
MW-03A	Magnesium	50	mg/L		50	0.5	OK
MW-03A	Manganese	10	ug/L		20	10	OK
MW-03A	Mercury	0.5	ug/L	U	1	0.5	OK
MW-03A	Methylene chloride	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-03A	Molybdenum	10	ug/L	U	20	10	OK
MW-03A	Naphthalene	1	ug/L	U	1	1	OK
MW-03A	Nickel	20	ug/L	U	20	20	OK
MW-03A	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-03A	Potassium	1	mg/L		1	0.5	OK
MW-03A	Selenium	5	ug/L		20	5	OK
MW-03A	Silver	10	ug/L	U	20	10	OK
MW-03A	Sodium	50	mg/L		50	0.5	OK
MW-03A	Sulfate	1000	mg/L		1000	1	OK
MW-03A	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-03A	Thallium	0.5	ug/L		5	0.5	OK
MW-03A	Tin	100	ug/L	U	20	100	OK
MW-03A	Toluene	1	ug/L	U	1	1	OK
MW-03A	Total Dissolved Solids	20	MG/L		2	10	OK
MW-03A	Uranium	0.3	ug/L		2	0.3	OK
MW-03A	Vanadium	15	ug/L	U	1	15	OK
MW-03A	Xylenes, Total	1	ug/L	U	1	1	OK
MW-03A	Zinc	10	ug/L		20	10	OK
MW-05	2-Butanone	20	ug/L	U	1	20	OK
MW-05	Acetone	20	ug/L	U	1	20	OK
MW-05	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-05	Arsenic	5	ug/L	U	20	5	OK
MW-05	Benzene	1	ug/L	U	1	1	OK
MW-05	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-05	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-05	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-05	Calcium	50	mg/L		50	0.5	OK
MW-05	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-05	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-05	Chloride	10	mg/L		10	1	OK
MW-05	Chloroform	1	ug/L	U	1	1	OK
MW-05	Chloromethane	1	ug/L	U	1	1	OK
MW-05	Chromium	25	ug/L	U	20	25	OK
MW-05	Cobalt	10	ug/L	U	20	10	OK
MW-05	Copper	10	ug/L	U	20	10	OK
MW-05	Fluoride	0.1	mg/L		1	0.1	OK
MW-05	Iron	30	ug/L		5	30	OK
MW-05	Lead	1	ug/L	U	5	1	OK
MW-05	Magnesium	1	mg/L		1	0.5	OK
MW-05	Manganese	10	ug/L		20	10	OK
MW-05	Mercury	0.5	ug/L	U	1	0.5	OK
MW-05	Methylene chloride	1	ug/L	U	1	1	OK
MW-05	Molybdenum	10	ug/L	U	20	10	OK
MW-05	Naphthalene	1	ug/L	U	1	1	OK
MW-05	Nickel	20	ug/L	U	20	20	OK
MW-05	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-05	Potassium	1	mg/L		1	0.5	OK
MW-05	Selenium	5	ug/L	U	20	5	OK
MW-05	Silver	10	ug/L	U	20	10	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-05	Sodium	50	mg/L		50	0.5	OK
MW-05	Sulfate	1000	mg/L		1000	1	OK
MW-05	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-05	Thallium	0.5	ug/L	U	5	0.5	OK
MW-05	Tin	100	ug/L	U	20	100	OK
MW-05	Toluene	1	ug/L	U	1	1	OK
MW-05	Total Dissolved Solids	20	MG/L		2	10	OK
MW-05	Uranium	0.3	ug/L		2	0.3	OK
MW-05	Vanadium	15	ug/L	U	1	15	OK
MW-05	Xylenes, Total	1	ug/L	U	1	1	OK
MW-05	Zinc	10	ug/L	U	20	10	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
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	10	mg/L		10	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	0.77	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	10	mg/L		10	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

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
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	2-Butanone	20	ug/L	U	1	20	OK
MW-12	Acetone	20	ug/L	U	1	20	OK
MW-12	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-12	Arsenic	5	ug/L	U	20	5	OK
MW-12	Benzene	1	ug/L	U	1	1	OK
MW-12	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-12	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-12	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-12	Calcium	100	mg/L		100	0.5	OK
MW-12	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-12	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-12	Chloride	10	mg/L		10	1	OK
MW-12	Chloroform	1	ug/L	U	1	1	OK
MW-12	Chloromethane	1	ug/L	U	1	1	OK
MW-12	Chromium	25	ug/L	U	20	25	OK
MW-12	Cobalt	10	ug/L	U	20	10	OK
MW-12	Copper	10	ug/L	U	20	10	OK
MW-12	Fluoride	0.1	mg/L		1	0.1	OK
MW-12	Gross Radium Alpha	0.589	pCi/L	U	1	1	OK
MW-12	Iron	30	ug/L	U	5	30	OK
MW-12	Lead	1	ug/L	U	5	1	OK
MW-12	Magnesium	100	mg/L		100	0.5	OK
MW-12	Manganese	10	ug/L		20	10	OK
MW-12	Mercury	0.5	ug/L	U	1	0.5	OK
MW-12	Methylene chloride	1	ug/L	U	1	1	OK
MW-12	Molybdenum	10	ug/L	U	20	10	OK
MW-12	Naphthalene	1	ug/L	U	1	1	OK
MW-12	Nickel	20	ug/L	U	20	20	OK
MW-12	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-12	Potassium	1	mg/L		1	0.5	OK
MW-12	Selenium	5	ug/L		20	5	OK
MW-12	Silver	10	ug/L	U	20	10	OK
MW-12	Sodium	100	mg/L		100	0.5	OK
MW-12	Sulfate	1000	mg/L		1000	1	OK
MW-12	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-12	Thallium	0.5	ug/L	U	5	0.5	OK
MW-12	Tin	100	ug/L	U	20	100	OK
MW-12	Toluene	1	ug/L	U	1	1	OK
MW-12	Total Dissolved Solids	20	MG/L		2	10	OK
MW-12	Uranium	0.3	ug/L		2	0.3	OK
MW-12	Vanadium	15	ug/L	U	1	15	OK
MW-12	Xylenes, Total	1	ug/L	U	1	1	OK
MW-12	Zinc	10	ug/L	U	20	10	OK
MW-14	2-Butanone	20	ug/L	U	1	20	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
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
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	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	50	ug/L		100	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	2-Butanone	20	ug/L	U	1	20	OK
MW-15	Acetone	20	ug/L	U	1	20	OK
MW-15	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-15	Arsenic	5	ug/L	U	20	5	OK
MW-15	Benzene	1	ug/L	U	1	1	OK
MW-15	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-15	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-15	Cadmium	0.5	ug/L	U	20	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-15	Calcium	100	mg/L		100	0.5	OK
MW-15	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-15	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-15	Chloride	10	mg/L		10	1	OK
MW-15	Chloroform	1	ug/L	U	1	1	OK
MW-15	Chloromethane	1	ug/L	U	1	1	OK
MW-15	Chromium	25	ug/L	U	20	25	OK
MW-15	Cobalt	10	ug/L	U	20	10	OK
MW-15	Copper	10	ug/L	U	20	10	OK
MW-15	Fluoride	0.1	mg/L		1	0.1	OK
MW-15	Gross Radium Alpha	0.724	pCi/L	U	1	1	OK
MW-15	Iron	30	ug/L	U	5	30	OK
MW-15	Lead	1	ug/L	U	5	1	OK
MW-15	Magnesium	10	mg/L		10	0.5	OK
MW-15	Manganese	10	ug/L	U	20	10	OK
MW-15	Mercury	0.5	ug/L	U	1	0.5	OK
MW-15	Methylene chloride	1	ug/L	U	1	1	OK
MW-15	Molybdenum	10	ug/L	U	20	10	OK
MW-15	Naphthalene	1	ug/L	U	1	1	OK
MW-15	Nickel	20	ug/L	U	20	20	OK
MW-15	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-15	Potassium	1	mg/L		1	0.5	OK
MW-15	Selenium	5	ug/L		20	5	OK
MW-15	Silver	10	ug/L	U	20	10	OK
MW-15	Sodium	100	mg/L		100	0.5	OK
MW-15	Sulfate	1000	mg/L		1000	1	OK
MW-15	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-15	Thallium	0.5	ug/L	U	5	0.5	OK
MW-15	Tin	100	ug/L	U	20	100	OK
MW-15	Toluene	1	ug/L	U	1	1	OK
MW-15	Total Dissolved Solids	20	MG/L		2	10	OK
MW-15	Uranium	0.3	ug/L		2	0.3	OK
MW-15	Vanadium	15	ug/L	U	1	15	OK
MW-15	Xylenes, Total	1	ug/L	U	1	1	OK
MW-15	Zinc	10	ug/L	U	20	10	OK
MW-17	2-Butanone	20	ug/L	U	1	20	OK
MW-17	Acetone	20	ug/L	U	1	20	OK
MW-17	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-17	Arsenic	5	ug/L	U	20	5	OK
MW-17	Benzene	1	ug/L	U	1	1	OK
MW-17	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-17	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-17	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-17	Calcium	50	mg/L		50	0.5	OK
MW-17	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-17	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-17	Chloride	10	mg/L		10	1	OK
MW-17	Chloroform	1	ug/L	U	1	1	OK
MW-17	Chloromethane	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-17	Chromium	25	ug/L	U	20	25	OK
MW-17	Cobalt	10	ug/L	U	20	10	OK
MW-17	Copper	10	ug/L	U	20	10	OK
MW-17	Fluoride	0.1	mg/L		1	0.1	OK
MW-17	Iron	30	ug/L	U	5	30	OK
MW-17	Lead	1	ug/L	U	5	1	OK
MW-17	Magnesium	50	mg/L		50	0.5	OK
MW-17	Manganese	10	ug/L		20	10	OK
MW-17	Mercury	0.5	ug/L	U	1	0.5	OK
MW-17	Methylene chloride	1	ug/L	U	1	1	OK
MW-17	Molybdenum	10	ug/L	U	20	10	OK
MW-17	Naphthalene	1	ug/L	U	1	1	OK
MW-17	Nickel	20	ug/L	U	20	20	OK
MW-17	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-17	Potassium	1	mg/L		1	0.5	OK
MW-17	Selenium	5	ug/L		20	5	OK
MW-17	Silver	10	ug/L	U	20	10	OK
MW-17	Sodium	50	mg/L		50	0.5	OK
MW-17	Sulfate	1000	mg/L		1000	1	OK
MW-17	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-17	Thallium	0.5	ug/L	U	5	0.5	OK
MW-17	Tin	100	ug/L	U	20	100	OK
MW-17	Toluene	1	ug/L	U	1	1	OK
MW-17	Total Dissolved Solids	20	MG/L		2	10	OK
MW-17	Uranium	0.3	ug/L		2	0.3	OK
MW-17	Vanadium	15	ug/L	U	1	15	OK
MW-17	Xylenes, Total	1	ug/L	U	1	1	OK
MW-17	Zinc	10	ug/L	U	20	10	OK
MW-18	2-Butanone	20	ug/L	U	1	20	OK
MW-18	Acetone	20	ug/L	U	1	20	OK
MW-18	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-18	Arsenic	5	ug/L	U	20	5	OK
MW-18	Benzene	1	ug/L	U	1	1	OK
MW-18	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-18	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-18	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-18	Calcium	10	mg/L		10	0.5	OK
MW-18	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-18	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-18	Chloride	10	mg/L		10	1	OK
MW-18	Chloroform	1	ug/L	U	1	1	OK
MW-18	Chloromethane	1	ug/L	U	1	1	OK
MW-18	Chromium	25	ug/L	U	20	25	OK
MW-18	Cobalt	10	ug/L	U	20	10	OK
MW-18	Copper	10	ug/L	U	20	10	OK
MW-18	Fluoride	0.1	mg/L		1	0.1	OK
MW-18	Gross Radium Alpha	0.946	pCi/L		1	1	OK
MW-18	Iron	30	ug/L		5	30	OK
MW-18	Lead	1	ug/L	U	5	1	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-18	Magnesium	10	mg/L		10	0.5	OK
MW-18	Manganese	10	ug/L		20	10	OK
MW-18	Mercury	0.5	ug/L	U	1	0.5	OK
MW-18	Methylene chloride	1	ug/L	U	1	1	OK
MW-18	Molybdenum	10	ug/L	U	20	10	OK
MW-18	Naphthalene	1	ug/L	U	1	1	OK
MW-18	Nickel	20	ug/L	U	20	20	OK
MW-18	Nitrate/Nitrite (as N)	0.1	mg/L	U	10	0.1	OK
MW-18	Potassium	1	mg/L		1	0.5	OK
MW-18	Selenium	5	ug/L	U	20	5	OK
MW-18	Silver	10	ug/L	U	20	10	OK
MW-18	Sodium	10	mg/L		10	0.5	OK
MW-18	Sulfate	1000	mg/L		1000	1	OK
MW-18	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-18	Thallium	0.5	ug/L		5	0.5	OK
MW-18	Tin	100	ug/L	U	20	100	OK
MW-18	Toluene	1	ug/L	U	1	1	OK
MW-18	Total Dissolved Solids	20	MG/L		2	10	OK
MW-18	Uranium	0.3	ug/L		2	0.3	OK
MW-18	Vanadium	15	ug/L	U	1	15	OK
MW-18	Xylenes, Total	1	ug/L	U	1	1	OK
MW-18	Zinc	10	ug/L	U	20	10	OK
MW-19	2-Butanone	20	ug/L	U	1	20	OK
MW-19	Acetone	20	ug/L	U	1	20	OK
MW-19	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-19	Arsenic	5	ug/L	U	20	5	OK
MW-19	Benzene	1	ug/L	U	1	1	OK
MW-19	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-19	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-19	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-19	Calcium	10	mg/L		10	0.5	OK
MW-19	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-19	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-19	Chloride	10	mg/L		10	1	OK
MW-19	Chloroform	1	ug/L	U	1	1	OK
MW-19	Chloromethane	1	ug/L	U	1	1	OK
MW-19	Chromium	25	ug/L	U	20	25	OK
MW-19	Cobalt	10	ug/L	U	20	10	OK
MW-19	Copper	10	ug/L	U	20	10	OK
MW-19	Fluoride	0.1	mg/L		1	0.1	OK
MW-19	Gross Radium Alpha	0.976	pCi/L	U	1	1	OK
MW-19	Iron	30	ug/L	U	5	30	OK
MW-19	Lead	1	ug/L	U	5	1	OK
MW-19	Magnesium	10	mg/L		10	0.5	OK
MW-19	Manganese	10	ug/L		20	10	OK
MW-19	Mercury	0.5	ug/L	U	1	0.5	OK
MW-19	Methylene chloride	1	ug/L	U	1	1	OK
MW-19	Molybdenum	10	ug/L	U	20	10	OK
MW-19	Naphthalene	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-19	Nickel	20	ug/L	U	20	20	OK
MW-19	Nitrate/Nitrite (as N)	0.1	mg/L		10	0.1	OK
MW-19	Potassium	1	mg/L		1	0.5	OK
MW-19	Selenium	5	ug/L		20	5	OK
MW-19	Silver	10	ug/L	U	20	10	OK
MW-19	Sodium	10	mg/L		10	0.5	OK
MW-19	Sulfate	100	mg/L		100	1	OK
MW-19	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-19	Thallium	0.5	ug/L	U	5	0.5	OK
MW-19	Tin	100	ug/L	U	20	100	OK
MW-19	Toluene	1	ug/L	U	1	1	OK
MW-19	Total Dissolved Solids	20	MG/L		2	10	OK
MW-19	Uranium	0.3	ug/L		2	0.3	OK
MW-19	Vanadium	15	ug/L	U	1	15	OK
MW-19	Xylenes, Total	1	ug/L	U	1	1	OK
MW-19	Zinc	10	ug/L	U	20	10	OK
MW-20	2-Butanone	20	ug/L	U	1	20	OK
MW-20	Acetone	20	ug/L	U	1	20	OK
MW-20	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-20	Arsenic	5	ug/L	U	20	5	OK
MW-20	Benzene	1	ug/L	U	1	1	OK
MW-20	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-20	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-20	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-20	Calcium	10	mg/L		10	0.5	OK
MW-20	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-20	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-20	Chloride	10	mg/L		10	1	OK
MW-20	Chloroform	1	ug/L	U	1	1	OK
MW-20	Chloromethane	1	ug/L	U	1	1	OK
MW-20	Chromium	25	ug/L	U	20	25	OK
MW-20	Cobalt	10	ug/L	U	20	10	OK
MW-20	Copper	10	ug/L	U	20	10	OK
MW-20	Fluoride	0.1	mg/L		1	0.1	OK
MW-20	Gross Radium Alpha	0.912	pCi/L	U	1	1	OK
MW-20	Iron	30	ug/L	U	5	30	OK
MW-20	Lead	1	ug/L	U	5	1	OK
MW-20	Magnesium	1	mg/L		1	0.5	OK
MW-20	Manganese	10	ug/L	U	20	10	OK
MW-20	Mercury	0.5	ug/L	U	1	0.5	OK
MW-20	Methylene chloride	1	ug/L	U	1	1	OK
MW-20	Molybdenum	10	ug/L		20	10	OK
MW-20	Naphthalene	1	ug/L	U	1	1	OK
MW-20	Nickel	20	ug/L	U	20	20	OK
MW-20	Nitrate/Nitrite (as N)	0.1	mg/L		10	0.1	OK
MW-20	Potassium	1	mg/L		1	0.5	OK
MW-20	Selenium	5	ug/L	U	20	5	OK
MW-20	Silver	10	ug/L	U	20	10	OK
MW-20	Sodium	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-20	Sulfate	1000	mg/L		1000	1	OK
MW-20	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-20	Thallium	0.5	ug/L	U	5	0.5	OK
MW-20	Tin	100	ug/L	U	20	100	OK
MW-20	Toluene	1	ug/L	U	1	1	OK
MW-20	Total Dissolved Solids	20	MG/L		2	10	OK
MW-20	Uranium	0.3	ug/L		2	0.3	OK
MW-20	Vanadium	15	ug/L	U	1	15	OK
MW-20	Xylenes, Total	1	ug/L	U	1	1	OK
MW-20	Zinc	10	ug/L	U	20	10	OK
MW-22	2-Butanone	20	ug/L	U	1	20	OK
MW-22	Acetone	20	ug/L	U	1	20	OK
MW-22	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-22	Arsenic	5	ug/L	U	20	5	OK
MW-22	Benzene	1	ug/L	U	1	1	OK
MW-22	Beryllium	0.5	ug/L		5	0.5	OK
MW-22	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-22	Cadmium	0.5	ug/L		20	0.5	OK
MW-22	Calcium	100	mg/L		100	0.5	OK
MW-22	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-22	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-22	Chloride	10	mg/L		10	1	OK
MW-22	Chloroform	1	ug/L	U	1	1	OK
MW-22	Chloromethane	1	ug/L	U	1	1	OK
MW-22	Chromium	25	ug/L	U	20	25	OK
MW-22	Cobalt	10	ug/L		20	10	OK
MW-22	Copper	10	ug/L		20	10	OK
MW-22	Fluoride	1	mg/L		10	0.1	OK
MW-22	Gross Radium Alpha	0.749	pCi/L		1	1	OK
MW-22	Iron	30	ug/L		5	30	OK
MW-22	Lead	1	ug/L		5	1	OK
MW-22	Magnesium	100	mg/L		100	0.5	OK
MW-22	Manganese	500	ug/L		1000	10	OK
MW-22	Mercury	0.5	ug/L	U	1	0.5	OK
MW-22	Methylene chloride	1	ug/L	U	1	1	OK
MW-22	Molybdenum	10	ug/L		20	10	OK
MW-22	Naphthalene	1	ug/L	U	1	1	OK
MW-22	Nickel	20	ug/L		20	20	OK
MW-22	Nitrate/Nitrite (as N)	1	mg/L		10	0.1	OK
MW-22	Potassium	1	mg/L		1	0.5	OK
MW-22	Selenium	5	ug/L		20	5	OK
MW-22	Silver	10	ug/L	U	20	10	OK
MW-22	Sodium	100	mg/L		100	0.5	OK
MW-22	Sulfate	1000	mg/L		1000	1	OK
MW-22	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-22	Thallium	0.5	ug/L		5	0.5	OK
MW-22	Tin	100	ug/L	U	20	100	OK
MW-22	Toluene	1	ug/L	U	1	1	OK
MW-22	Total Dissolved Solids	100	MG/L		10	10	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-22	Uranium	0.3	ug/L		2	0.3	OK
MW-22	Vanadium	15	ug/L	U	1	15	OK
MW-22	Xylenes, Total	1	ug/L	U	1	1	OK
MW-22	Zinc	10	ug/L		20	10	OK
MW-23	2-Butanone	20	ug/L	U	1	20	OK
MW-23	Acetone	20	ug/L	U	1	20	OK
MW-23	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-23	Arsenic	5	ug/L	U	20	5	OK
MW-23	Benzene	1	ug/L	U	1	1	OK
MW-23	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-23	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-23	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-23	Calcium	100	mg/L		100	0.5	OK
MW-23	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-23	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-23	Chloride	1	mg/L		1	1	OK
MW-23	Chloroform	1	ug/L	U	1	1	OK
MW-23	Chloromethane	1	ug/L	U	1	1	OK
MW-23	Chromium	25	ug/L	U	20	25	OK
MW-23	Cobalt	10	ug/L	U	20	10	OK
MW-23	Copper	10	ug/L	U	20	10	OK
MW-23	Fluoride	0.1	mg/L		1	0.1	OK
MW-23	Gross Radium Alpha	0.513	pCi/L	U	1	1	OK
MW-23	Iron	30	ug/L	U	5	30	OK
MW-23	Lead	1	ug/L	U	5	1	OK
MW-23	Magnesium	10	mg/L		10	0.5	OK
MW-23	Manganese	10	ug/L		20	10	OK
MW-23	Mercury	0.5	ug/L	U	1	0.5	OK
MW-23	Methylene chloride	1	ug/L	U	1	1	OK
MW-23	Molybdenum	10	ug/L	U	20	10	OK
MW-23	Naphthalene	1	ug/L	U	1	1	OK
MW-23	Nickel	20	ug/L	U	20	20	OK
MW-23	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-23	Potassium	1	mg/L		1	0.5	OK
MW-23	Selenium	5	ug/L	U	20	5	OK
MW-23	Silver	10	ug/L	U	20	10	OK
MW-23	Sodium	100	mg/L		100	0.5	OK
MW-23	Sulfate	1000	mg/L		1000	1	OK
MW-23	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-23	Thallium	0.5	ug/L	U	5	0.5	OK
MW-23	Tin	100	ug/L	U	20	100	OK
MW-23	Toluene	1	ug/L	U	1	1	OK
MW-23	Total Dissolved Solids	20	MG/L		2	10	OK
MW-23	Uranium	0.3	ug/L		2	0.3	OK
MW-23	Vanadium	15	ug/L	U	1	15	OK
MW-23	Xylenes, Total	1	ug/L	U	1	1	OK
MW-23	Zinc	10	ug/L	U	20	10	OK
MW-24	2-Butanone	20	ug/L	U	1	20	OK
MW-24	Acetone	20	ug/L	U	1	20	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-24	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-24	Arsenic	5	ug/L	U	20	5	OK
MW-24	Benzene	1	ug/L	U	1	1	OK
MW-24	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-24	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-24	Cadmium	0.5	ug/L		20	0.5	OK
MW-24	Calcium	100	mg/L		100	0.5	OK
MW-24	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-24	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-24	Chloride	10	mg/L		10	1	OK
MW-24	Chloroform	1	ug/L	U	1	1	OK
MW-24	Chloromethane	1	ug/L	U	1	1	OK
MW-24	Chromium	25	ug/L	U	20	25	OK
MW-24	Cobalt	10	ug/L		20	10	OK
MW-24	Copper	10	ug/L	U	20	10	OK
MW-24	Fluoride	0.1	mg/L		1	0.1	OK
MW-24	Gross Radium Alpha	0.573	pCi/L	U	1	1	OK
MW-24	Iron	30	ug/L		5	30	OK
MW-24	Lead	1	ug/L	U	5	1	OK
MW-24	Magnesium	10	mg/L		10	0.5	OK
MW-24	Manganese	50	ug/L		100	10	OK
MW-24	Mercury	0.5	ug/L	U	1	0.5	OK
MW-24	Methylene chloride	1	ug/L	U	1	1	OK
MW-24	Molybdenum	10	ug/L	U	20	10	OK
MW-24	Naphthalene	1	ug/L	U	1	1	OK
MW-24	Nickel	20	ug/L		20	20	OK
MW-24	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-24	Potassium	1	mg/L		1	0.5	OK
MW-24	Selenium	5	ug/L	U	20	5	OK
MW-24	Silver	10	ug/L	U	20	10	OK
MW-24	Sodium	100	mg/L		100	0.5	OK
MW-24	Sulfate	1000	mg/L		1000	1	OK
MW-24	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-24	Thallium	0.5	ug/L		5	0.5	OK
MW-24	Tin	100	ug/L	U	20	100	OK
MW-24	Toluene	1	ug/L	U	1	1	OK
MW-24	Total Dissolved Solids	20	MG/L		2	10	OK
MW-24	Uranium	0.3	ug/L		2	0.3	OK
MW-24	Vanadium	15	ug/L	U	1	15	OK
MW-24	Xylenes, Total	1	ug/L	U	1	1	OK
MW-24	Zinc	10	ug/L		20	10	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
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

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-25	Calcium	10	mg/L		10	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	0.944	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	10	mg/L		10	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	10	mg/L		10	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	10	mg/L		10	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
MW-26	Chloride	10	mg/L		10	1	OK
MW-26	Chloroform	50	ug/L		50	1	OK
MW-26	Chloromethane	1	ug/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-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	0.786	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	10	mg/L		10	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)	0.1	mg/L		1	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	10	mg/L		10	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	2-Butanone	20	ug/L	U	1	20	OK
MW-27	Acetone	20	ug/L	U	1	20	OK
MW-27	Ammonia (as N)	0.05	mg/L	U	1	0.05	OK
MW-27	Arsenic	5	ug/L	U	20	5	OK
MW-27	Benzene	1	ug/L	U	1	1	OK
MW-27	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-27	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-27	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-27	Calcium	10	mg/L		10	0.5	OK
MW-27	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-27	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-27	Chloride	10	mg/L		10	1	OK
MW-27	Chloroform	1	ug/L	U	1	1	OK
MW-27	Chloromethane	1	ug/L	U	1	1	OK
MW-27	Chromium	25	ug/L	U	20	25	OK
MW-27	Cobalt	10	ug/L	U	20	10	OK
MW-27	Copper	10	ug/L	U	20	10	OK
MW-27	Fluoride	0.1	mg/L		1	0.1	OK
MW-27	Gross Radium Alpha	0.986	pCi/L	U	1	1	OK
MW-27	Iron	30	ug/L	U	5	30	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-27	Lead	1	ug/L	U	5	1	OK
MW-27	Magnesium	10	mg/L		10	0.5	OK
MW-27	Manganese	10	ug/L	U	20	10	OK
MW-27	Mercury	0.5	ug/L	U	1	0.5	OK
MW-27	Methylene chloride	1	ug/L	U	1	1	OK
MW-27	Molybdenum	10	ug/L	U	20	10	OK
MW-27	Naphthalene	1	ug/L	U	1	1	OK
MW-27	Nickel	20	ug/L	U	20	20	OK
MW-27	Nitrate/Nitrite (as N)	0.1	mg/L		10	0.1	OK
MW-27	Potassium	1	mg/L		1	0.5	OK
MW-27	Selenium	5	ug/L		20	5	OK
MW-27	Silver	10	ug/L	U	20	10	OK
MW-27	Sodium	10	mg/L		10	0.5	OK
MW-27	Sulfate	100	mg/L		100	1	OK
MW-27	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-27	Thallium	0.5	ug/L	U	5	0.5	OK
MW-27	Tin	100	ug/L	U	20	100	OK
MW-27	Toluene	1	ug/L	U	1	1	OK
MW-27	Total Dissolved Solids	20	MG/L		2	10	OK
MW-27	Uranium	0.3	ug/L		2	0.3	OK
MW-27	Vanadium	15	ug/L	U	1	15	OK
MW-27	Xylenes, Total	1	ug/L	U	1	1	OK
MW-27	Zinc	10	ug/L	U	20	10	OK
MW-28	2-Butanone	20	ug/L	U	1	20	OK
MW-28	Acetone	20	ug/L	U	1	20	OK
MW-28	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-28	Arsenic	5	ug/L		20	5	OK
MW-28	Benzene	1	ug/L	U	1	1	OK
MW-28	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-28	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-28	Cadmium	0.5	ug/L		20	0.5	OK
MW-28	Calcium	10	mg/L		10	0.5	OK
MW-28	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-28	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-28	Chloride	100	mg/L		100	1	OK
MW-28	Chloroform	1	ug/L	U	1	1	OK
MW-28	Chloromethane	1	ug/L	U	1	1	OK
MW-28	Chromium	25	ug/L	U	20	25	OK
MW-28	Cobalt	10	ug/L		20	10	OK
MW-28	Copper	10	ug/L	U	20	10	OK
MW-28	Fluoride	0.1	mg/L		1	0.1	OK
MW-28	Gross Radium Alpha	0.389	pCi/L		1	1	OK
MW-28	Iron	30	ug/L	U	5	30	OK
MW-28	Lead	1	ug/L		5	1	OK
MW-28	Magnesium	10	mg/L		10	0.5	OK
MW-28	Manganese	10	ug/L		20	10	OK
MW-28	Mercury	0.5	ug/L	U	1	0.5	OK
MW-28	Methylene chloride	1	ug/L	U	1	1	OK
MW-28	Molybdenum	10	ug/L	U	20	10	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-28	Naphthalene	1	ug/L	U	1	1	OK
MW-28	Nickel	20	ug/L		20	20	OK
MW-28	Nitrate/Nitrite (as N)	0.1	mg/L		1	0.1	OK
MW-28	Potassium	1	mg/L		1	0.5	OK
MW-28	Selenium	5	ug/L		20	5	OK
MW-28	Silver	10	ug/L	U	20	10	OK
MW-28	Sodium	10	mg/L		10	0.5	OK
MW-28	Sulfate	1000	mg/L		1000	1	OK
MW-28	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-28	Thallium	0.5	ug/L		5	0.5	OK
MW-28	Tin	100	ug/L	U	20	100	OK
MW-28	Toluene	1	ug/L	U	1	1	OK
MW-28	Total Dissolved Solids	20	MG/L		2	10	OK
MW-28	Uranium	0.3	ug/L		2	0.3	OK
MW-28	Vanadium	15	ug/L	U	1	15	OK
MW-28	Xylenes, Total	1	ug/L	U	1	1	OK
MW-28	Zinc	10	ug/L		20	10	OK
MW-29	2-Butanone	20	ug/L	U	1	20	OK
MW-29	Acetone	20	ug/L	U	1	20	OK
MW-29	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-29	Arsenic	5	ug/L	U	20	5	OK
MW-29	Benzene	1	ug/L	U	1	1	OK
MW-29	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-29	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-29	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-29	Calcium	100	mg/L		100	0.5	OK
MW-29	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-29	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-29	Chloride	10	mg/L		10	1	OK
MW-29	Chloroform	1	ug/L	U	1	1	OK
MW-29	Chloromethane	1	ug/L	U	1	1	OK
MW-29	Chromium	25	ug/L	U	20	25	OK
MW-29	Cobalt	10	ug/L	U	20	10	OK
MW-29	Copper	10	ug/L	U	20	10	OK
MW-29	Fluoride	0.1	mg/L		1	0.1	OK
MW-29	Gross Radium Alpha	0.638	pCi/L	U	1	1	OK
MW-29	Iron	120	ug/L		20	30	OK
MW-29	Lead	1	ug/L	U	5	1	OK
MW-29	Magnesium	100	mg/L		100	0.5	OK
MW-29	Manganese	50	ug/L		100	10	OK
MW-29	Mercury	0.5	ug/L	U	1	0.5	OK
MW-29	Methylene chloride	1	ug/L	U	1	1	OK
MW-29	Molybdenum	10	ug/L	U	20	10	OK
MW-29	Naphthalene	1	ug/L	U	1	1	OK
MW-29	Nickel	20	ug/L	U	20	20	OK
MW-29	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-29	Potassium	1	mg/L		1	0.5	OK
MW-29	Selenium	5	ug/L	U	20	5	OK
MW-29	Silver	10	ug/L	U	20	10	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-29	Sodium	100	mg/L		100	0.5	OK
MW-29	Sulfate	1000	mg/L		1000	1	OK
MW-29	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-29	Thallium	0.5	ug/L	U	5	0.5	OK
MW-29	Tin	100	ug/L	U	20	100	OK
MW-29	Toluene	1	ug/L	U	1	1	OK
MW-29	Total Dissolved Solids	20	MG/L		2	10	OK
MW-29	Uranium	0.3	ug/L		2	0.3	OK
MW-29	Vanadium	15	ug/L	U	1	15	OK
MW-29	Xylenes, Total	1	ug/L	U	1	1	OK
MW-29	Zinc	10	ug/L		20	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
MW-30	Cadmium	0.5	ug/L	U	20	0.5	OK
MW-30	Calcium	10	mg/L		10	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	0.774	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	10	mg/L		10	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)	0.1	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	10	mg/L		10	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

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
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	10	mg/L		10	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
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	0.757	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	10	mg/L		10	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)	0.1	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	10	mg/L		10	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	2-Butanone	20	ug/L	U	1	20	OK

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-32	Acetone	20	ug/L	U	1	20	OK
MW-32	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-32	Arsenic	5	ug/L	U	20	5	OK
MW-32	Benzene	1	ug/L	U	1	1	OK
MW-32	Beryllium	0.5	ug/L	U	5	0.5	OK
MW-32	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-32	Cadmium	0.5	ug/L		20	0.5	OK
MW-32	Calcium	50	mg/L		50	0.5	OK
MW-32	Carbon tetrachloride	1	ug/L	U	1	1	OK
MW-32	Carbonate (as CaCO3)	1	mg/L	U	1	1	OK
MW-32	Chloride	10	mg/L		10	1	OK
MW-32	Chloroform	1	ug/L	U	1	1	OK
MW-32	Chloromethane	1	ug/L	U	1	1	OK
MW-32	Chromium	25	ug/L	U	20	25	OK
MW-32	Cobalt	10	ug/L		20	10	OK
MW-32	Copper	10	ug/L	U	20	10	OK
MW-32	Fluoride	0.1	mg/L		1	0.1	OK
MW-32	Iron	600	ug/L		100	30	OK
MW-32	Lead	1	ug/L	U	5	1	OK
MW-32	Magnesium	50	mg/L		50	0.5	OK
MW-32	Manganese	50	ug/L		100	10	OK
MW-32	Mercury	0.5	ug/L	U	1	0.5	OK
MW-32	Methylene chloride	1	ug/L	U	1	1	OK
MW-32	Molybdenum	10	ug/L	U	20	10	OK
MW-32	Naphthalene	1	ug/L	U	1	1	OK
MW-32	Nickel	20	ug/L		20	20	OK
MW-32	Nitrate/Nitrite (as N)	0.1	mg/L	U	1	0.1	OK
MW-32	Potassium	1	mg/L		1	0.5	OK
MW-32	Selenium	5	ug/L	U	20	5	OK
MW-32	Silver	10	ug/L	U	20	10	OK
MW-32	Sodium	50	mg/L		50	0.5	OK
MW-32	Sulfate	1000	mg/L		1000	1	OK
MW-32	Tetrahydrofuran	1	ug/L	U	1	1	OK
MW-32	Thallium	0.5	ug/L	U	5	0.5	OK
MW-32	Tin	100	ug/L	U	20	100	OK
MW-32	Toluene	1	ug/L	U	1	1	OK
MW-32	Total Dissolved Solids	20	MG/L		2	10	OK
MW-32	Uranium	0.3	ug/L		2	0.3	OK
MW-32	Vanadium	15	ug/L	U	1	15	OK
MW-32	Xylenes, Total	1	ug/L	U	1	1	OK
MW-32	Zinc	10	ug/L		20	10	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

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
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
MW-35	Gross Radium Alpha	0.557	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	U	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	50	mg/L		50	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

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
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	Iron	30	ug/L	U	5	30	OK
MW-36	Lead	1	ug/L	U	5	1	OK
MW-36	Magnesium	50	mg/L		50	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
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	U	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	50	mg/L		50	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		20	0.5	OK
MW-37	Calcium	10	mg/L		10	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	0.885	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

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-37	Magnesium	10	mg/L		10	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)	0.01	mg/L		1	0.1	OK
MW-37	Potassium	1	mg/L		1	0.5	OK
MW-37	Selenium	5	ug/L		20	5	OK
MW-37	Silver	10	ug/L	U	20	10	OK
MW-37	Sodium	10	mg/L		10	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		20	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	U	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	0.912	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

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
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
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		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		5	0.5	OK
MW-70	Bicarbonate (as CaCO3)	1	mg/L		1	1	OK
MW-70	Cadmium	0.5	ug/L		20	0.5	OK
MW-70	Calcium	100	mg/L		100	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		20	10	OK
MW-70	Copper	10	ug/L		20	10	OK
MW-70	Fluoride	1	mg/L		10	0.1	OK
MW-70	Gross Radium Alpha	0.61	pCi/L		1	1	OK
MW-70	Iron	30	ug/L		5	30	OK
MW-70	Lead	1	ug/L		5	1	OK
MW-70	Magnesium	100	mg/L		100	0.5	OK
MW-70	Manganese	500	ug/L		1000	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		20	10	OK
MW-70	Naphthalene	1	ug/L	U	1	1	OK
MW-70	Nickel	20	ug/L		20	20	OK
MW-70	Nitrate/Nitrite (as N)	1	mg/L		10	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

G-5A Quarterly Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
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	50	MG/L		5	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
MW-70	Zinc	10	ug/L		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	Chloroform	1	ug/L	U	1	1	OK
Trip Blank	Methylene chloride	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		5	10	OK
MW-11	Manganese	10	ug/L		20	10	OK
MW-25	Cadmium	0.5	ug/L		5	0.5	OK
MW-25	Uranium	0.3	ug/L		2	0.3	OK
MW-25	Chloride	10	mg/L		10	1	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	Chloride	10	mg/L		10	1	OK
MW-26	Chloroform	20	ug/L		20	1	OK
MW-26	Uranium	0.3	ug/L		2	0.3	OK
MW-26	Methylene chloride	1	ug/L		1	1	OK
MW-26	Nitrate/Nitrite (as N)	1	mg/L		10	0.1	OK
MW-26	Chloride	10	mg/L		10	1	OK
MW-26	Chloroform	100	ug/L		100	1	OK
MW-26	Uranium	0.3	ug/L		2	0.3	OK
MW-26	Methylene chloride	1	ug/L		1	1	OK
MW-26	Nitrate/Nitrite (as N)	0.1	mg/L		10	0.1	OK
MW-30	Chloride	100	mg/L		100	1	OK
MW-30	Uranium	0.3	ug/L		2	0.3	OK
MW-30	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-30	Selenium	5	ug/L		5	5	OK
MW-30	Nitrate/Nitrite (as N)	10	mg/L		100	0.1	OK
MW-30	Chloride	100	mg/L		100	1	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	Selenium	5	ug/L		20	5	OK
MW-30	Nitrate/Nitrite (as N)	0.1	mg/L		10	0.1	OK
MW-31	Sulfate	100	mg/L		100	1	OK
MW-31	Chloride	100	mg/L		100	1	OK
MW-31	Selenium	5	ug/L		5	5	OK
MW-31	Nitrate/Nitrite (as N)	10	mg/L		100	0.1	OK
MW-31	Total Dissolved Solids	20	MG/L		2	10	OK
MW-31	Sulfate	100	mg/L		100	1	OK
MW-31	Chloride	100	mg/L		100	1	OK
MW-31	Selenium	5	ug/L		20	5	OK
MW-31	Nitrate/Nitrite (as N)	0.2	mg/L		20	0.1	OK
MW-31	Total Dissolved Solids	20	MG/L		2	10	OK
MW-35	Manganese	10	ug/L		5	10	OK
MW-35	Thallium	0.5	ug/L		5	0.5	OK
MW-35	Uranium	0.3	ug/L		2	0.3	OK
MW-35	Selenium	5	ug/L		5	5	OK
MW-35	Gross Radium Alpha	1	pCi/L		1	1	OK
MW-35	Manganese	10	ug/L		20	10	OK
MW-35	Thallium	0.5	ug/L	U	5	0.5	OK
MW-35	Uranium	0.3	ug/L		2	0.3	OK

G-5B Accelerated Sample Reporting Limit Check

Location	Analyte	Lab Reporting Limit	Units	Qualifier	Dilution Factor	Required Reporting Limit	RL Check
MW-35	Selenium	5	ug/L		20	5	OK
MW-35	Gross Radium Alpha	1	pCi/L		1	1	OK
MW-65	Chloride	100	mg/L		100	1	OK
MW-65	Uranium	0.3	ug/L		2	0.3	OK
MW-65	Ammonia (as N)	0.05	mg/L		1	0.05	OK
MW-65	Selenium	5	ug/L		5	5	OK
MW-65	Nitrate/Nitrite (as N)	10	mg/L		100	0.1	OK
MW-65	Manganese	10	ug/L		20	10	OK
MW-65	Thallium	0.5	ug/L	U	5	0.5	OK
MW-65	Uranium	0.3	ug/L		2	0.3	OK
MW-65	Selenium	5	ug/L		20	5	OK
MW-65	Gross Radium Alpha	1	pCi/L		1	1	OK

G-6A: Trip Blank Evaluation

All trip blanks for the Quarter were non detect.

Blank	Sample Date	Laboratory
AWAL 1511092	11/3/2015	American West Analytical Laboratories
AWAL 1511245	11/9/2015	American West Analytical Laboratories
AWAL 1511403	11/16/2015	American West Analytical Laboratories
AWAL 1512251	12/9/2015	American West Analytical Laboratories

G-6B: Trip Blank Evaluation

All trip blanks for the Accelerated samples were non detect.

Blank	Sample Date	Laboratory
AWAL 1510198	10/7/2015	American West Analytical Laboratories
AWAL 1512253	12/8/2015	American West Analytical Laboratories

G-7A: QA/QC Evaluation for Routine Sample Duplicates

Constituent	MW-35 11/3/2015	MW-65 11/3/2015	%RPD
Ammonia (as N) (mg/L)	0.0986	ND	NC
Bicarbonate as HCO3 (mg/L)	343	336	2.06
Calcium (mg/L)	521	503	3.52
Chloride (mg/L)	62.1	62.2	0.16
Fluoride (mg/L)	0.313	0.317	1.27
Iron (mg/L)	0.0904	0.0797	12.58
Magnesium (mg/L)	157	155	1.28
Manganese (mg/L)	0.210	0.203	3.39
Potassium (mg/L)	11.4	11.3	0.88
Selenium (mg/L)	0.00996	0.0105	5.28
Sodium (mg/L)	378	367	2.95
Sulfate (mg/L)	2250	2160	4.08
TDS (mg/L)	3590	3490	2.82
Uranium (mg/L)	0.0227	0.0231	1.75
Radiologic Duplicate Tests			
Gross Alpha minus Rn & U*	4.47	5.60	1.526
Gross Alpha minus Rn & U Precision (±)	0.408	0.618	

* 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-22 11/17/15	MW-70 11/17/15	%RPD
Ammonia (as N) (mg/L)	1.23	1.1600	5.86
Beryllium (mg/L)	0.0145	0.015	3.39
Bicarbonate as CaCO3	27.5	27.5	0.00
Cadmium (mg/L)	0.186	0.192	3.17
Calcium (mg/L)	435	450	3.39
Chloride (mg/L)	55.8	55	1.44
Cobalt (mg/L)	0.549	0.555	1.09
Copper (mg/L)	0.121	0.122	0.82
Fluoride (mg/L)	12.2	12.1	0.82
Iron (mg/L)	0.182	0.189	3.77
Lead (mg/L)	0.0041	0.00415	1.21
Magnesium (mg/L)	1220	1270	4.02
Manganese (mg/L)	51.7	52.4	1.34
Molybdenum (mg/L)	0.356	0.364	2.22
Nickel (mg/L)	0.32	0.323	0.93
Nitrate + Nitrite (as N) (mg/L)	2.72	2.56	6.06
Potassium (mg/L)	23.2	22.5	3.06
Selenium (mg/L)	0.0147	0.0141	4.17
Sodium (mg/L)	284	292	2.78
Sulfate (mg/L)	6570	6570	0.00
TDS (mg/L)	8700	9090	4.38
Thallium (mg/L)	0.00179	0.00181	1.11
Uranium (mg/L)	0.0266	0.0273	2.60
Zinc (mg/L)	1.56	1.56	0.00
Radiologic Duplicate Tests			
Gross Alpha minus Rn & U*	3.64	2.85	1.305
Gross Alpha minus Rn & U Precision (±)	0.457	0.397	

* 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.
RPD exceeds the QAP limit of 20%.

G-7B: QA/QC Evaluation for Accelerated Sample Duplicates

Constituent	MW-30 10/07/15	MW-65 10/07/15	%RPD*
Ammonia (as N)	0.0540	0.0639	16.79
Nitrate + Nitrite (as N) (mg/L)	19.1	18.8	1.58
Chloride (mg/L)	137.0	137	0.00
Selenium (mg/L)	0.0439	0.0415	5.62
Uranium (mg/L)	0.00810	0.00813	0.37
Constituent	**MW-35 12/14/15**	**MW-65 12/14/15**	**%RPD***
Manganese (mg/L)	0.177	0.18	1.68
Selenium (mg/L)	0.025	0.0263	5.07
Thallium (mg/L)	<0.0005	<0.0005	NC
Uranium (mg/L)	0.0218	0.0221	1.37
Radiologic RPD Tests			
Gross Alpha minus Rn & U	4.69	6.58	2.170
Gross Alpha minus Rn & U Precision (±)	0.549	0.676	

* Duplicate checks reported for gross alpha minus RN and U are not %RPD. Calculated values are based on the formula in the approved QAP.

Duplicate check exceeds the QAP limit.

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.

RPD exceeds the QAP limit of 20%.

G-8A: Radiologics Counting Error

Well	Sample Date	Gross Alpha minus Rn & U	Gross Alpha minus Rn and U Precision (+/-)	Counting Error ≤ 20%	GWCL	Within GWCL?
MW-01	11/11/2015	1.0 U	0.272	NC	3.75	NC
MW-02	11/16/2015	1.0 U	0.219	NC	3.2	NC
MW-03	11/3/2015	1.0 U	0.168	NC	1	NC
MW-03A	11/4/2015	1.0 U	0.280	NC	7.5	NC
MW-05	11/4/2015	1.0 U	0.266	NC	3.75	NC
MW-11	11/11/2015	1.0 U	0.220	NC	3.75	NC
MW-12	11/17/2015	1.0 U	0.185	NC	7.5	NC
MW-14	11/3/2015	1.0 U	0.293	NC	7.5	NC
MW-15	11/16/2015	1.0 U	0.221	NC	7.5	NC
MW-17	11/4/2015	1.0 U	0.189	NC	2.8	NC
MW-18	11/9/2015	1.32	0.360	N	7.5	Y
MW-19	11/10/2015	1.0 U	0.249	NC	2.36	NC
MW-20	12/9/2015	1.0 U	0.204	NC	-	
MW-22	11/17/2015	3.64	0.457	Y	-	
MW-23	11/18/2015	1.0 U	0.205	NC	2.86	NC
MW-24	11/18/2015	1.0 U	0.237	NC	7.5	NC
MW-25	11/11/2015	1.0 U	0.328	NC	7.5	NC
MW-26	11/11/2015	1.79	0.355	Y	4.69	Y
MW-27	11/10/2015	1.0 U	0.322	NC	2	NC
MW-28	11/10/2015	1.59	0.184	Y	2.42	Y
MW-29	11/16/2015	1.0 U	0.236	NC	2	NC
MW-30	11/11/2015	1.0 U	0.228	NC	3.75	NC
MW-31	11/9/2015	1.0 U	0.243	NC	7.5	NC
MW-32	11/3/2015	2.19	0.340	Y	3.33	Y
MW-35	11/3/2015	4.47	0.408	Y	3.75	N/A
MW-36	11/3/2015	1.17	0.267	N	-	
MW-37	12/9/2015	1.0 U	0.311	NC	-	
MW-65	11/3/2015	5.6	0.618	Y	-	
MW-70	11/17/2015	2.85	0.397	Y	-	

N/A = the counting error is less than 20% of the activity as required by the GWDP and/or 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	12/14/2015	4.69	0.549	Y	3.75	N/A
MW-65	12/14/2015	6.58	0.676	Y	3.75	N/A

N/A - the counting error is less than 20% of the activity as required by the GWDP and/or 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-9A: Laboratory Matrix QC

Matrix Spike % Recovery Comparison

Lab Report	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD	RPD Range
1511092	MW-03	Magnesium*	NC	NC	70-130	NC	20
1511092	MW-03	Silver	71.5	81.6	75 - 125	13.2	20
1511092	MW-03	Ammonia	161	161	90-110	0.371	10
1511092	MW-65 (Duplicate of MW-35)	Ammonia	160	159	90-110	0.251	10
1511092	N/A	Ammonia	140	138	90-110	1.7	10
1511092	N/A	Ammonia	137	139	90-110	1.93	10
1511092	MW-36	Nitrate/Nitrite (as N)	87.4	94.4	90-110	7.51	10
1511245	MW-18	Sodium *	NC	NC	70-130	NC	20
1511245	MW-18	Calcium*	NC	NC	70-130	NC	20
1511245	MW-18	Magnesium*	NC	NC	70-130	NC	20
1511245	MW-18	Ammonia	125	130	90-110	3.45	10
1511403	MW-02	Sodium *	NC	NC	70-130	NC	20
1511403	MW-02	Calcium*	NC	NC	70-130	NC	20
1511403	MW-02	Magnesium*	NC	NC	70-130	NC	20
1511403	MW-02	Ammonia	157	165	90-110	4.85	10
1512251	MW-37	Sodium *	NC	NC	70-130	NC	20
1512251	MW-37	Calcium*	NC	NC	70-130	NC	20
1512251	MW-37	Magnesium*	NC	NC	70-130	NC	20
1215251	MW-37	Ammonia	146	161	90-110	9.77	10
1512251	N/A	Ammonia	164	158	90-110	3.55	10

N/A = QC was not performed on an EFRI sample.
* Recovery was not calculated as the analyte level in the sample was greater than 4 times the spike amount

Method Blank Detections

Lab Report	Well/Sample	Analyte	Reported Concentration	QAP Required RL
1504208	N/A	Bicarbonate (as CaCO3)	1.0 mg/L	1.0 mg/L
1505395	N/A	Zinc	15.7 ug/L	10.0 ug/L

LCS % Recovery Comparison
All LCS recoveries were within labroatory established acceptance limits.

Laboratory Duplicate % Recovery Comparison

Lab Report	Well	Analyte	Sample Result (mg/L)	Lab Duplicate Result (mg/L)	RPD %	RPD Range %
1512251	N/A	TDS	1460	1580	7.37	5
384936	MW-65 (Duplicate of MW-35)	Gross Alpha	5.60	6.86	20.3	20

N/A = QC was not performed on an EFRI sample.

G-9B: Accelerated Laboratory Matrix QC

Matrix Spike % Recovery Comparison

Lab Report	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD %	RPD Range %
1510198 - October accelerated	MW-65 (Duplicate of MW-30)	Ammonia	142	143	90-110	0.698	10
1506524 - June Accelerated	MW-26	Nitrate+Nitrite (as N)	88	93.8	90-110	1.780	10
1512253 - December accelerated	N/A	Ammonia	146	161	90-110	9.77	10
1512253 - December accelerated	MW-30	Ammonia	164	158	90-110	3.55	10

* Recovery was not calculated as the analyte level in the sample was greater than 4 times the spike amount
N/A = QC was not performed on an EFRI sample.

Laboratory Duplicate % Recovery Comparison

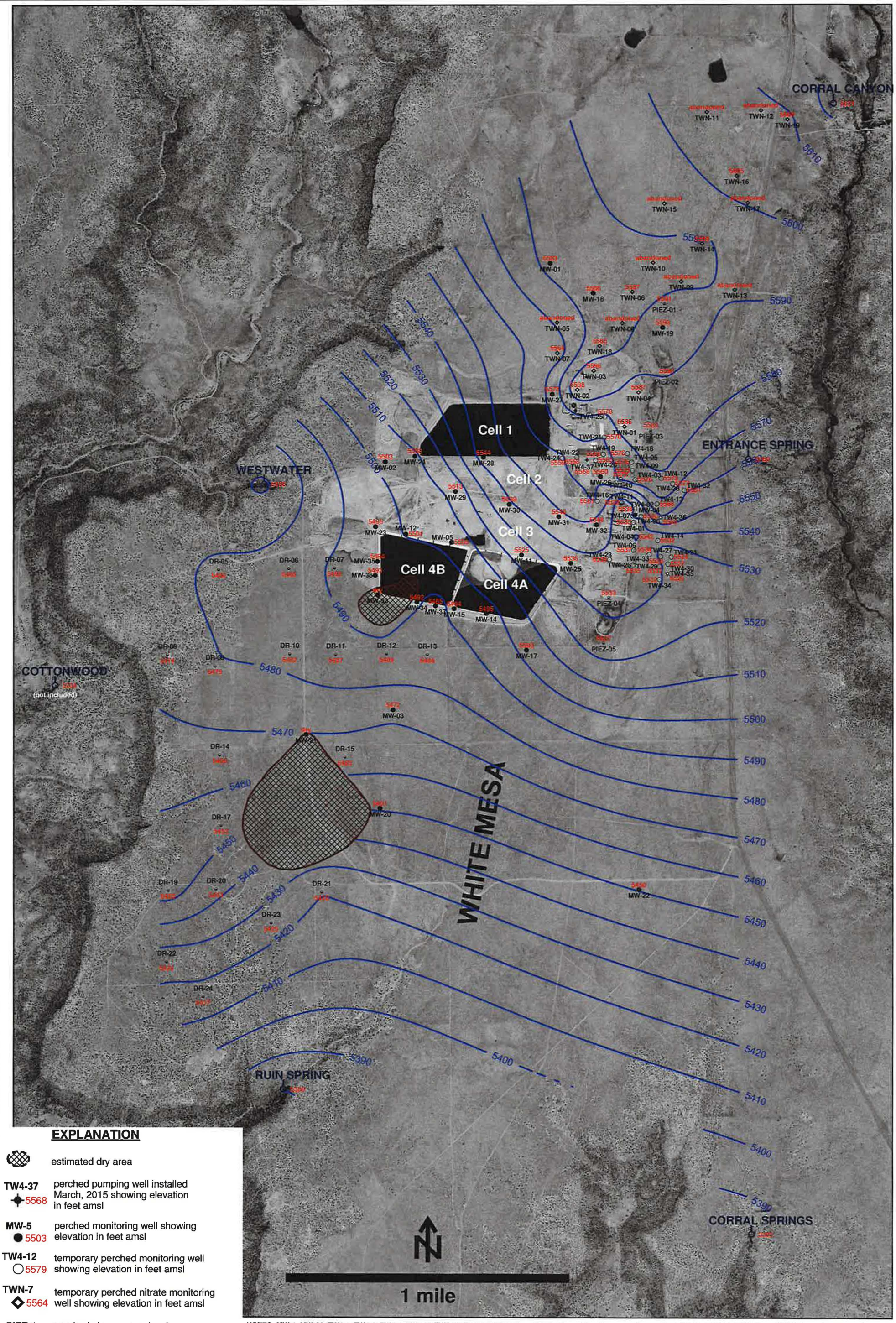
Lab Report	Well	Analyte	Sample Result (mg/L)	Lab Duplicate Result (mg/L)	RPD %	RPD Range %
382794 - October Accelerated	MW-35	Gross Radium Alpha	4.04	3.24	22.0	20
1512253 - December Accelerated	MW-31	TDS	1460	1580	7.4	5

LCS % Recovery Comparison
All LCS recoveries were within labroatory established acceptance limits.

Method Blank Results
The method blanks were non-detect.

Tab H

Kriged Current Quarterly Groundwater Contour Map



EXPLANATION

- estimated dry area
- **TW4-37** ✦5568 — perched pumping 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** ◆5564 — 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

NOTES: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-11,TW4-19, TW4-20, TW4-21 and TW4-37 are chloroform pumping wells; TW4-22, TW4-24, TW4-25, and TWN-2 are nitrate pumping wells
TW4-11 water level is below the base of the Burro Canyon Formation

HYDRO GEO CHEM, INC.

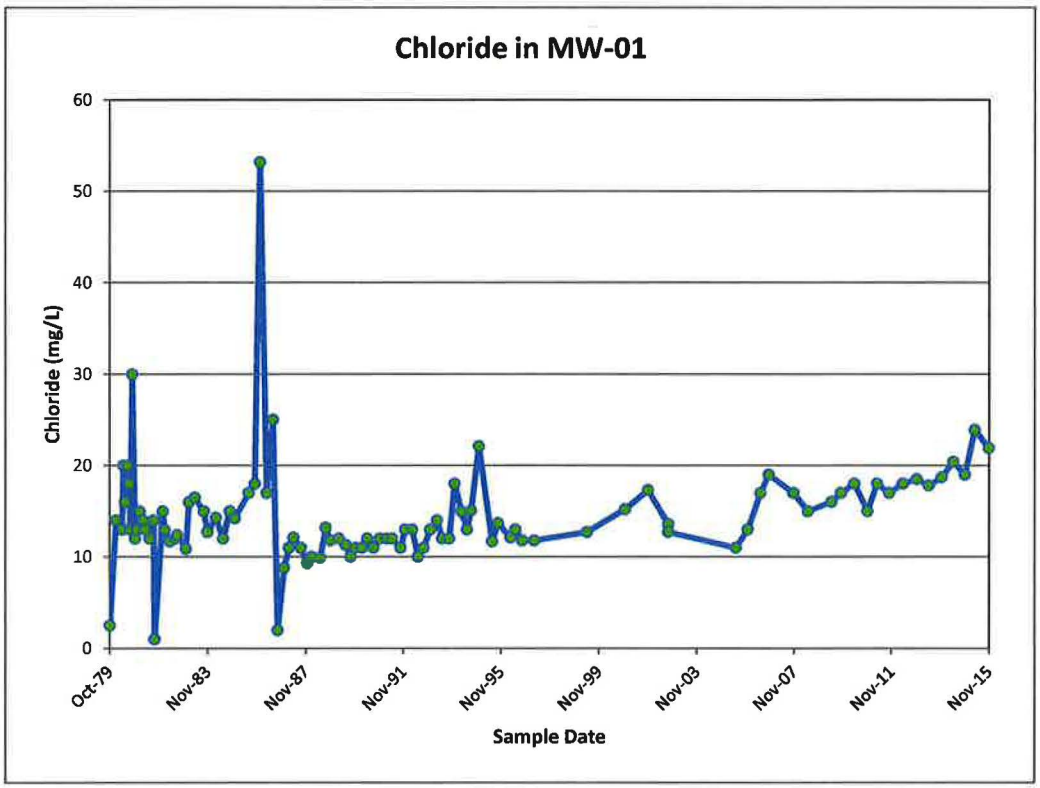
KRIGED 4th QUARTER, 2015 WATER LEVELS WHITE MESA SITE

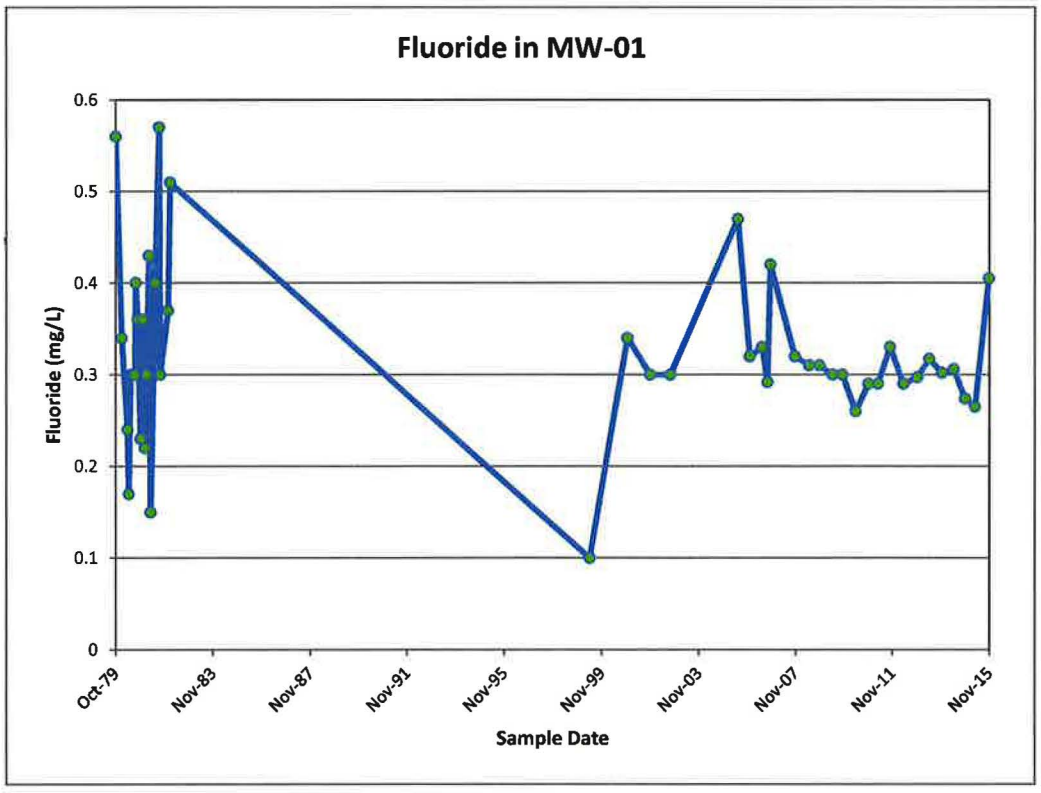
APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/feb16/WL/Uwl1215.srf	H-1

Tab I

Groundwater Time Concentration Plots

Time concentration plots for MW-01

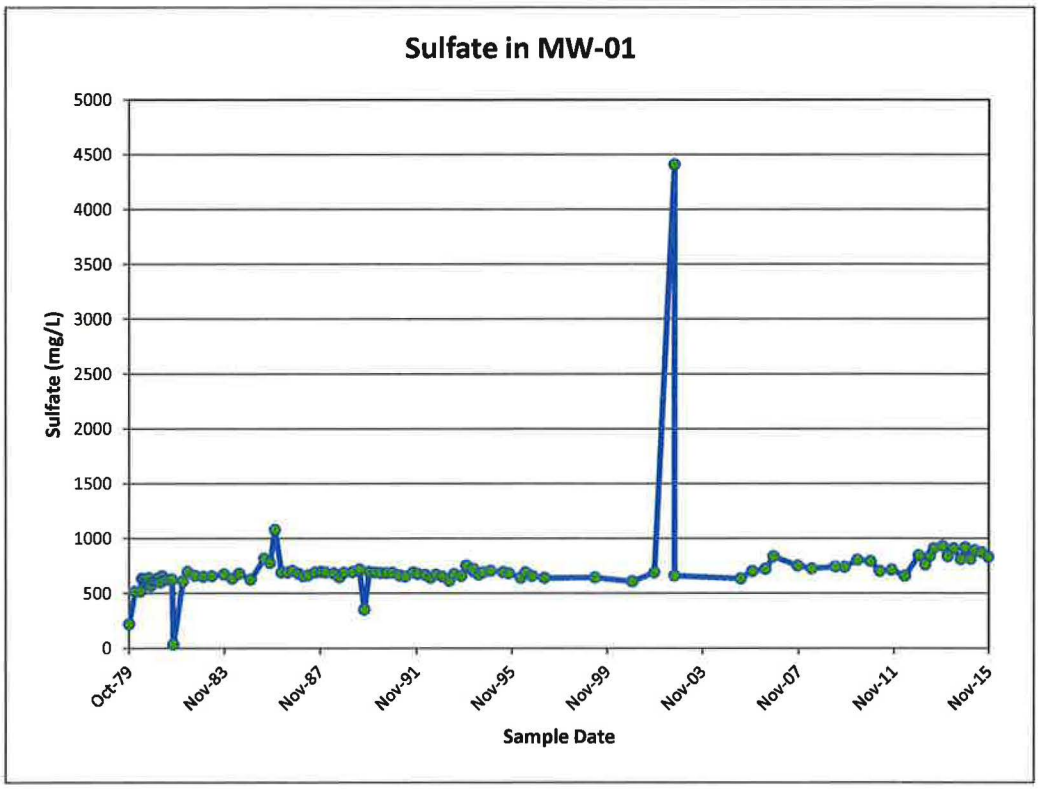


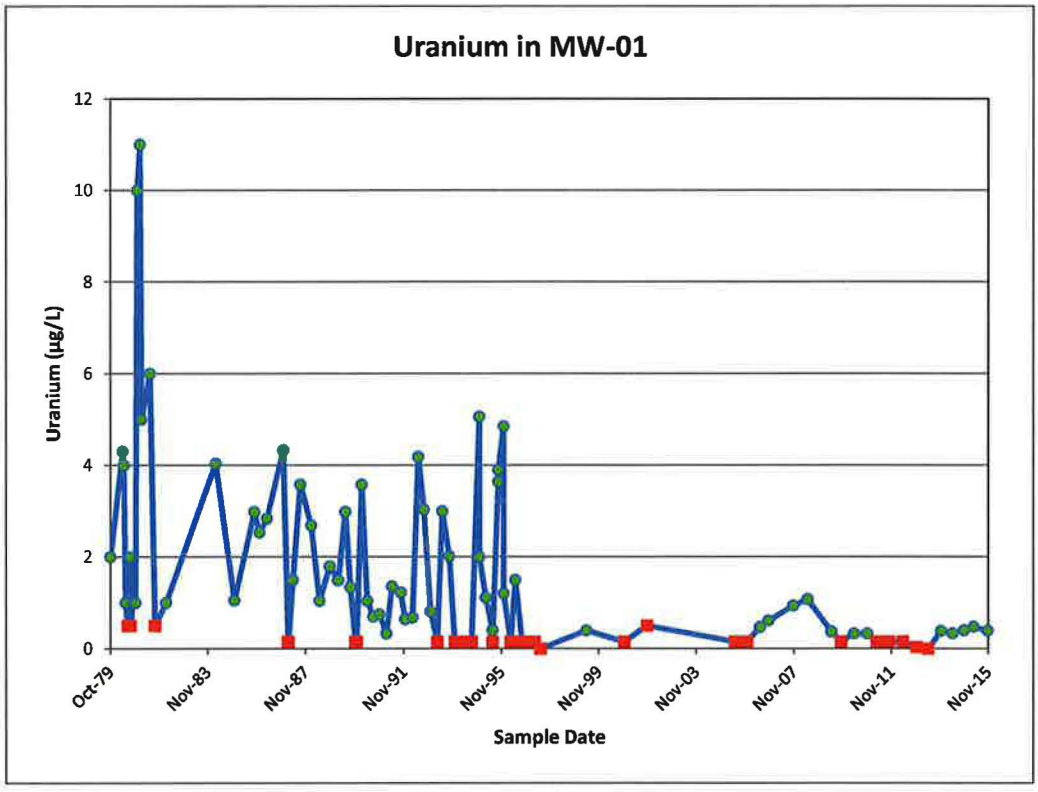


Detected Values

Non-Detected Values

Time concentration plots for MW-01



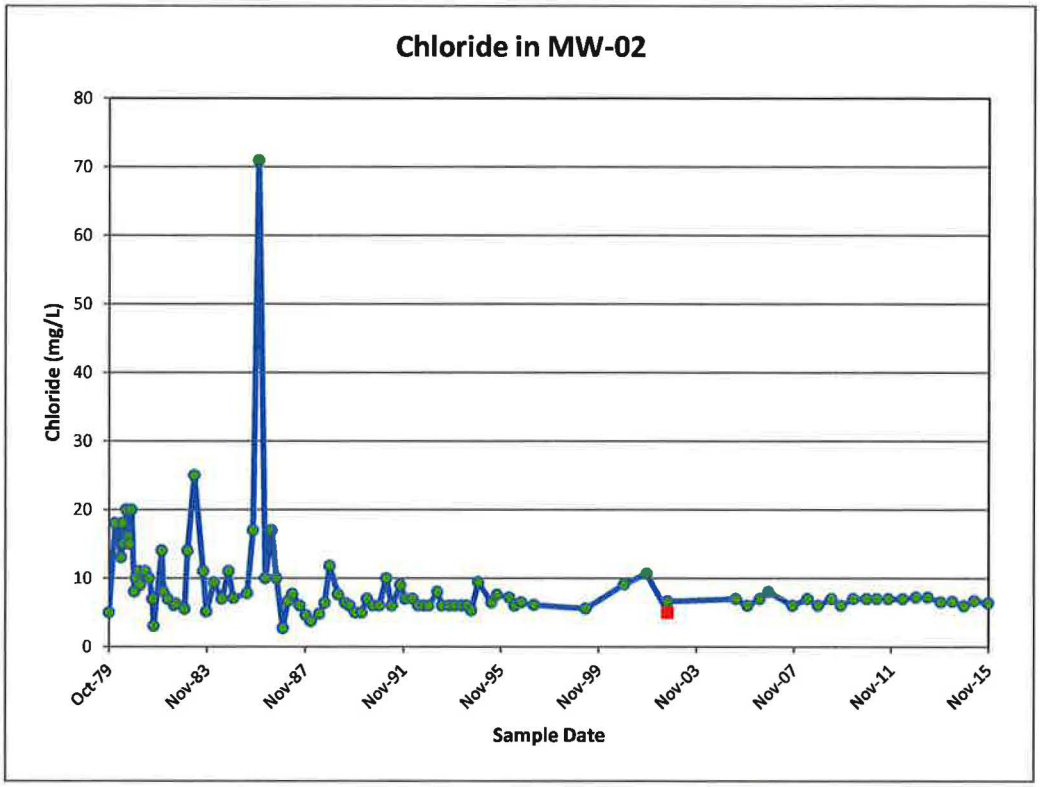


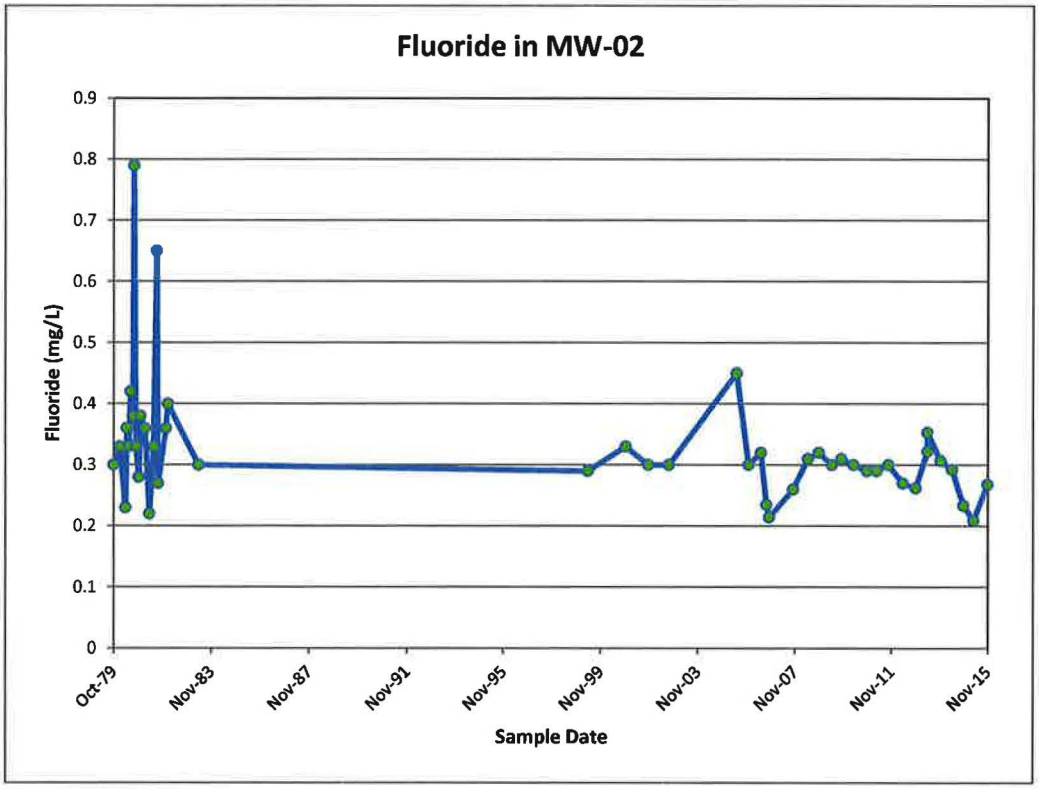
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-02



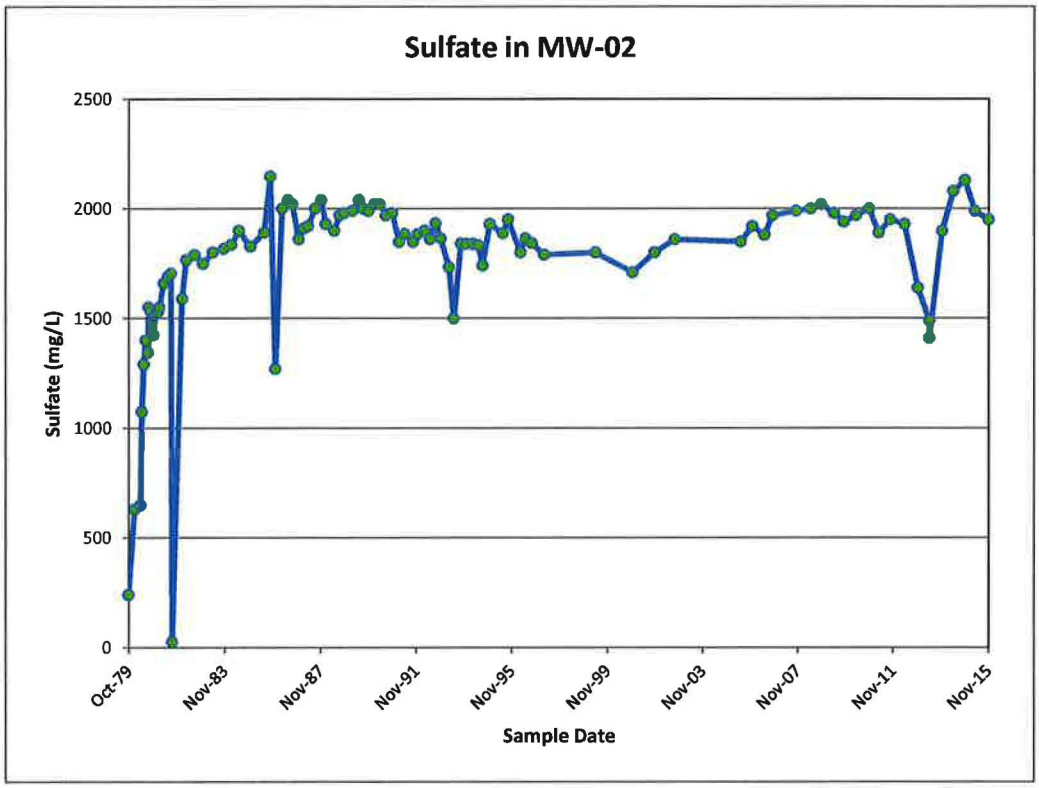


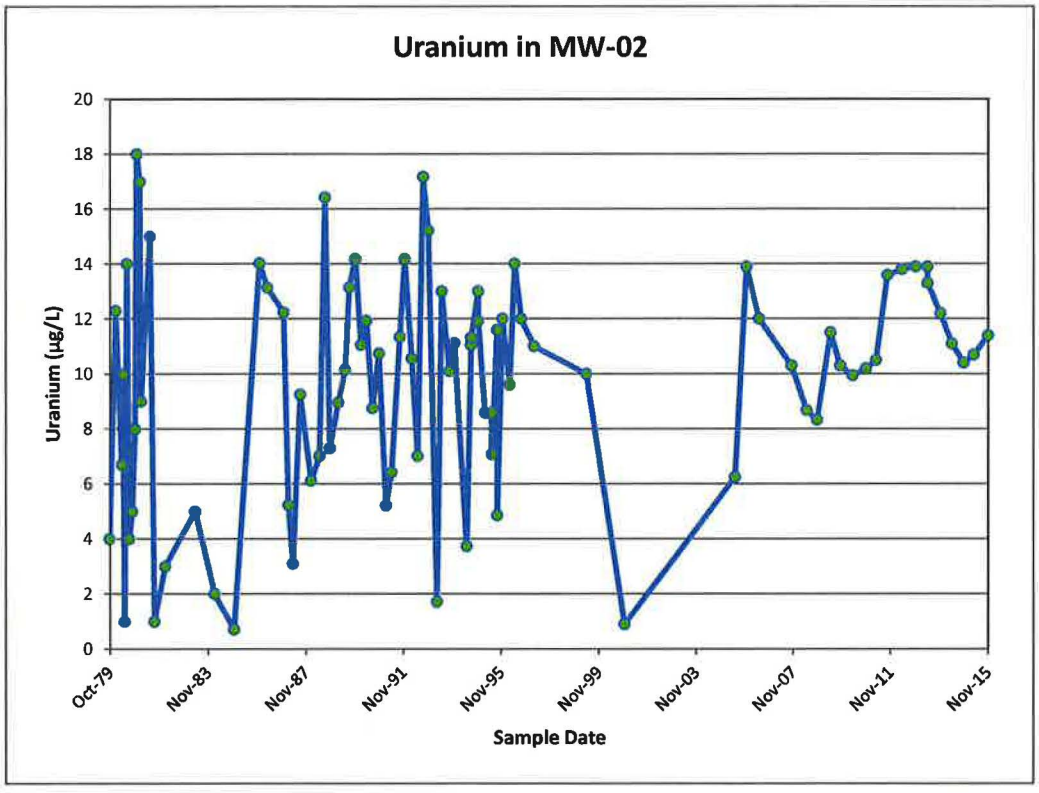
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-02



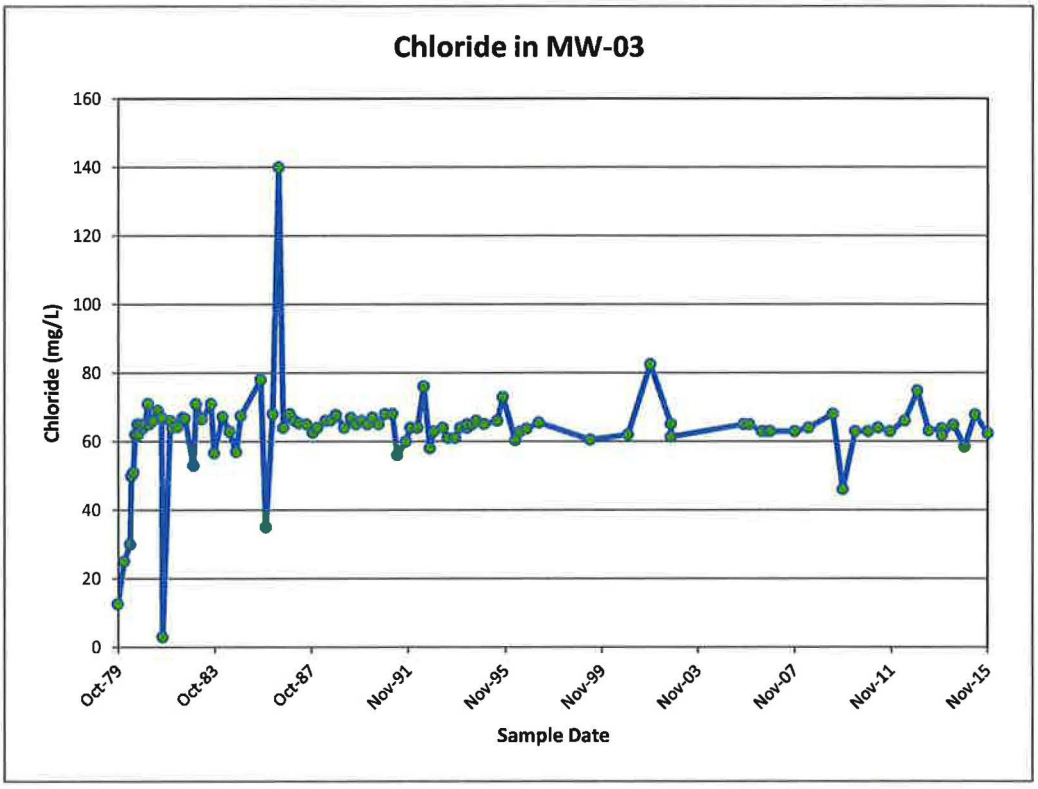


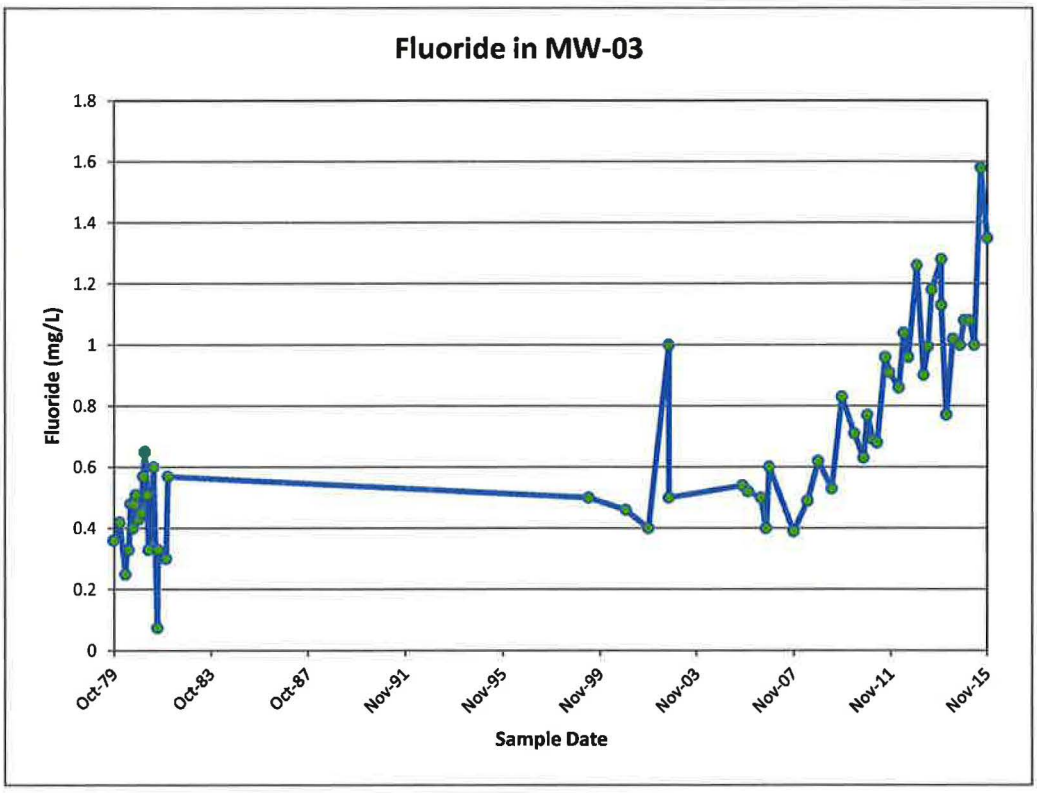
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-03





Detected Values

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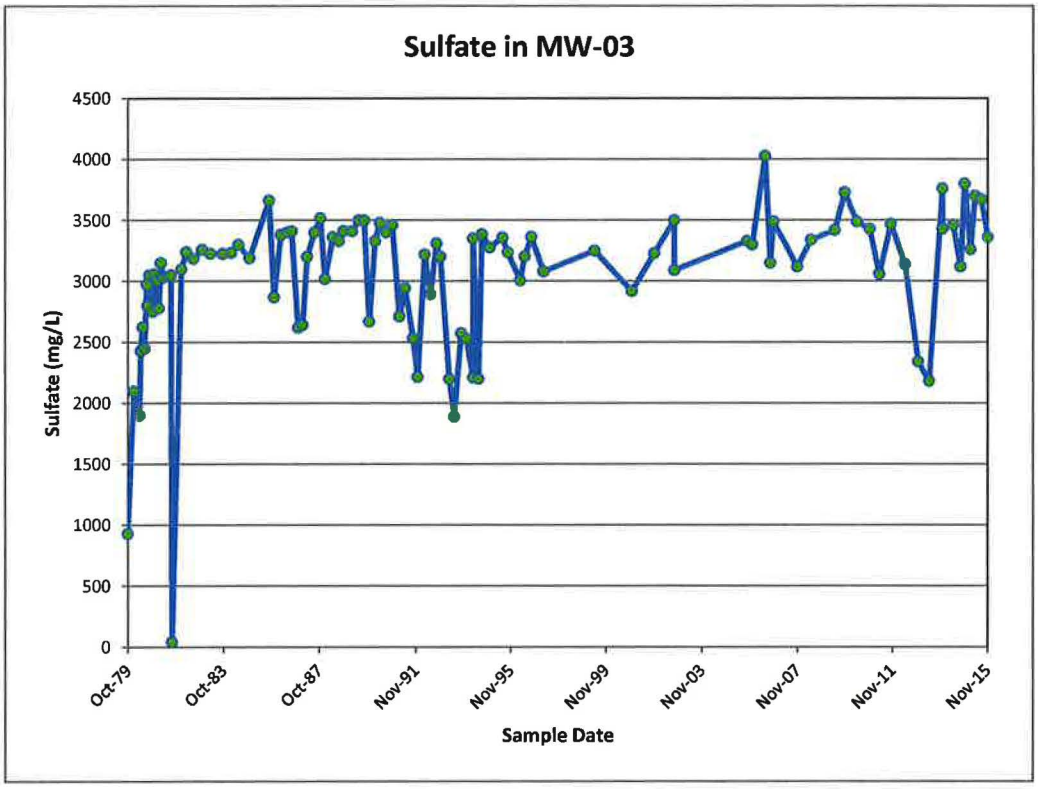
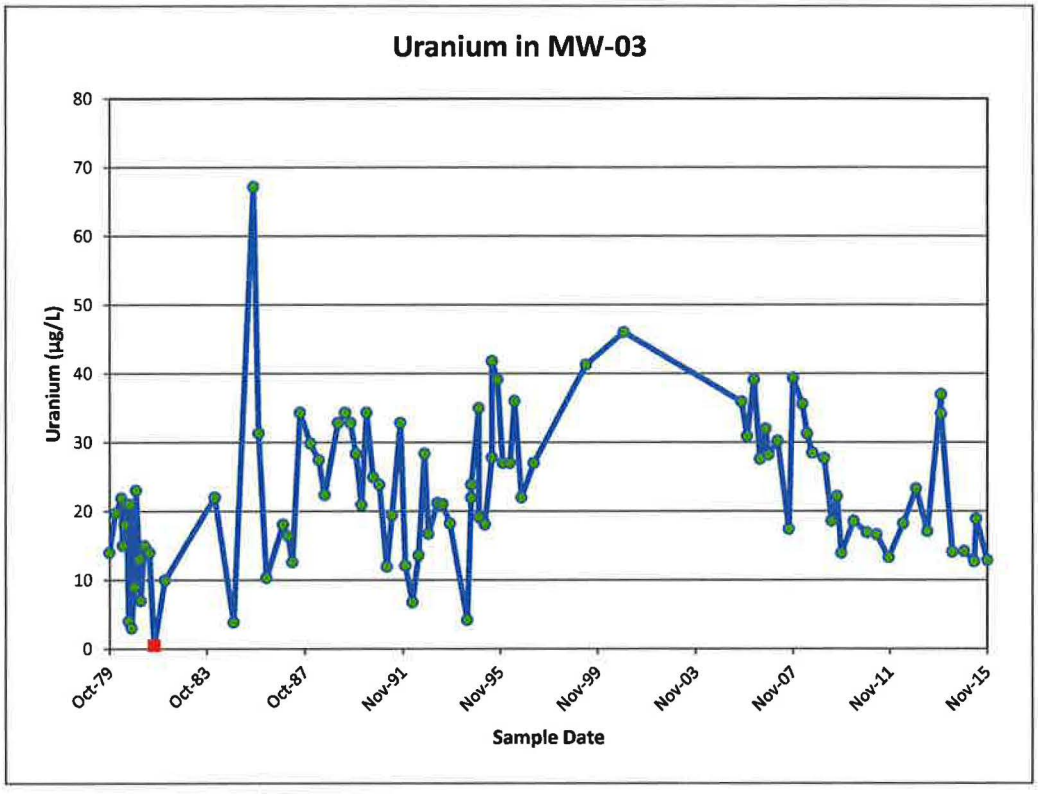
Time concentration plots for MW-03

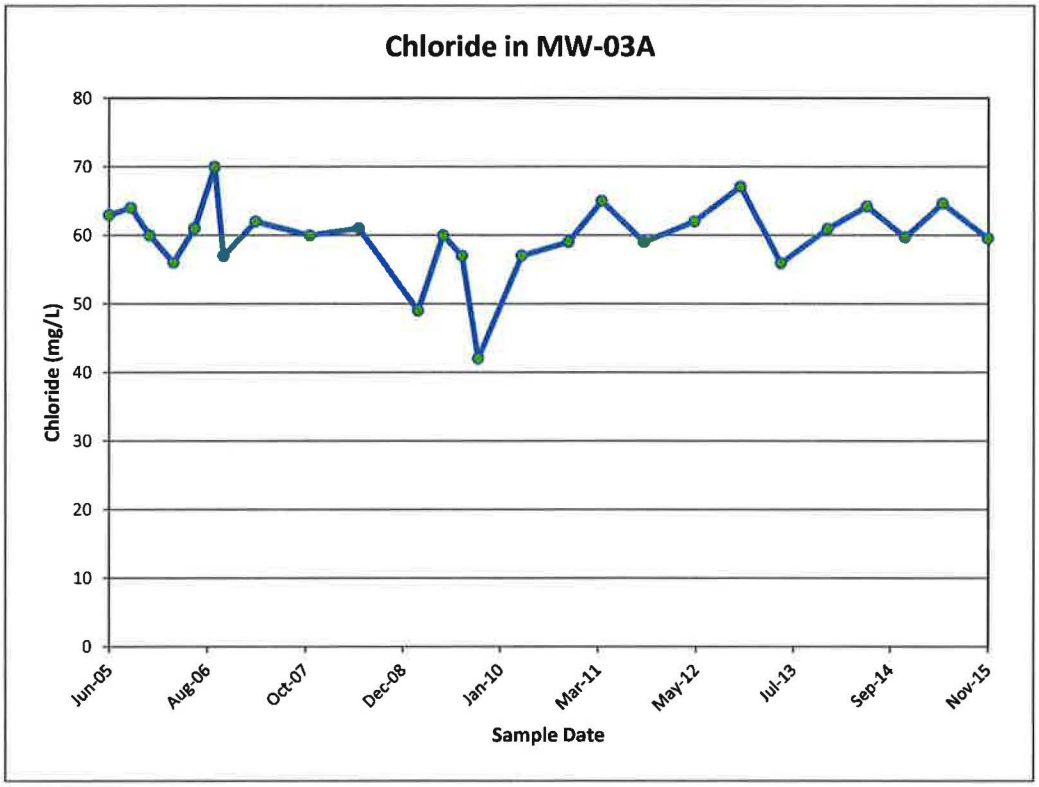


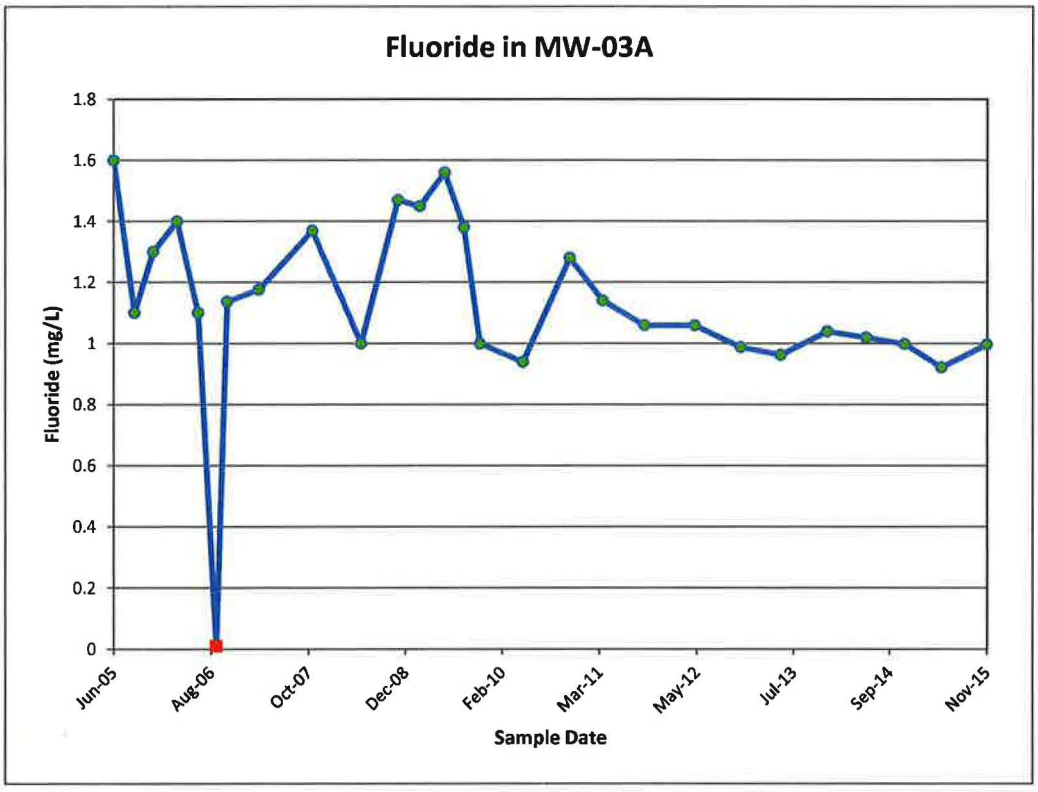


Detected Values

Non-Detected Values

Time concentration plots for MW-03A





Detected Values

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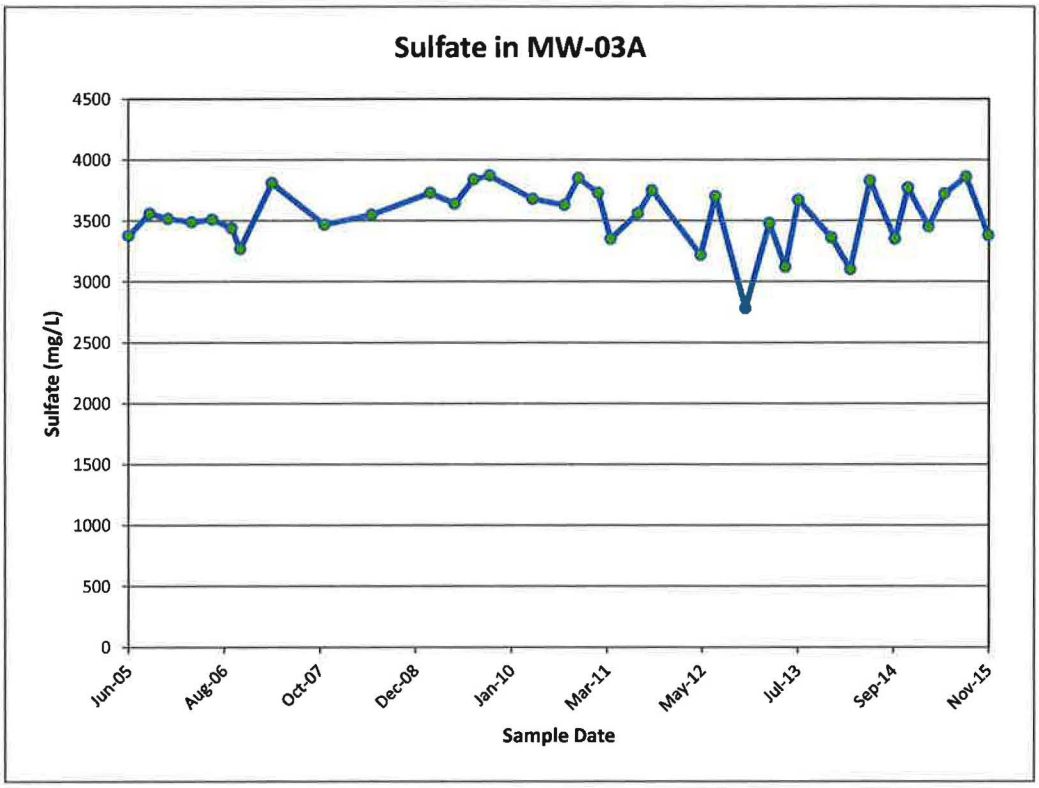
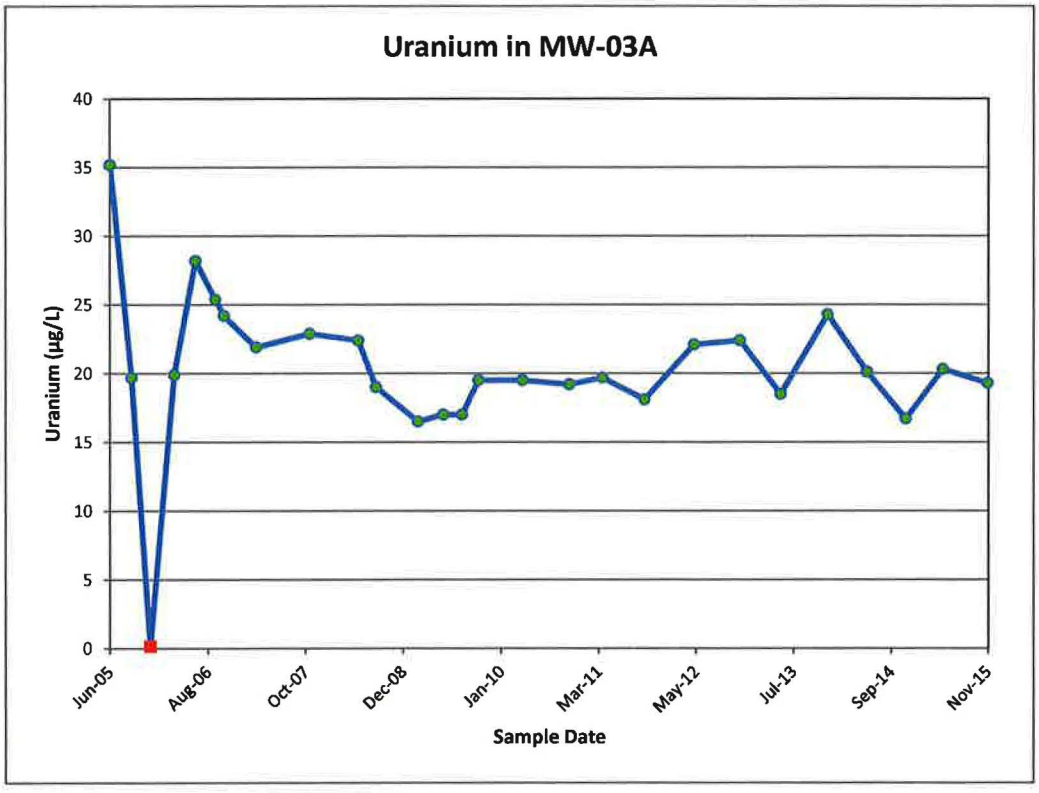
Time concentration plots for MW-03A



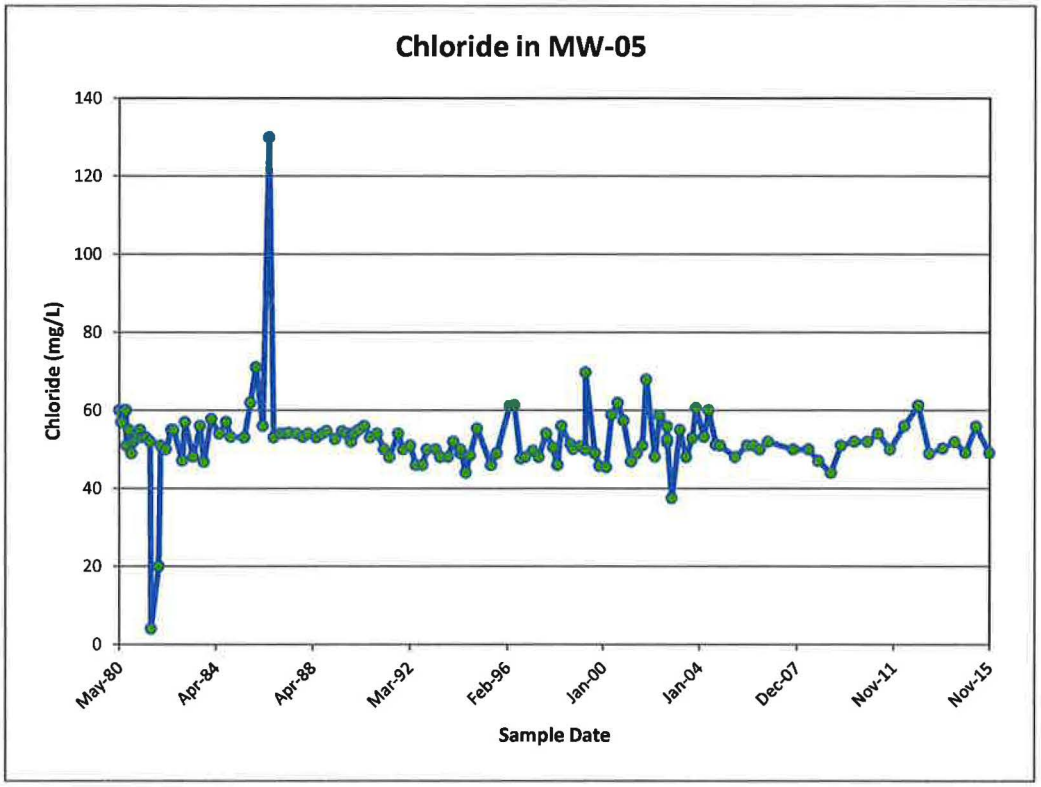


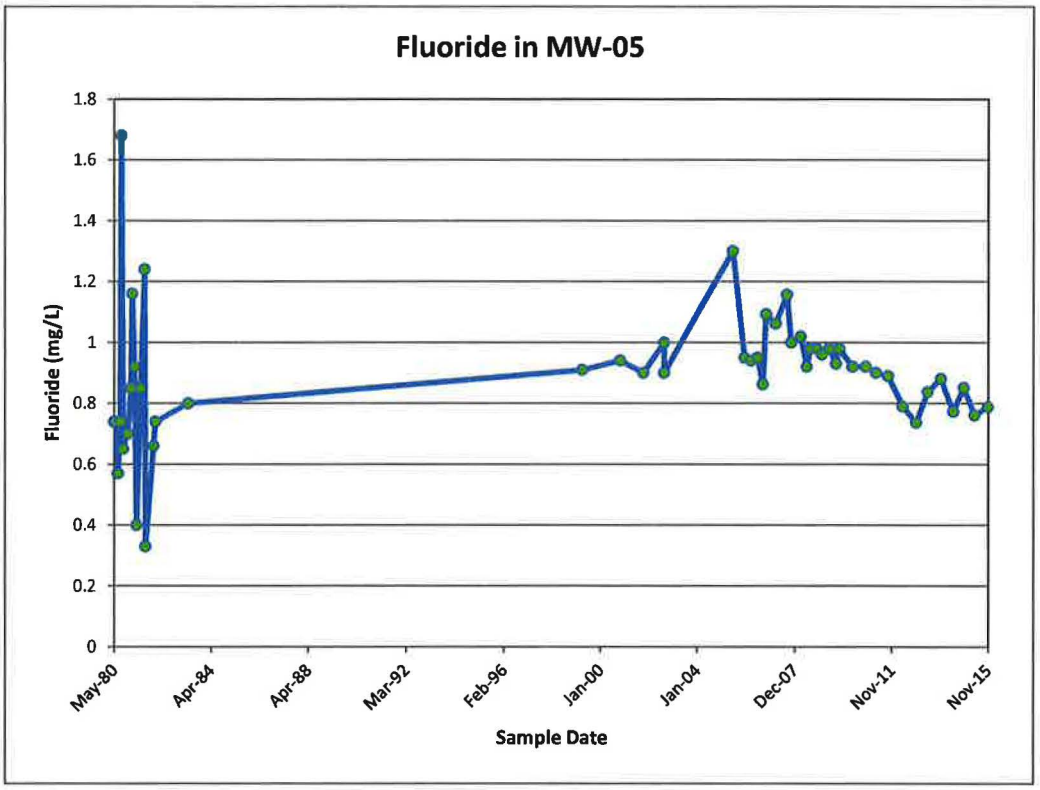
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-05

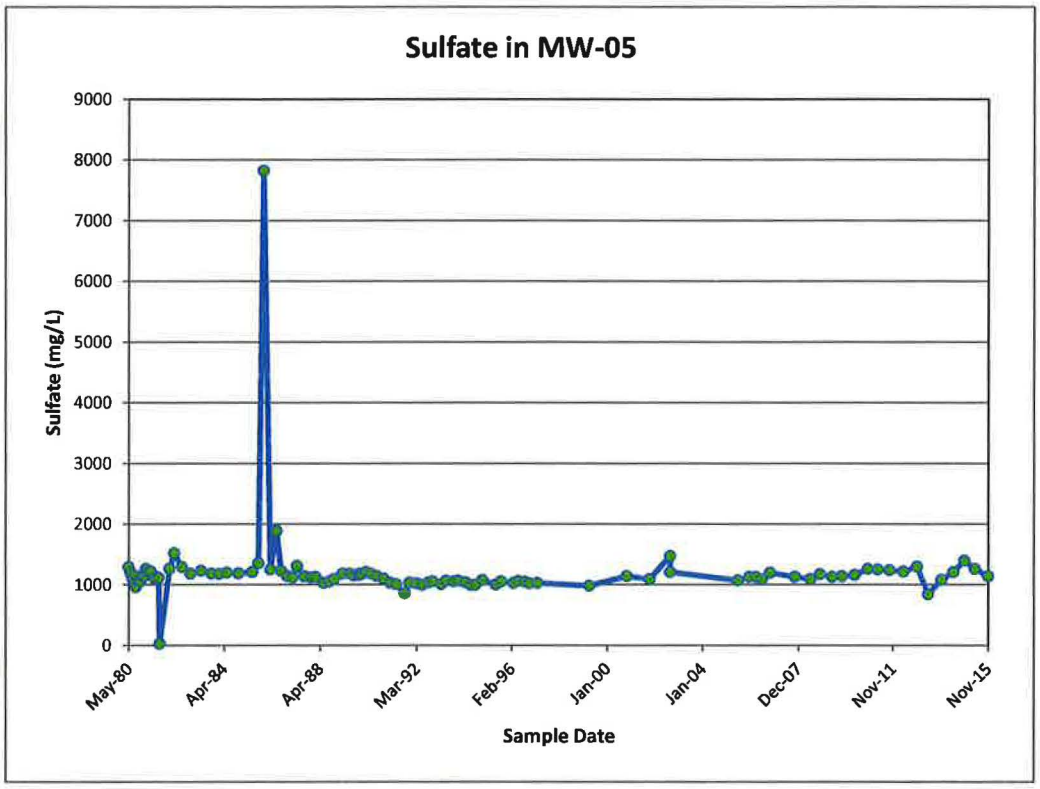


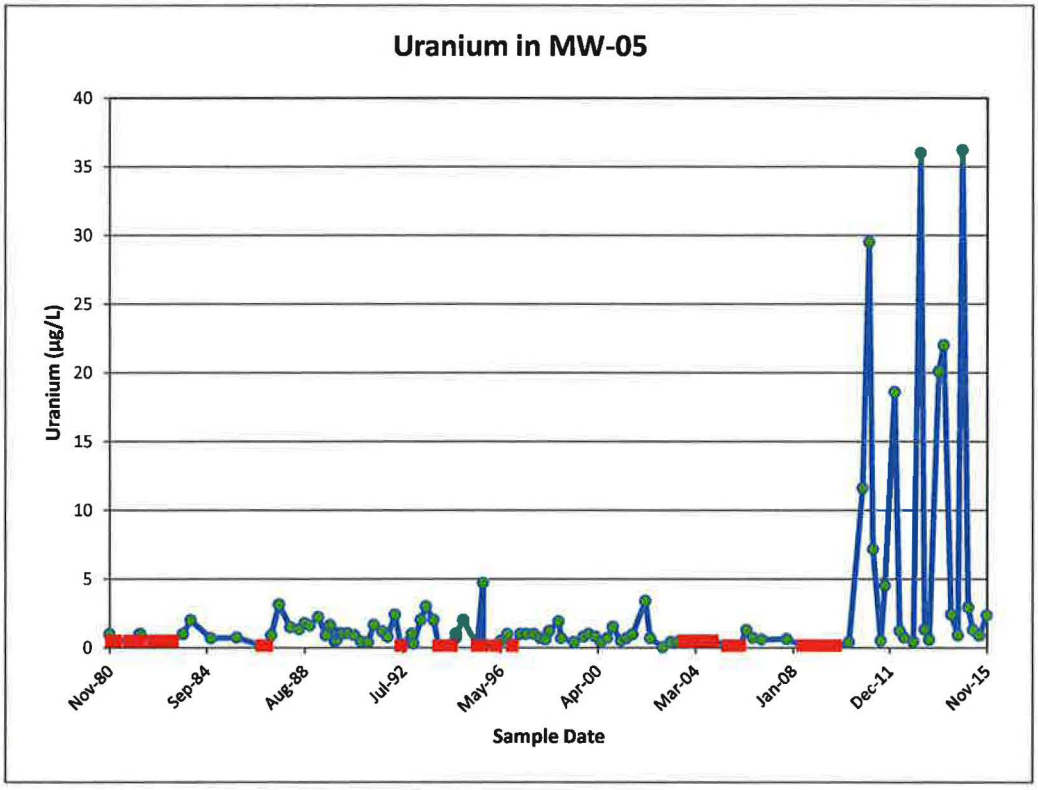


Detected Values

Non-Detected Values

Time concentration plots for MW-05



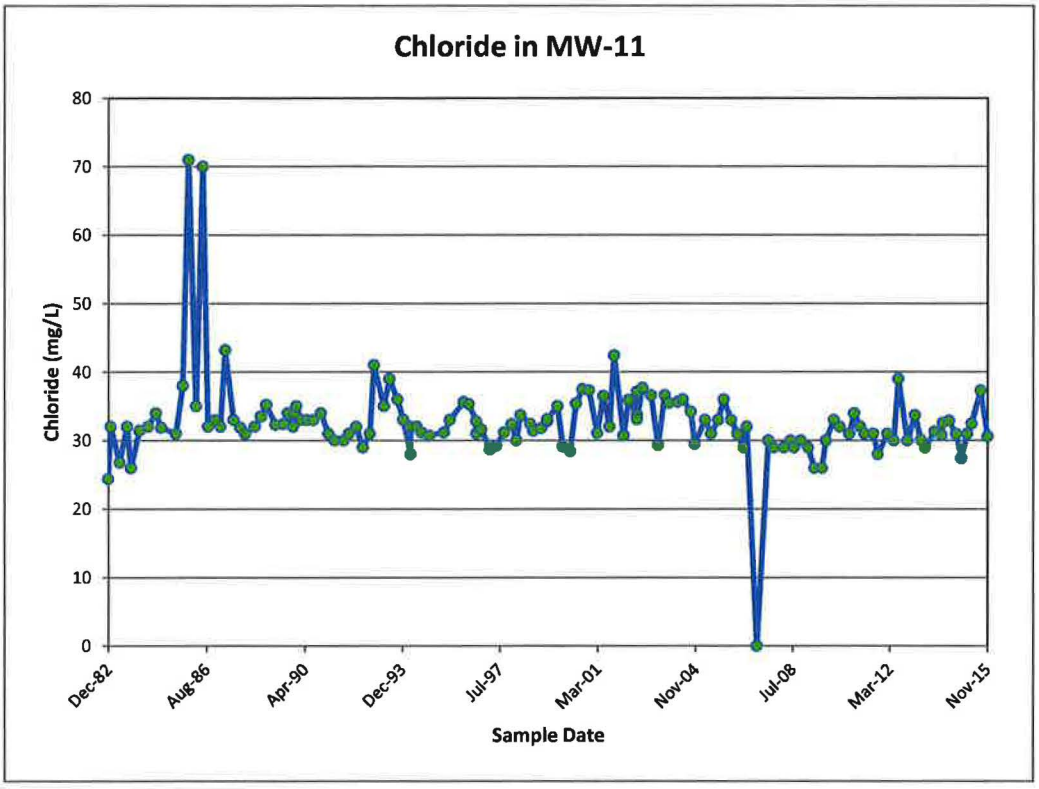


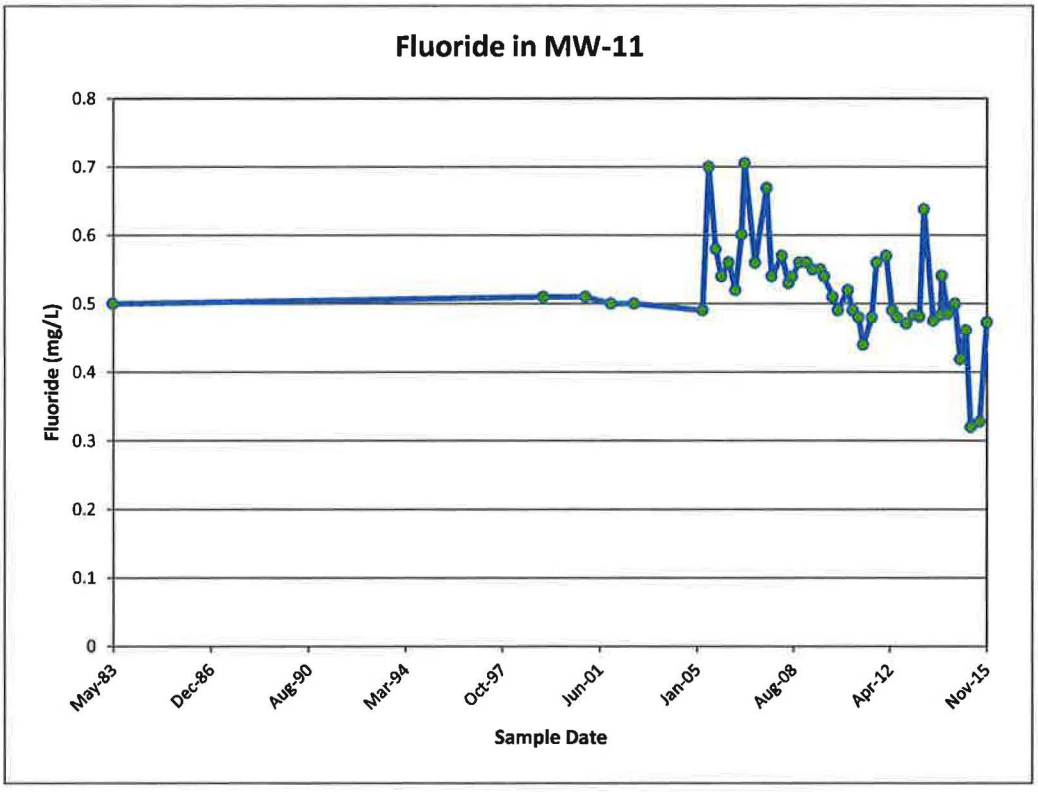
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-11



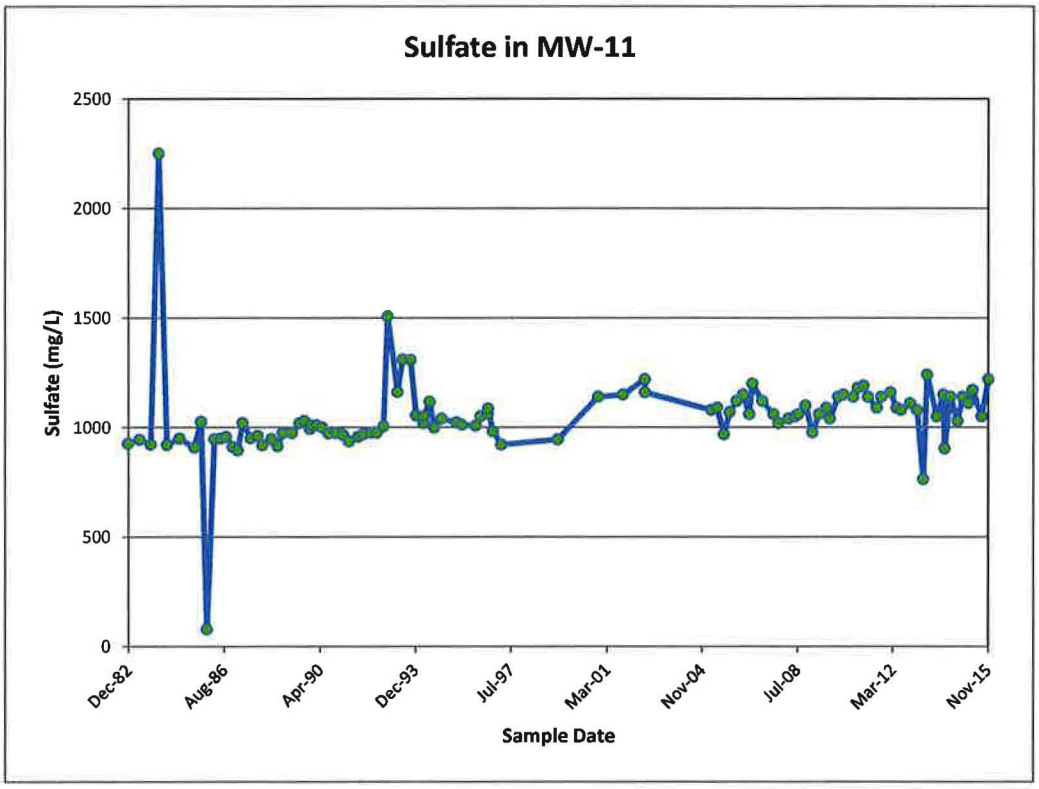


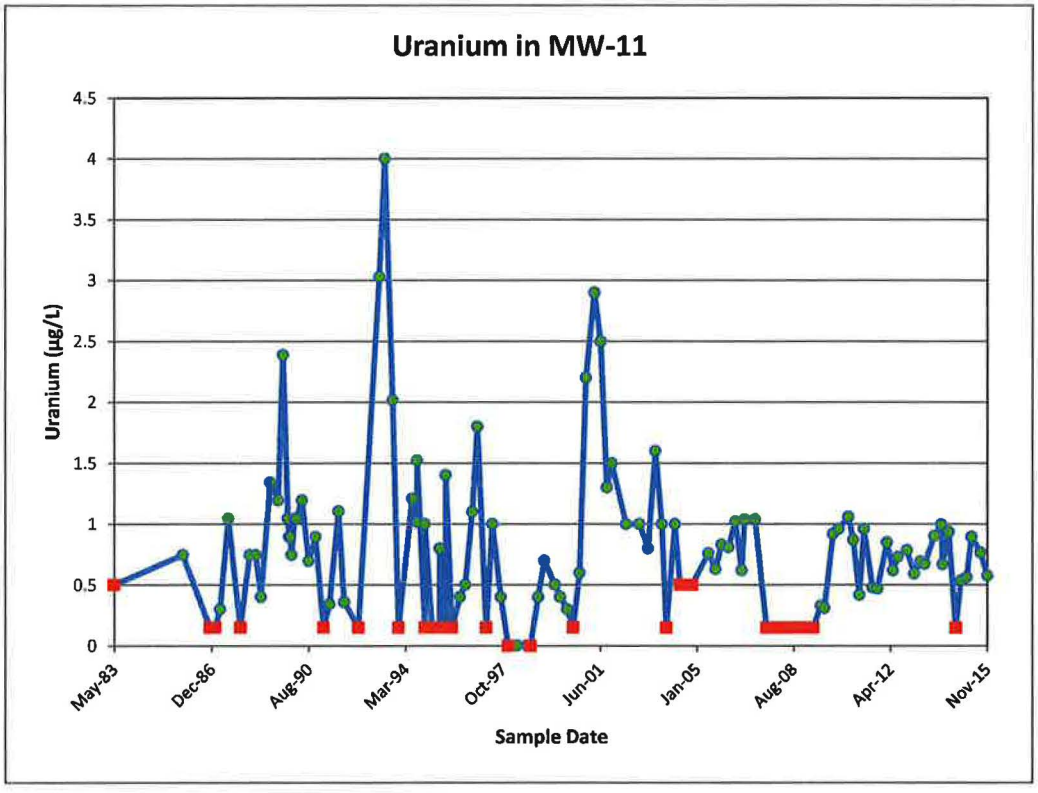
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-11



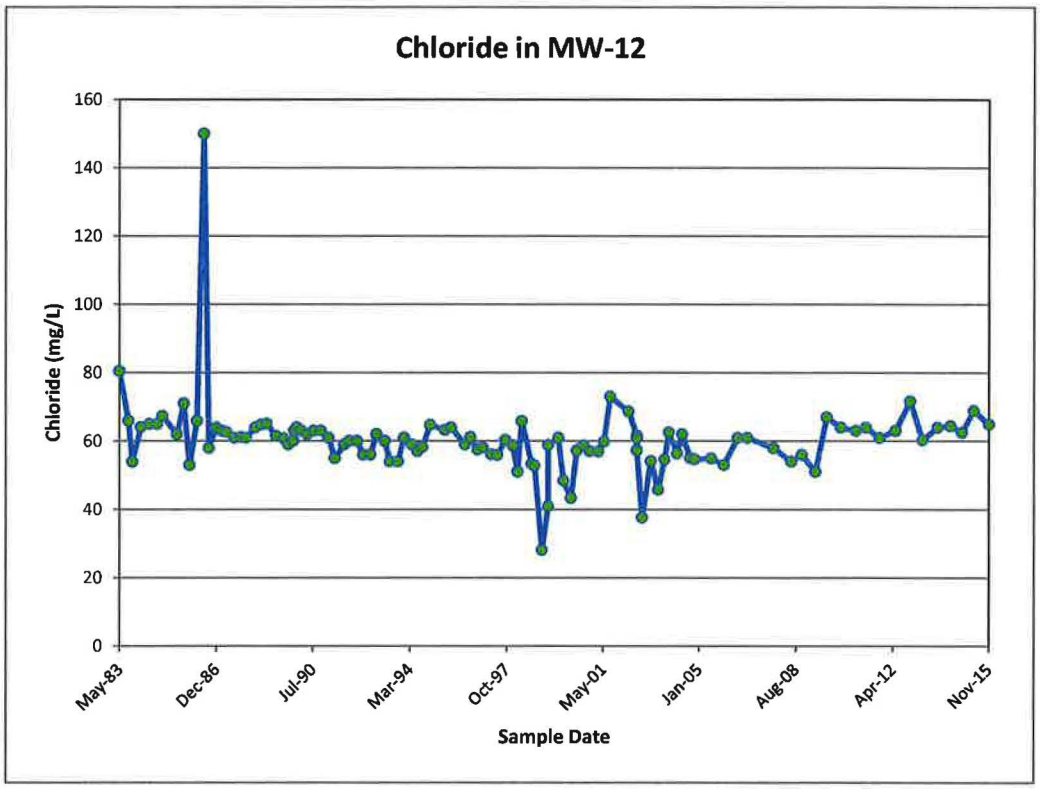


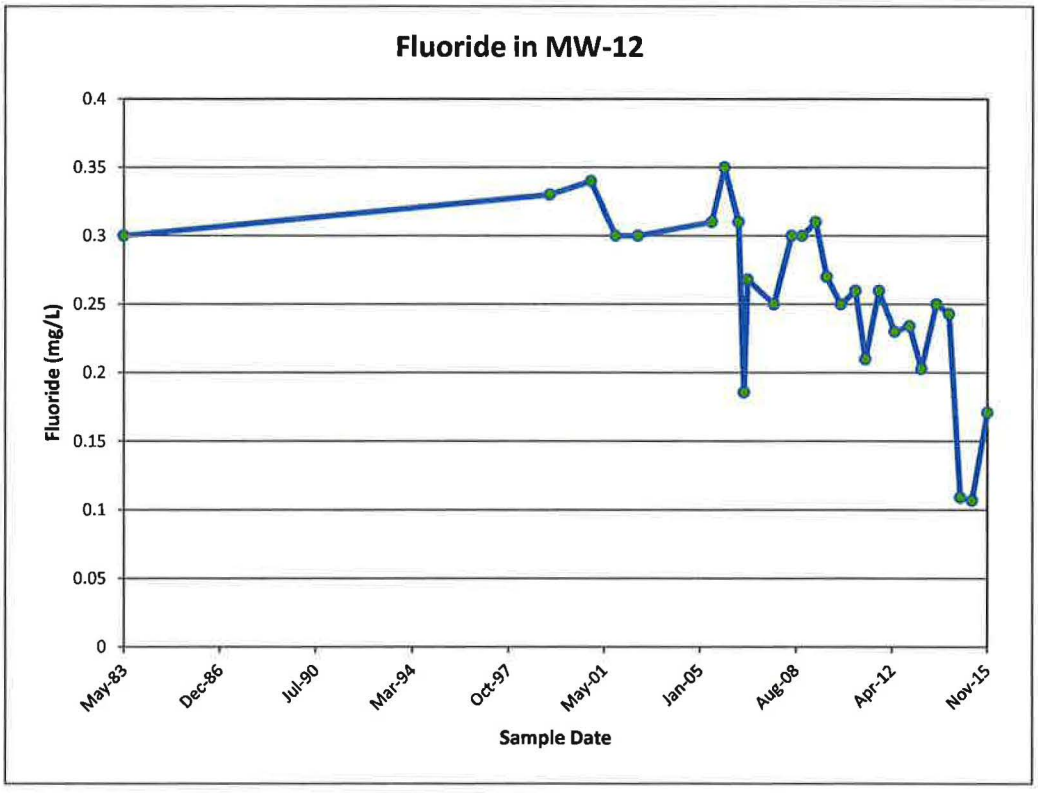
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-12

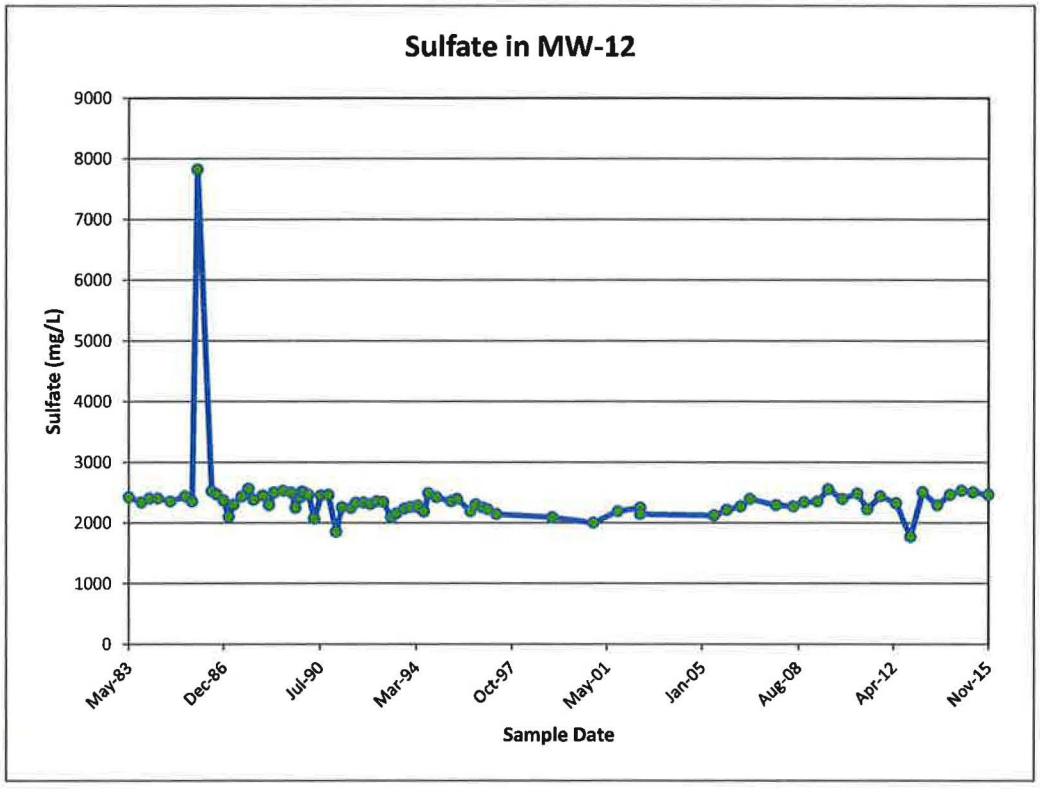


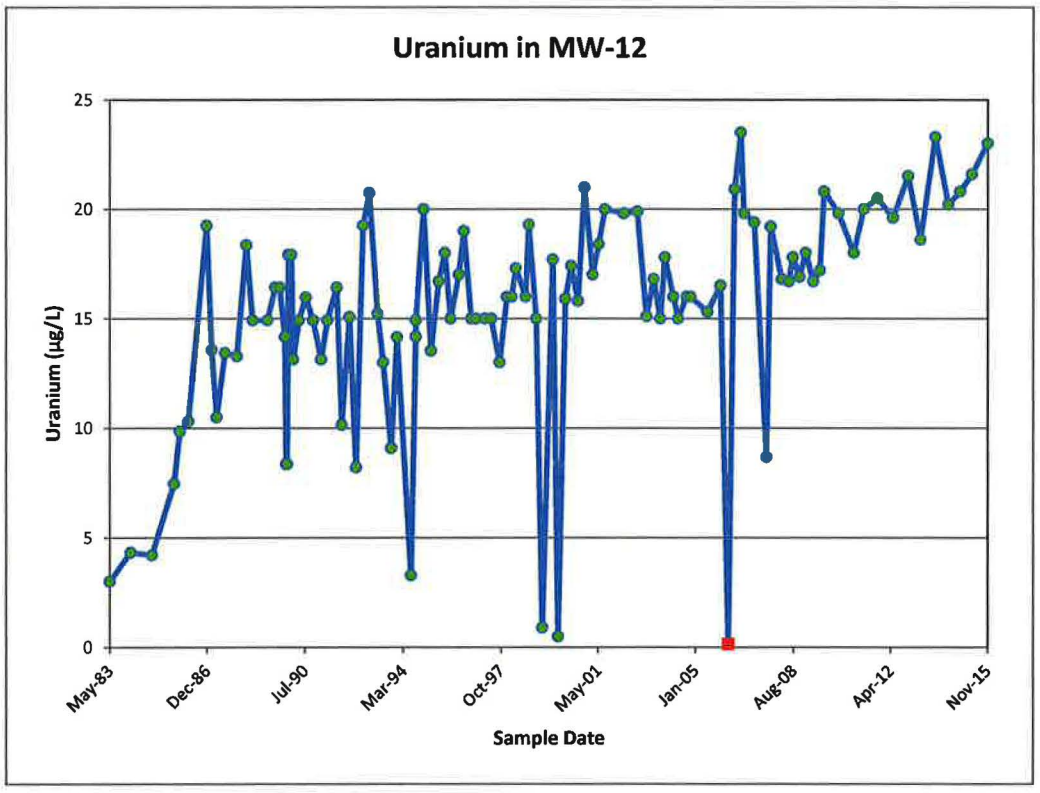


Detected Values

Non-Detected Values

Time concentration plots for MW-12

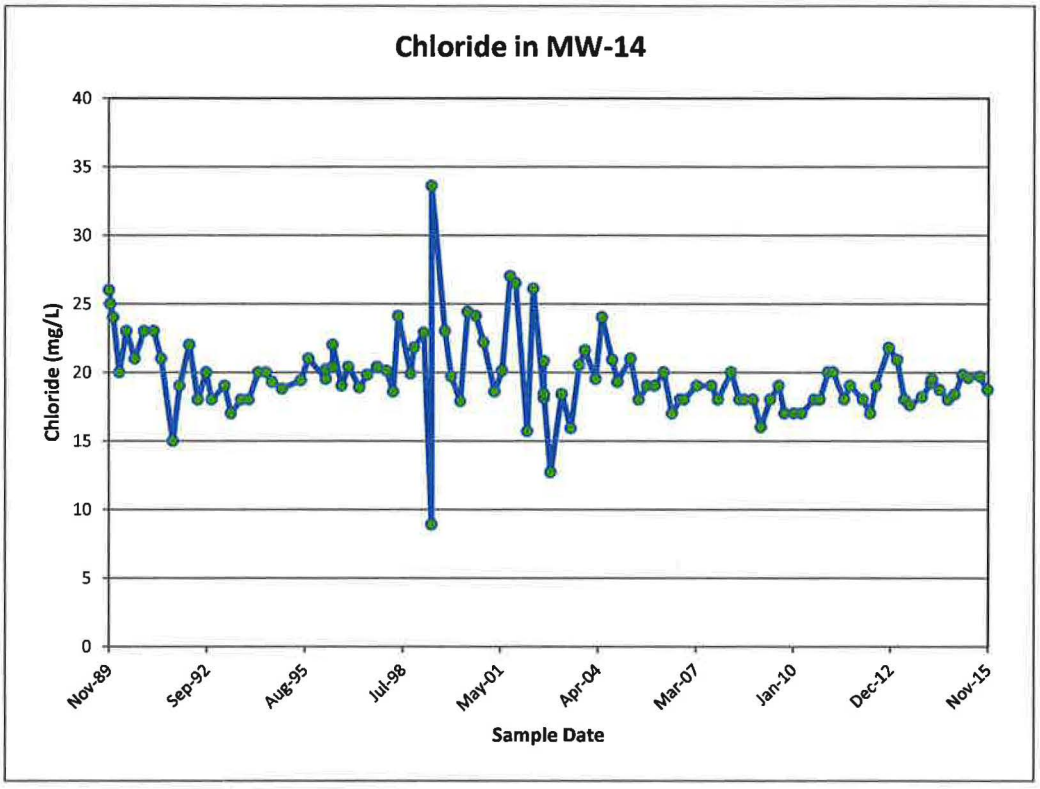


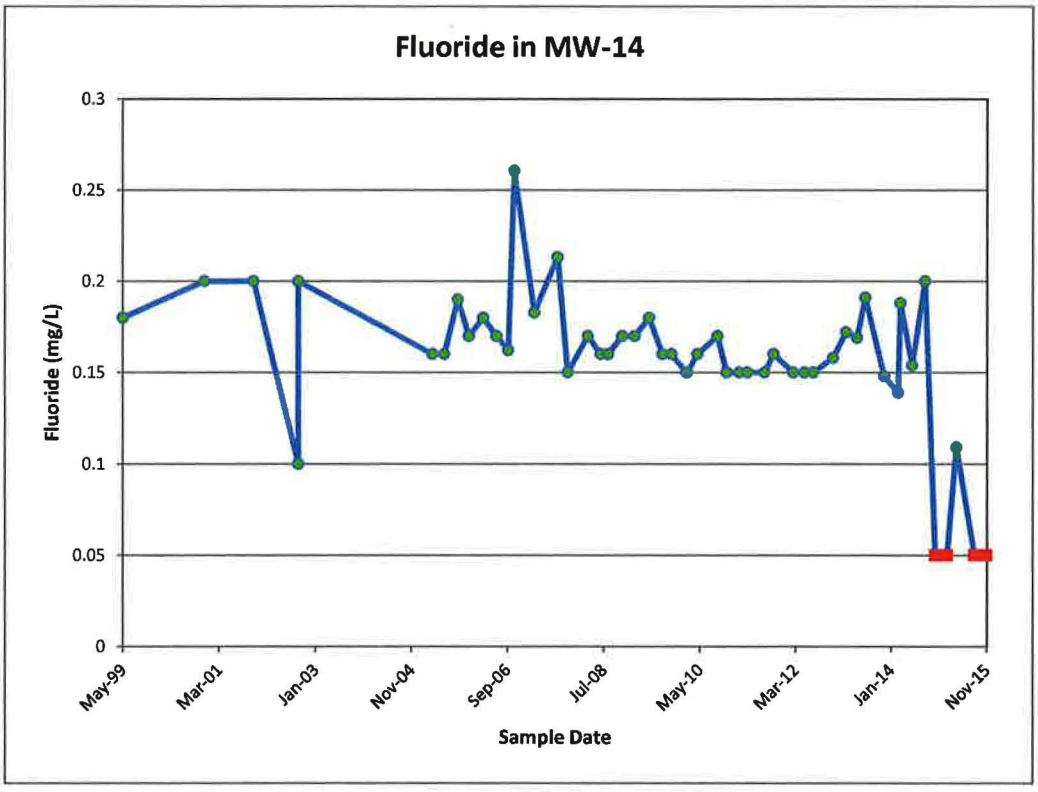


Detected Values

Non-Detected Values

Time concentration plots for MW-14



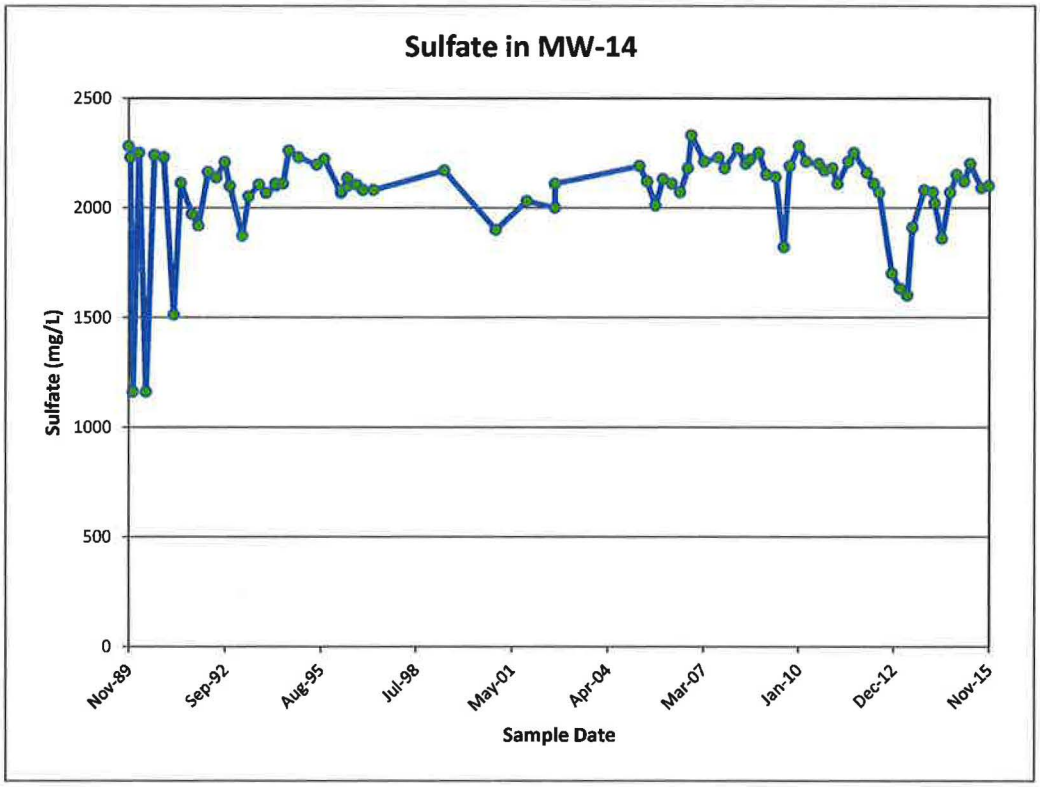


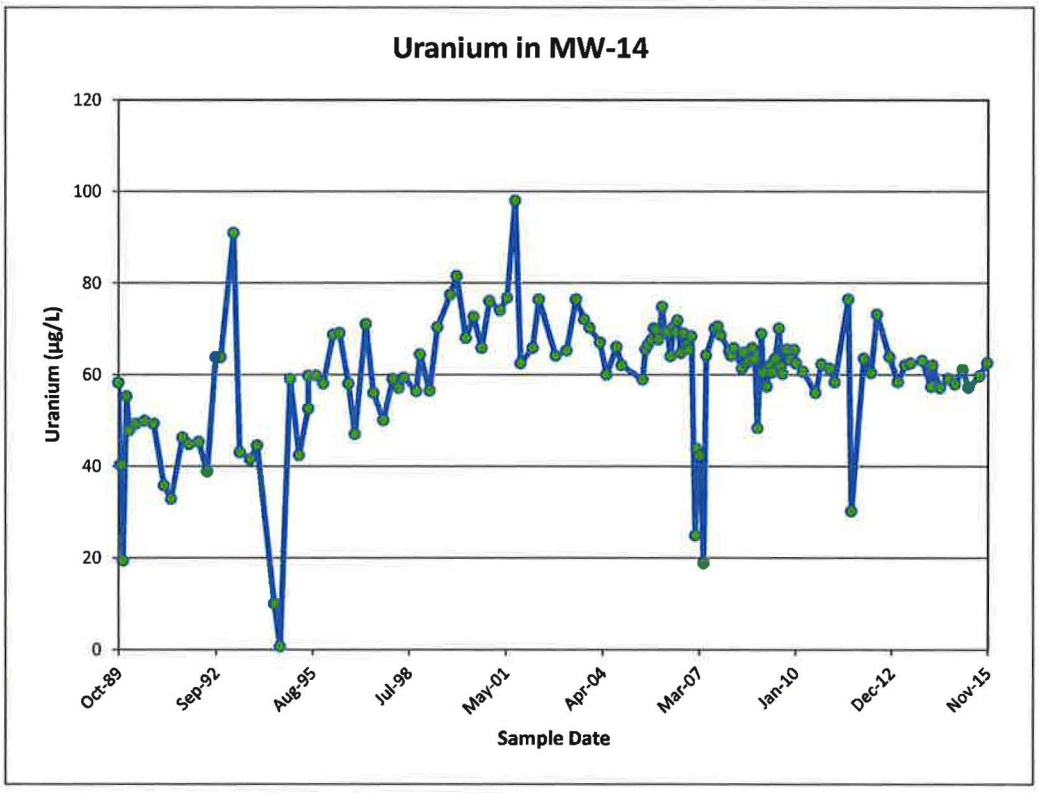
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-14

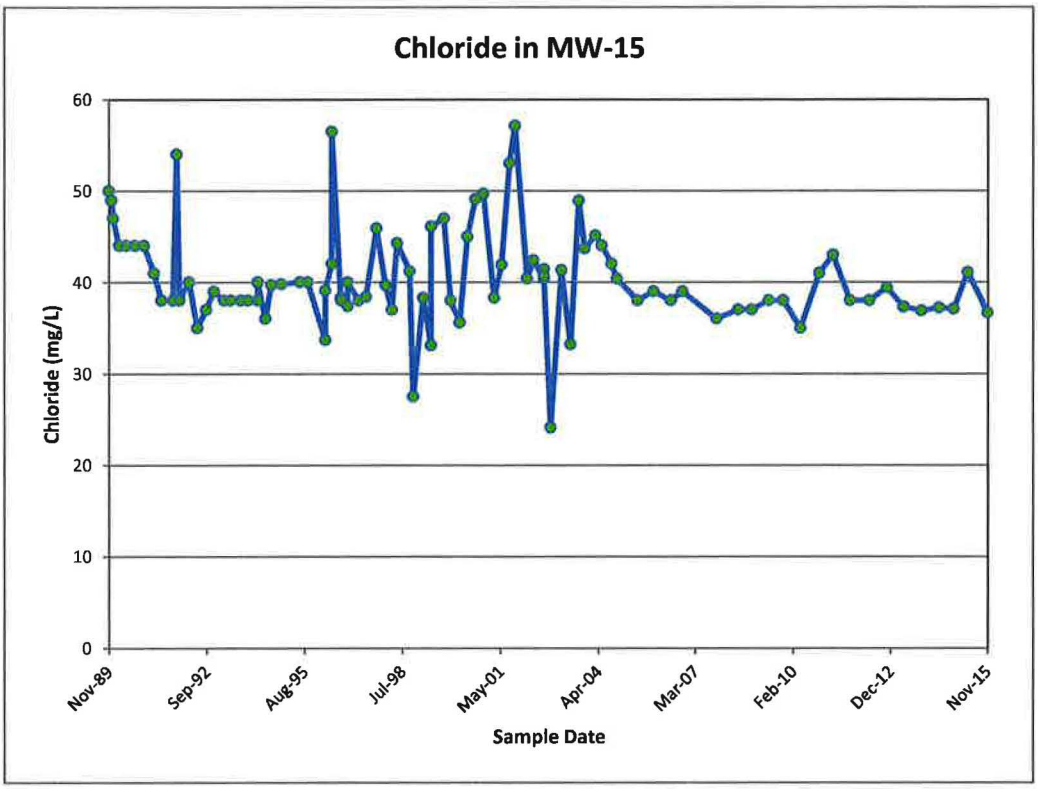


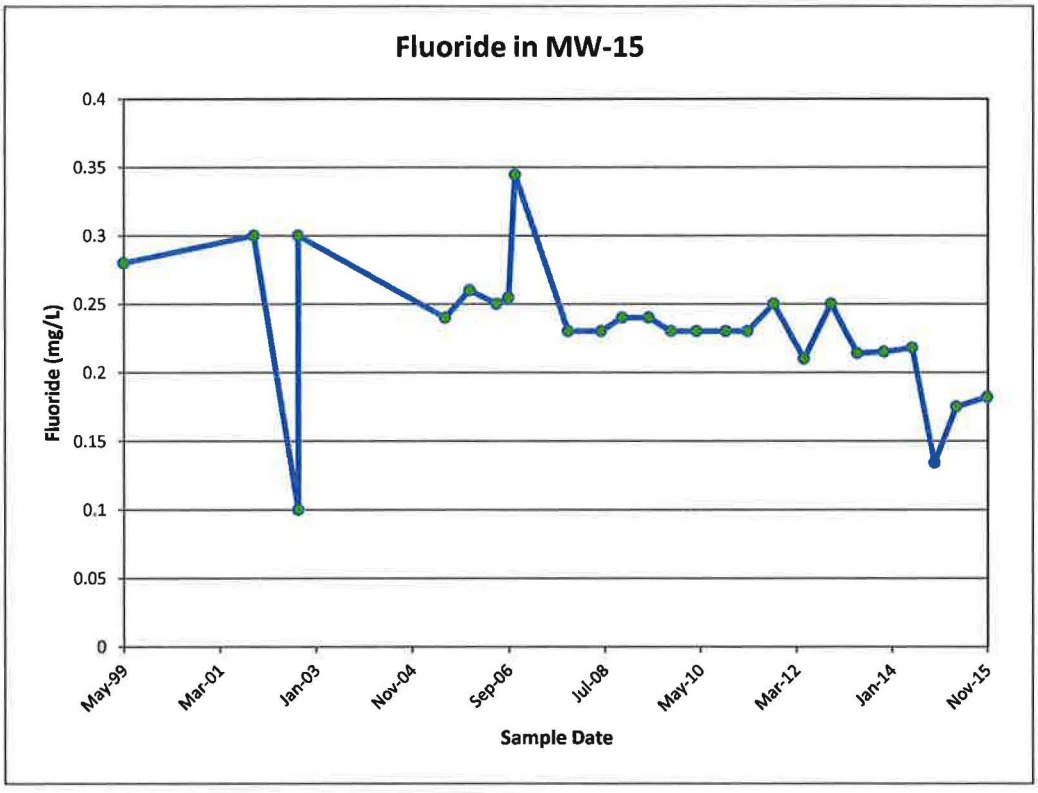


Detected Values

Non-Detected Values

Time concentration plots for MW-15



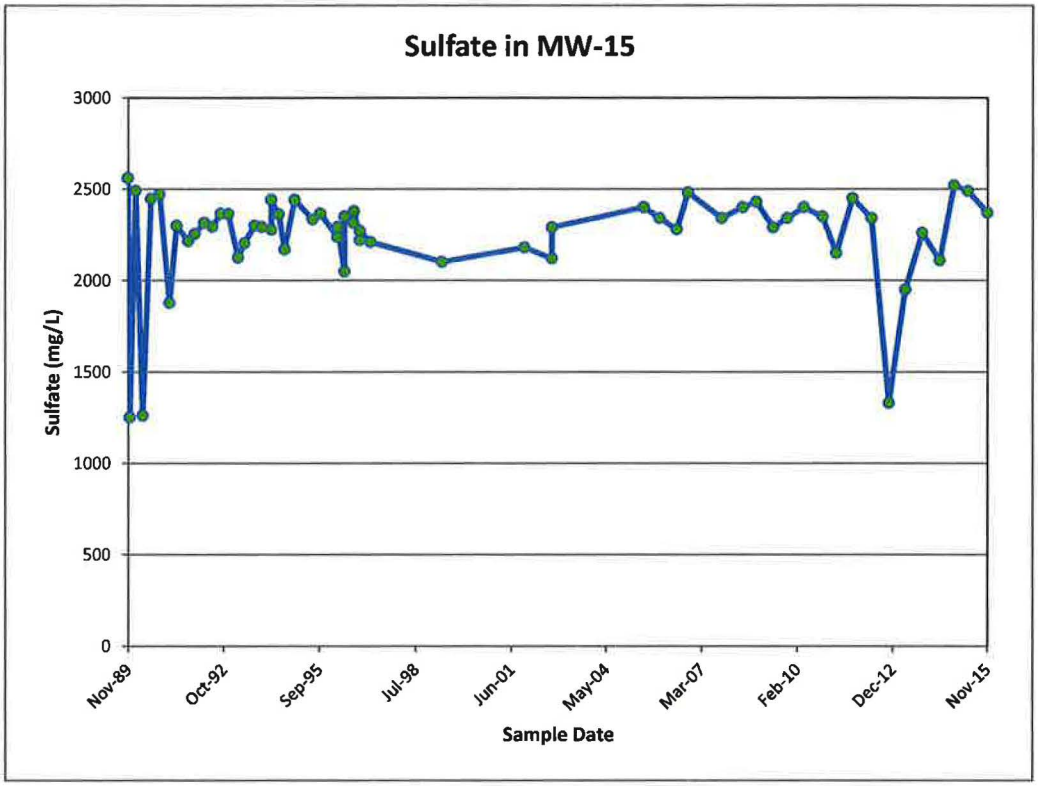


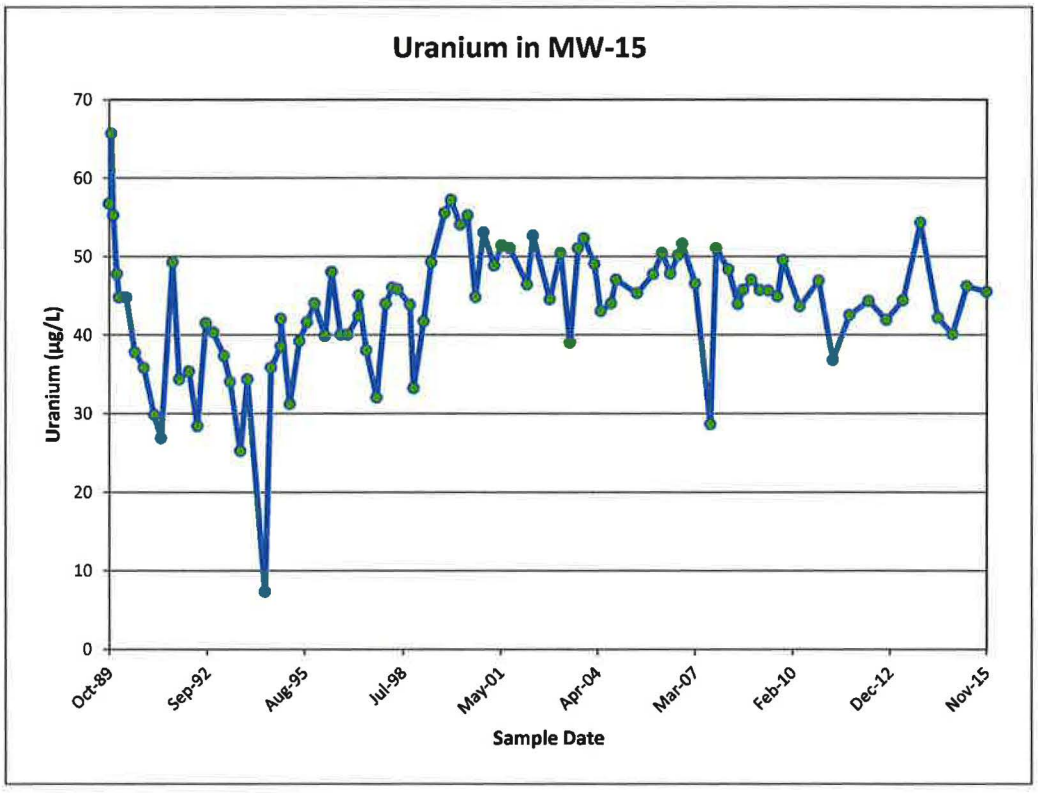
INTERA

Detected Values

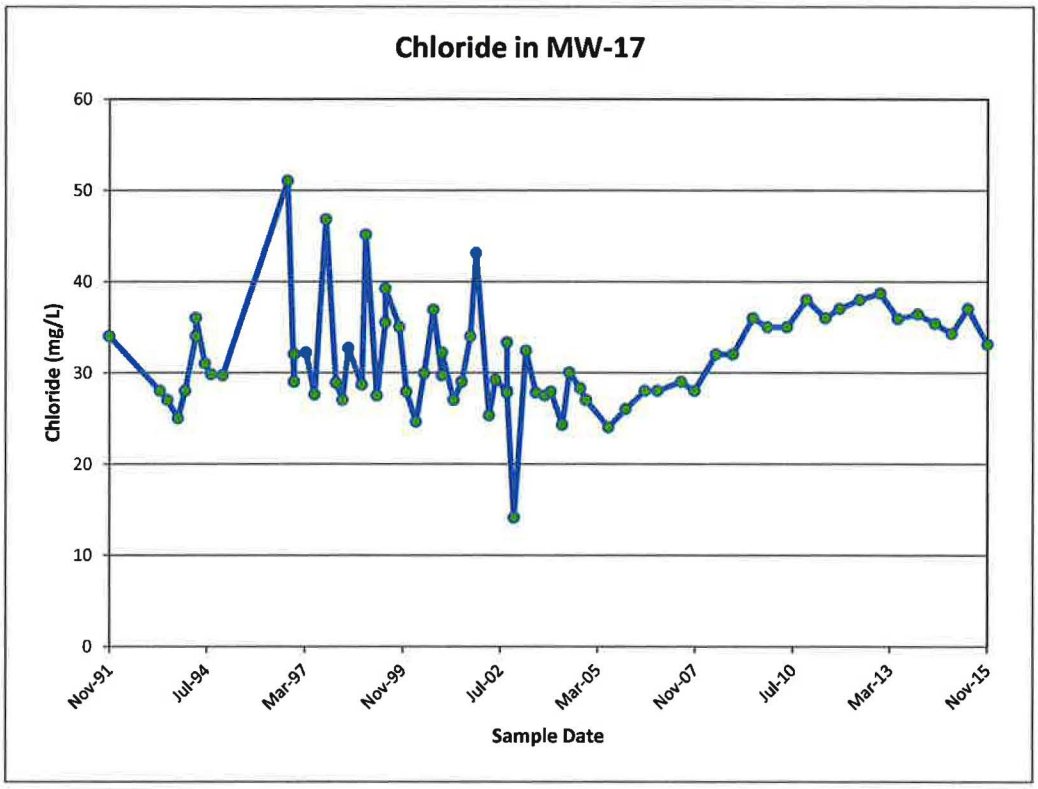
Non-Detected Values

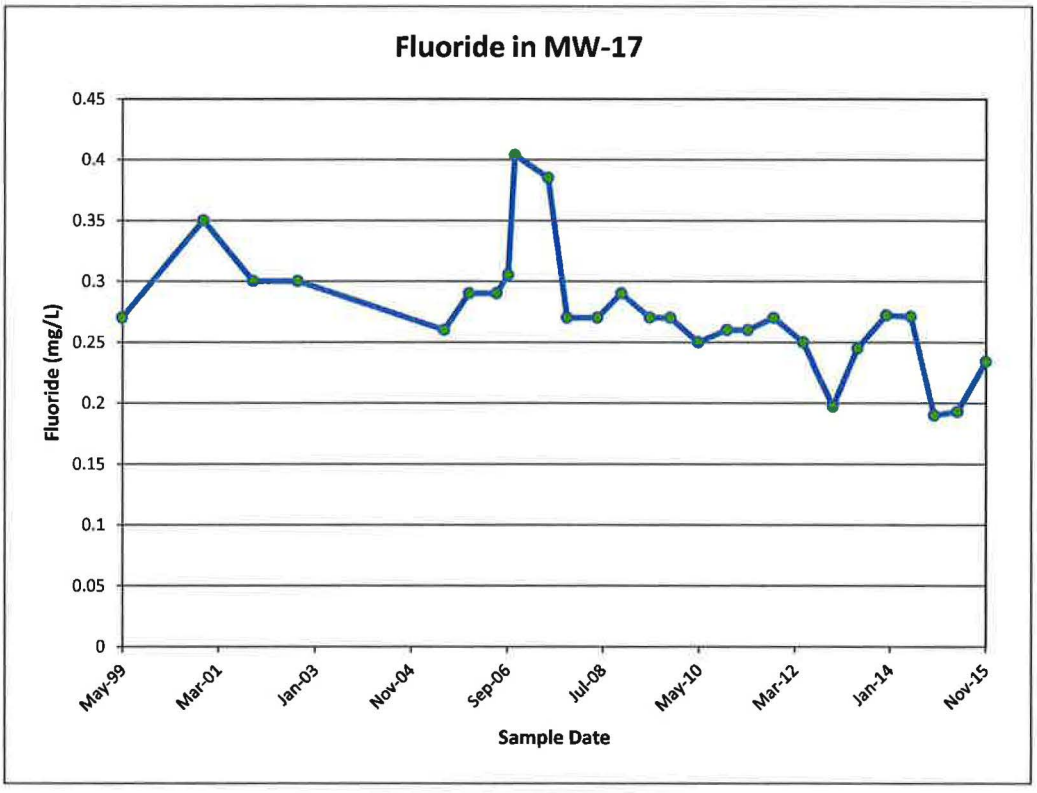
Time concentration plots for MW-15





Time concentration plots for MW-17



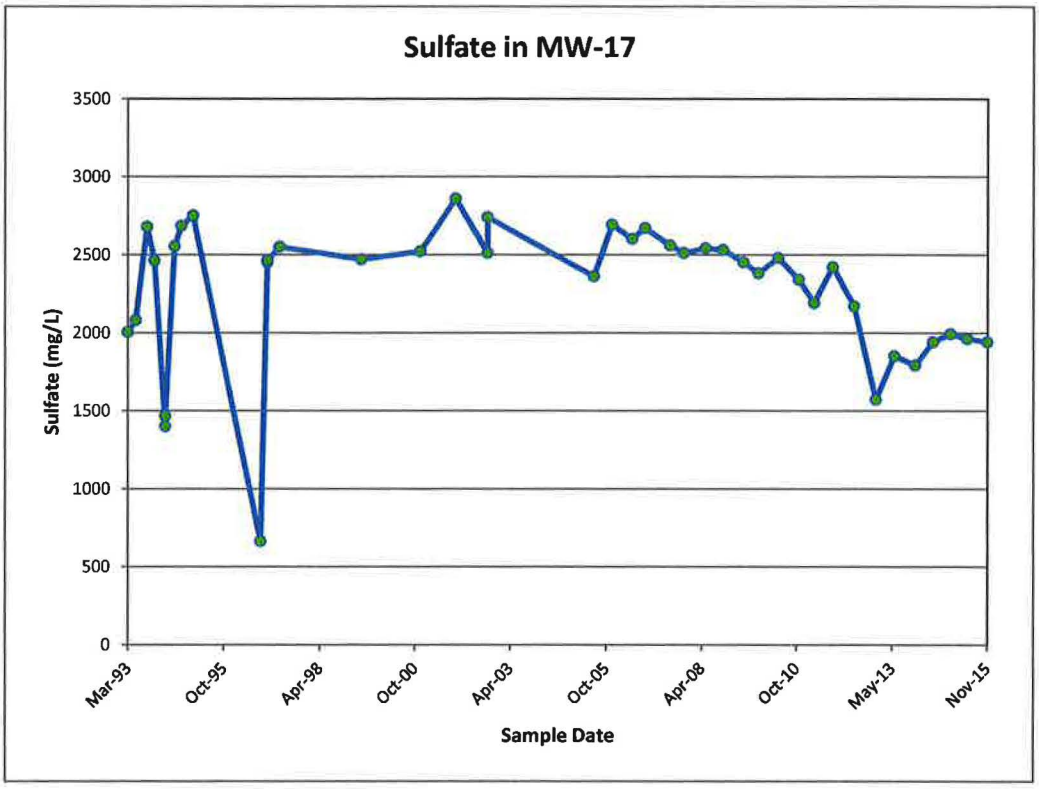


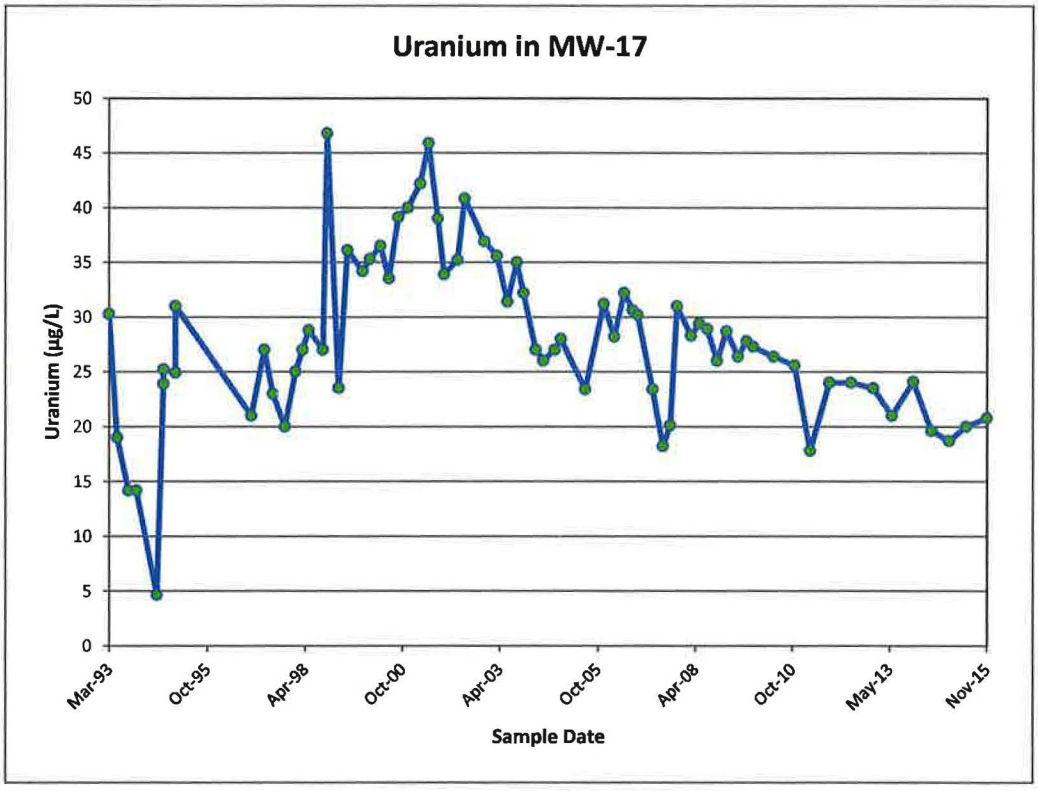
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-17



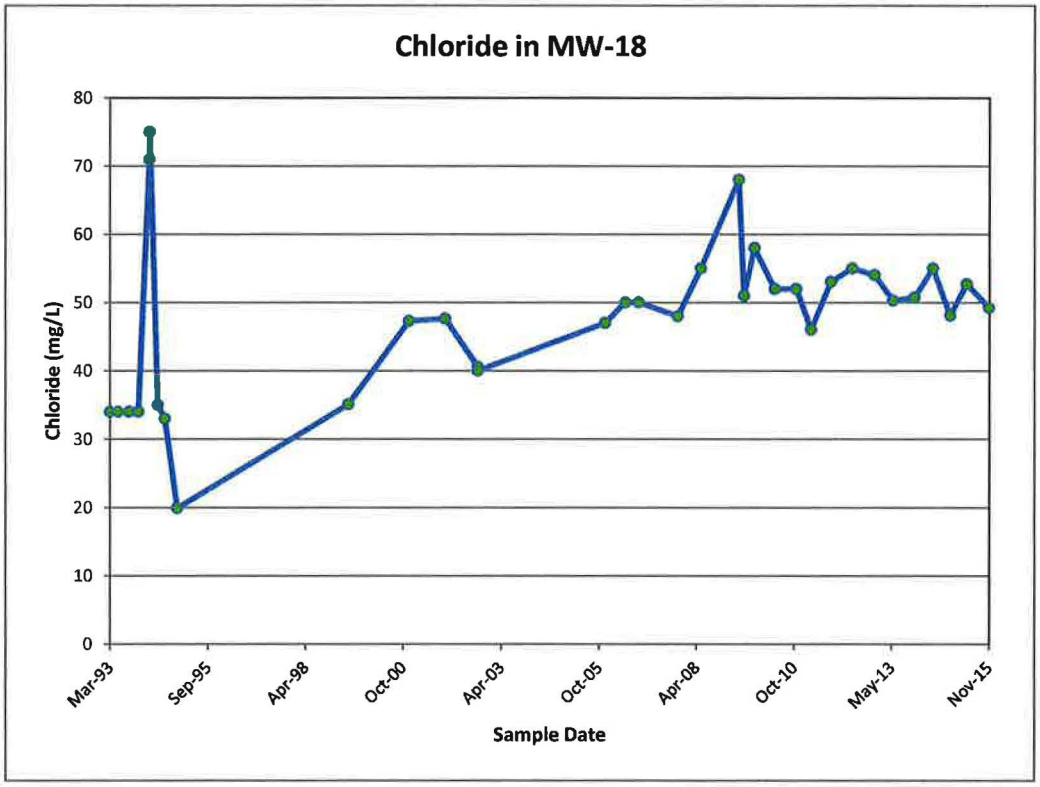


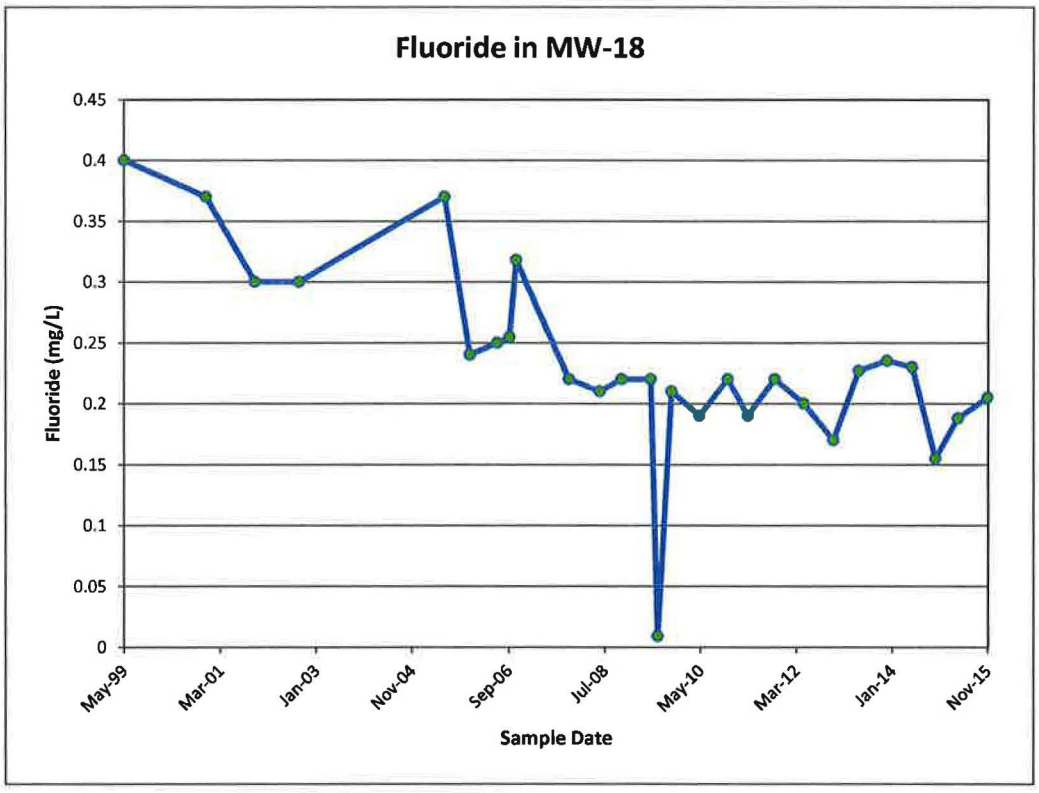
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-18



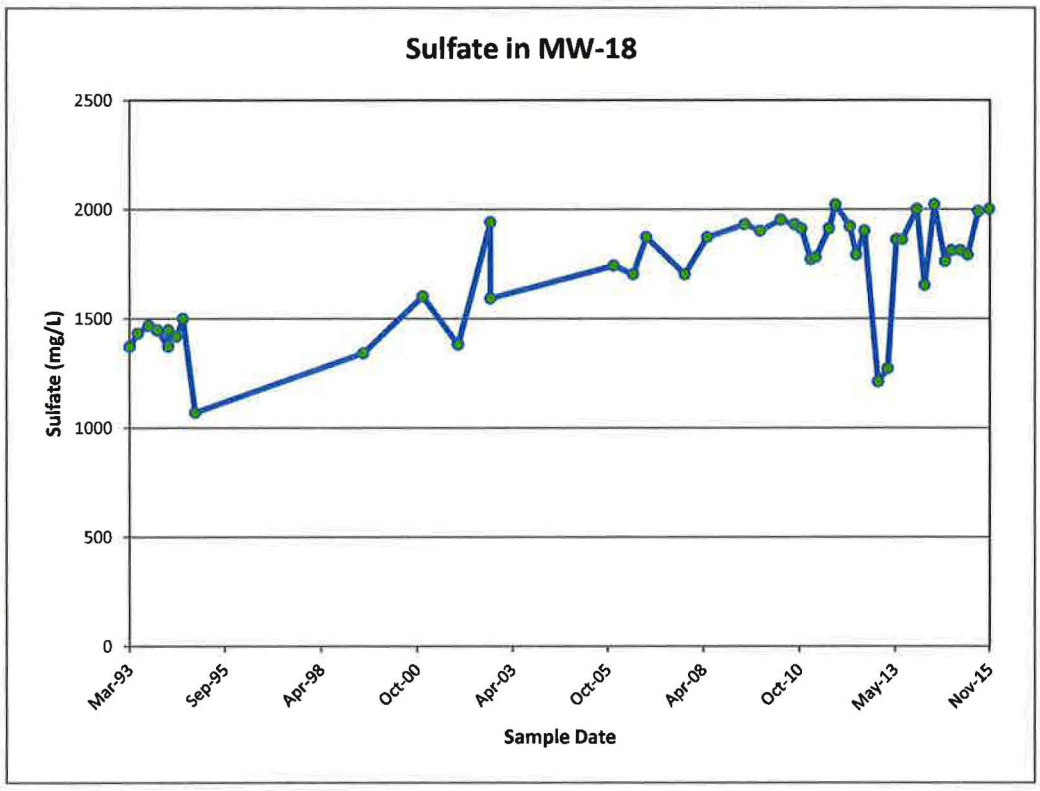


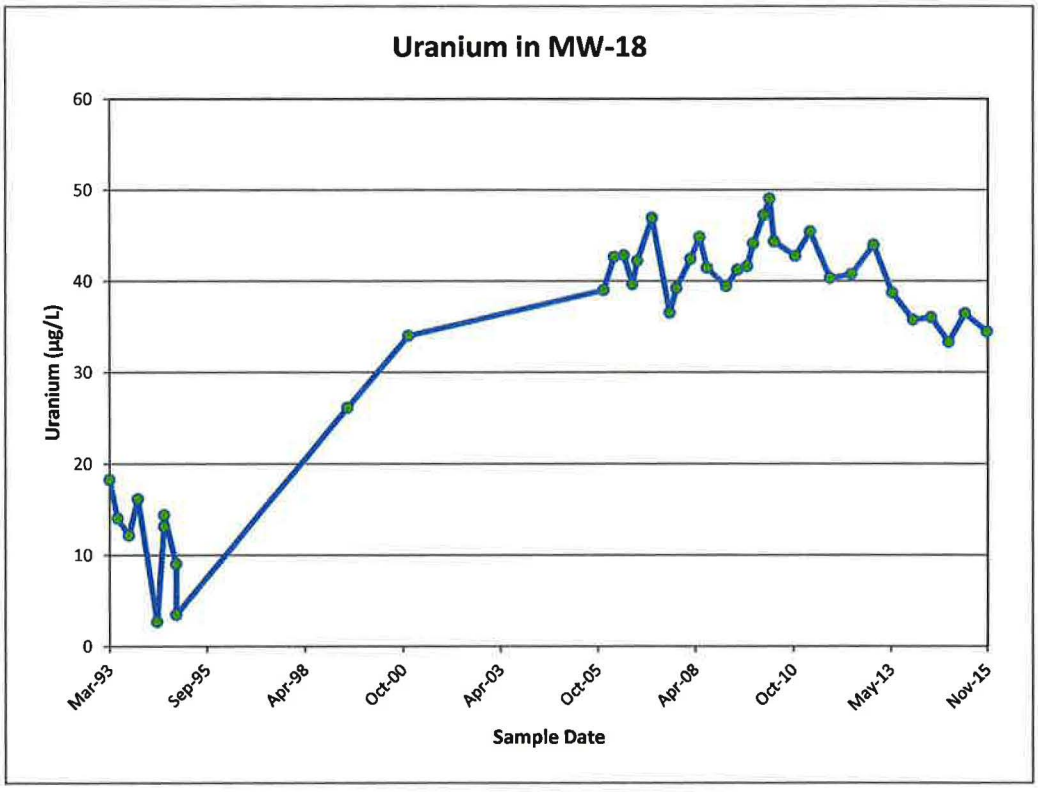
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-18



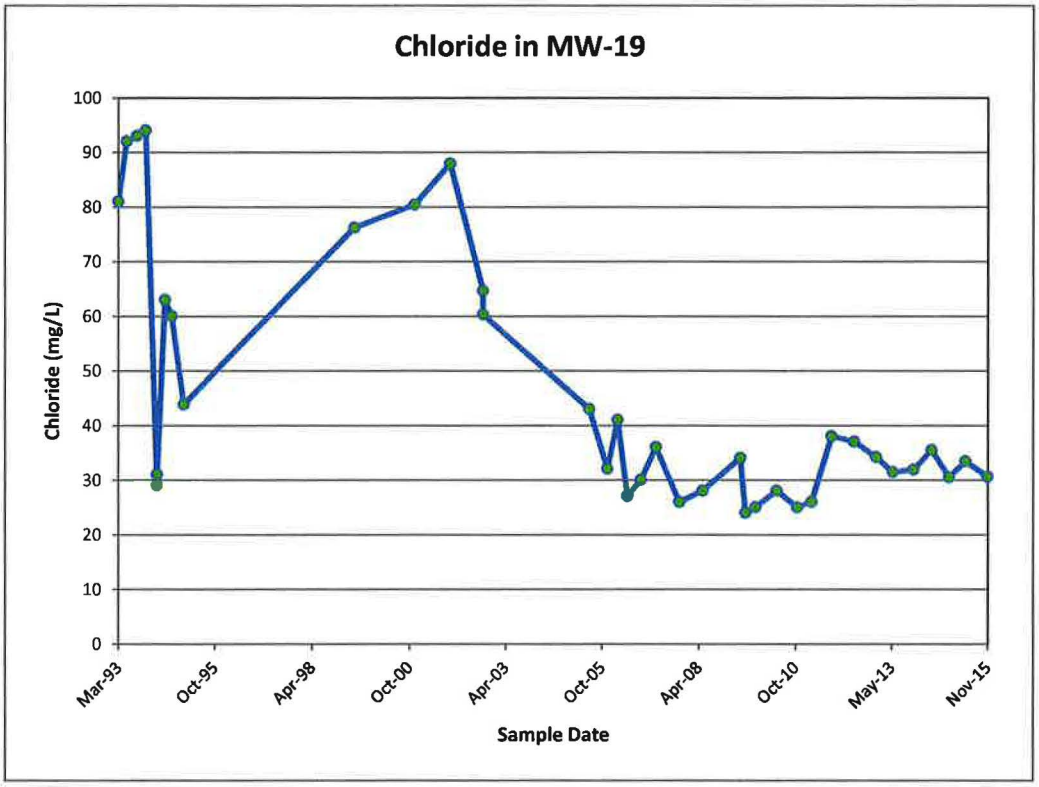


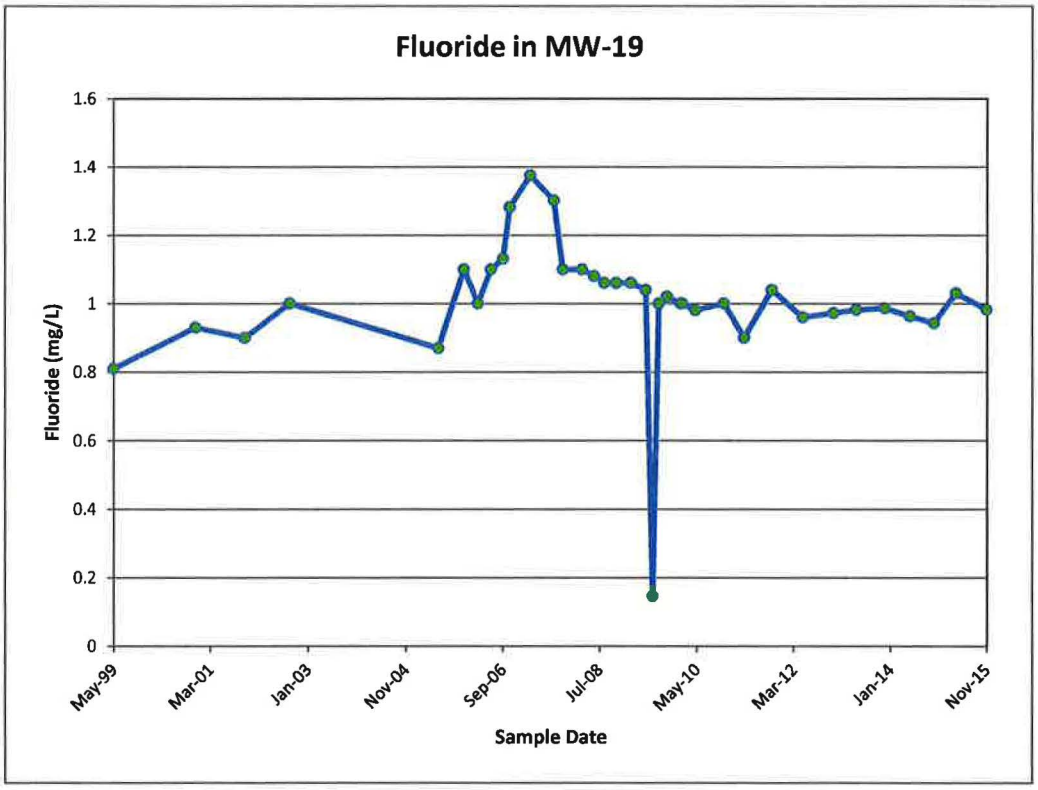
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-19



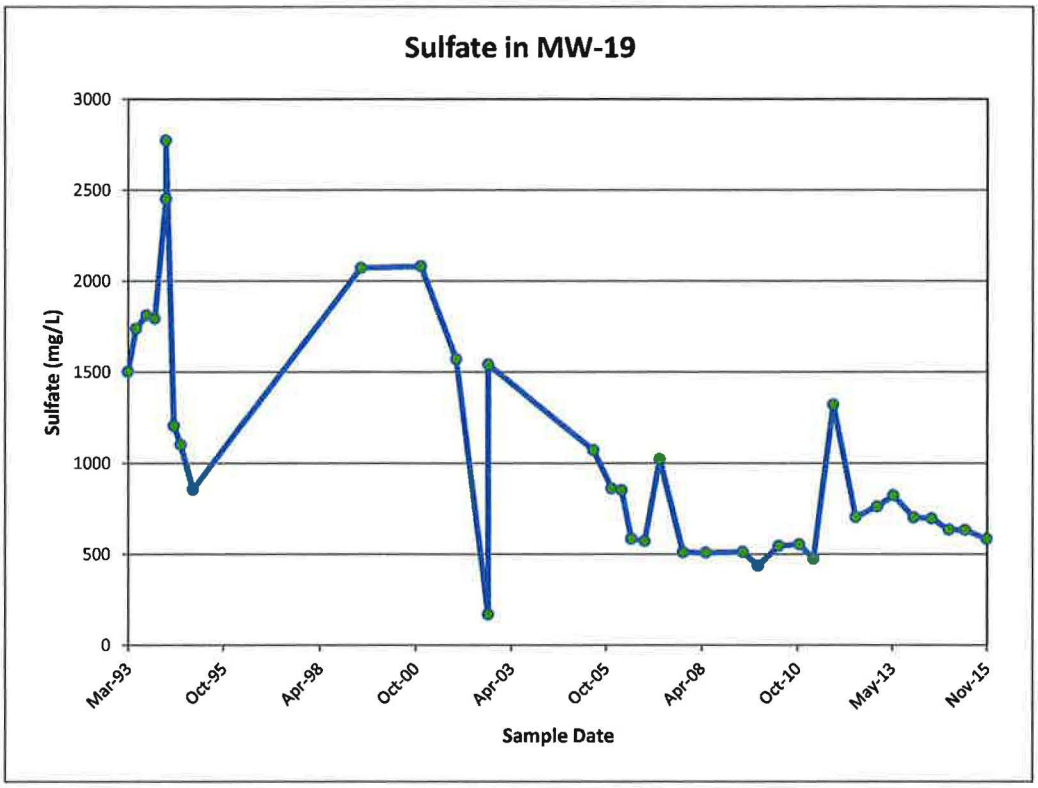


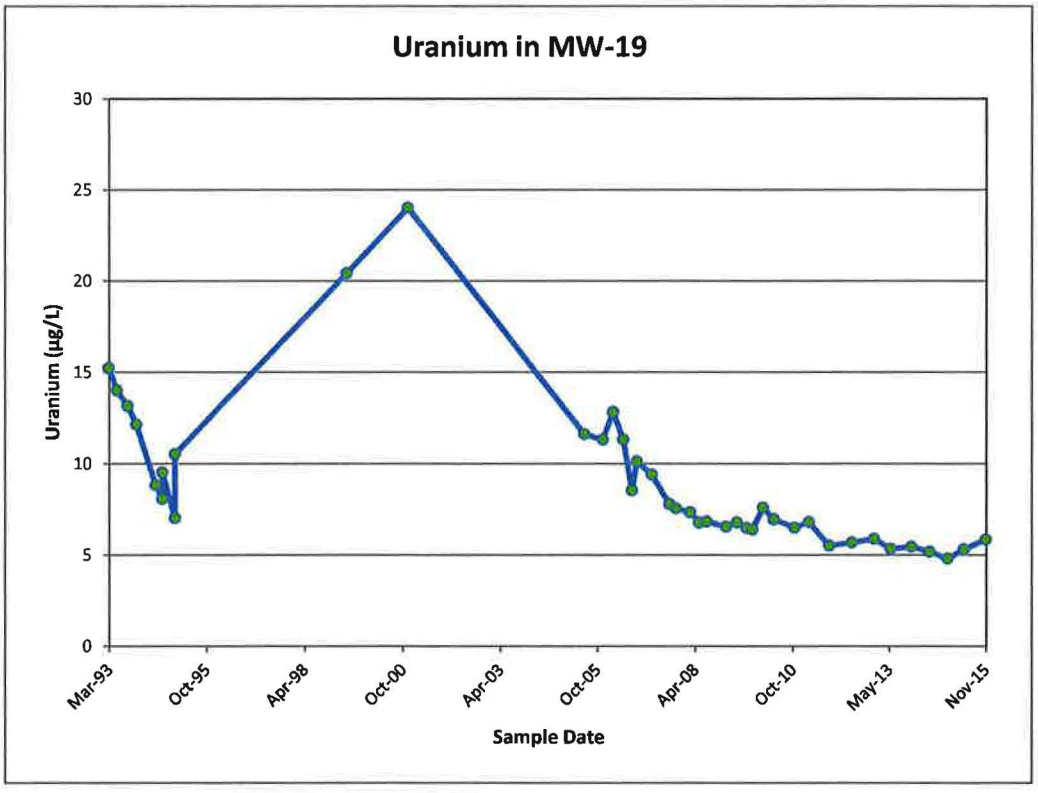
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-19

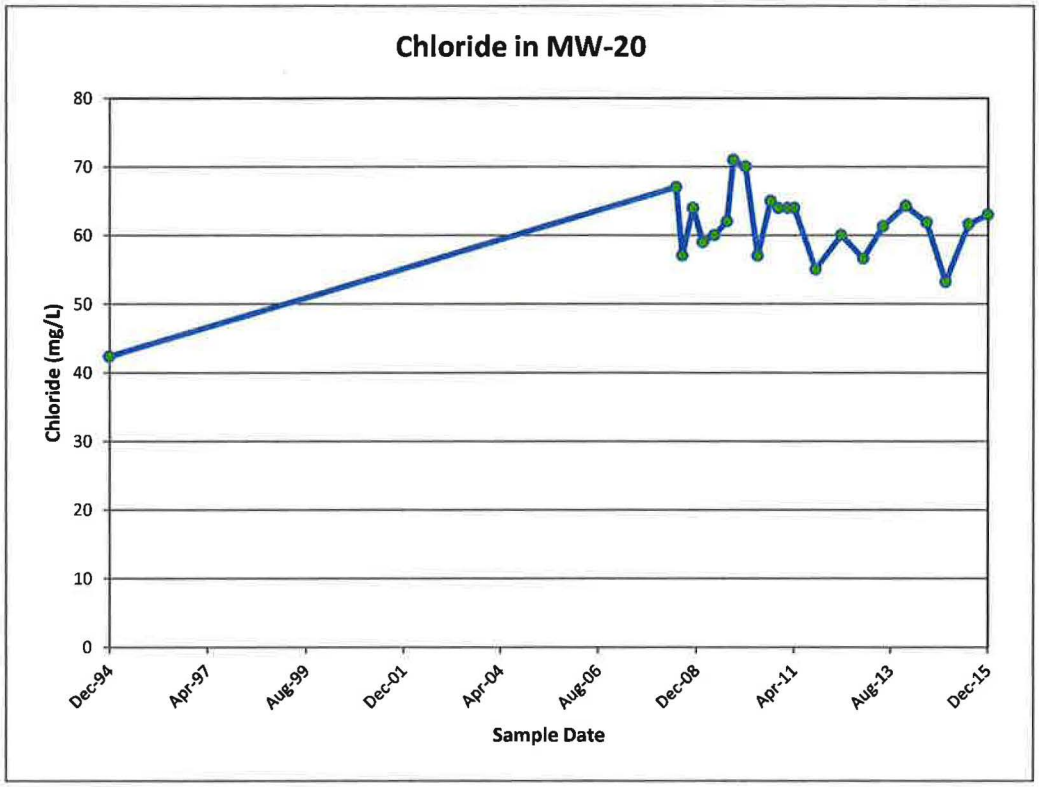


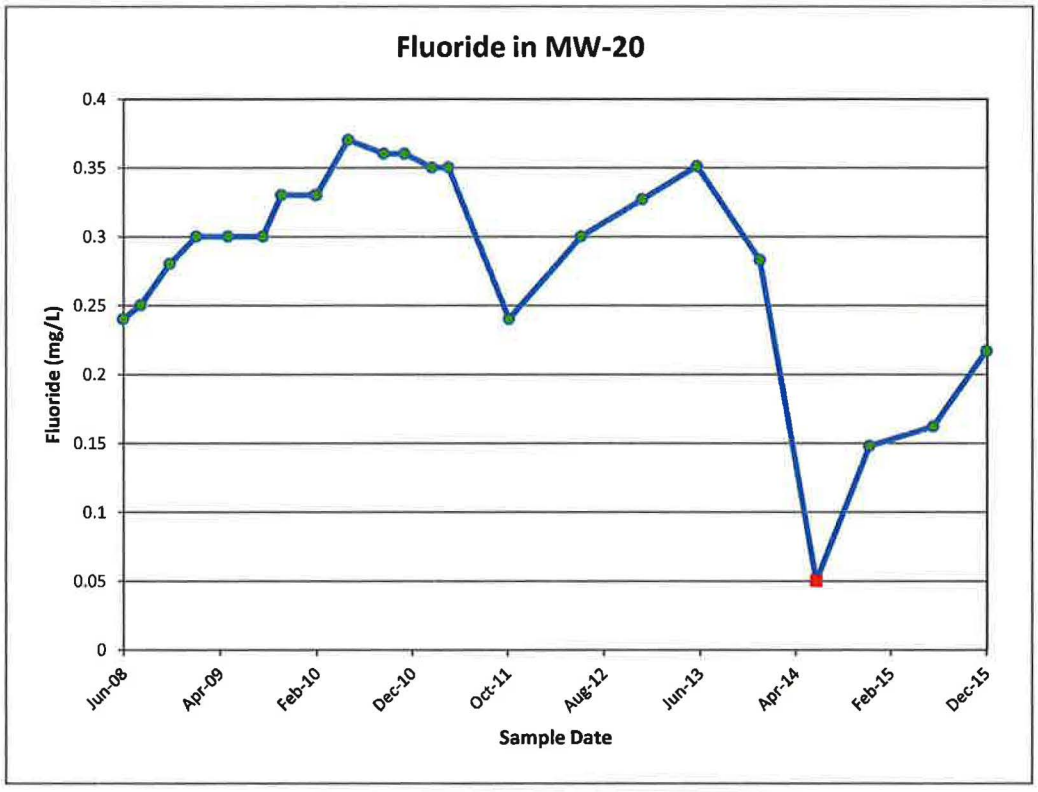


Detected Values

Non-Detected Values

Time concentration plots for MW-20



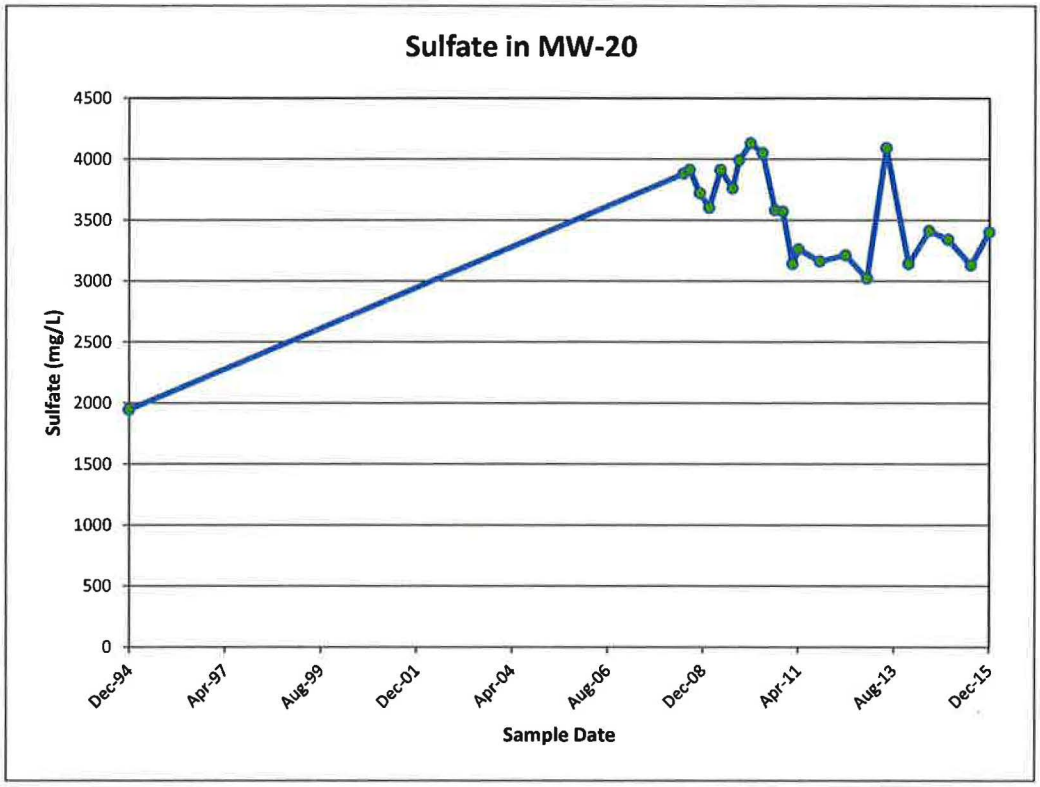


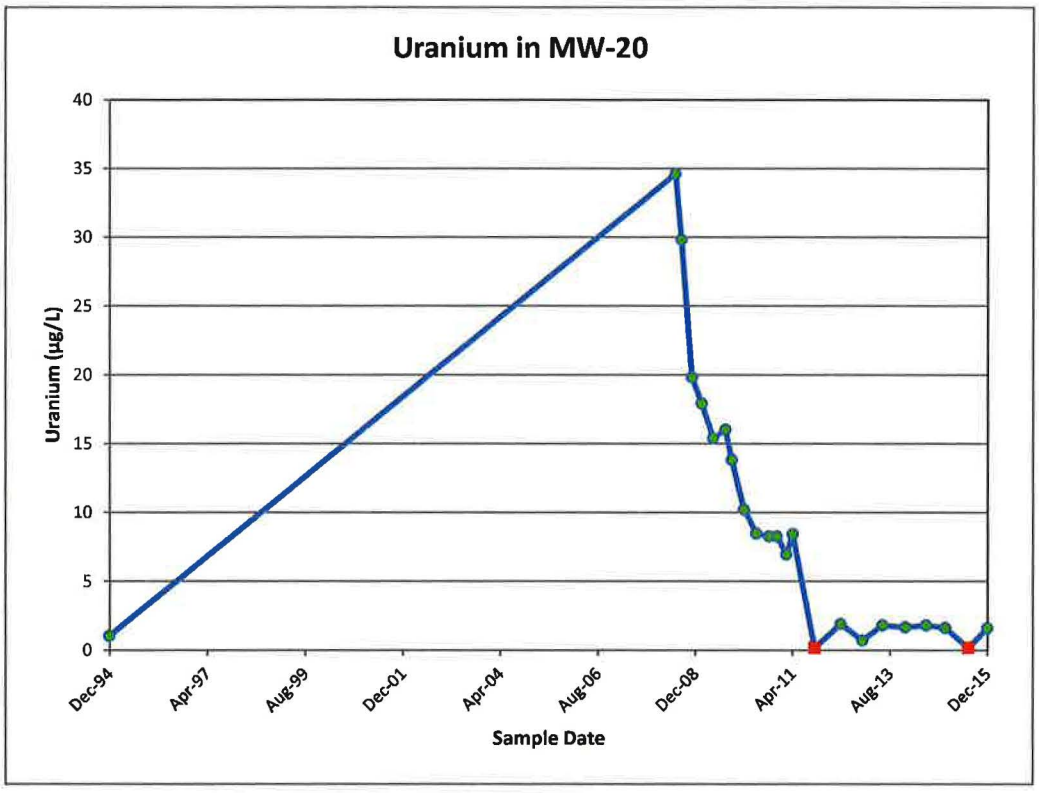
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-20

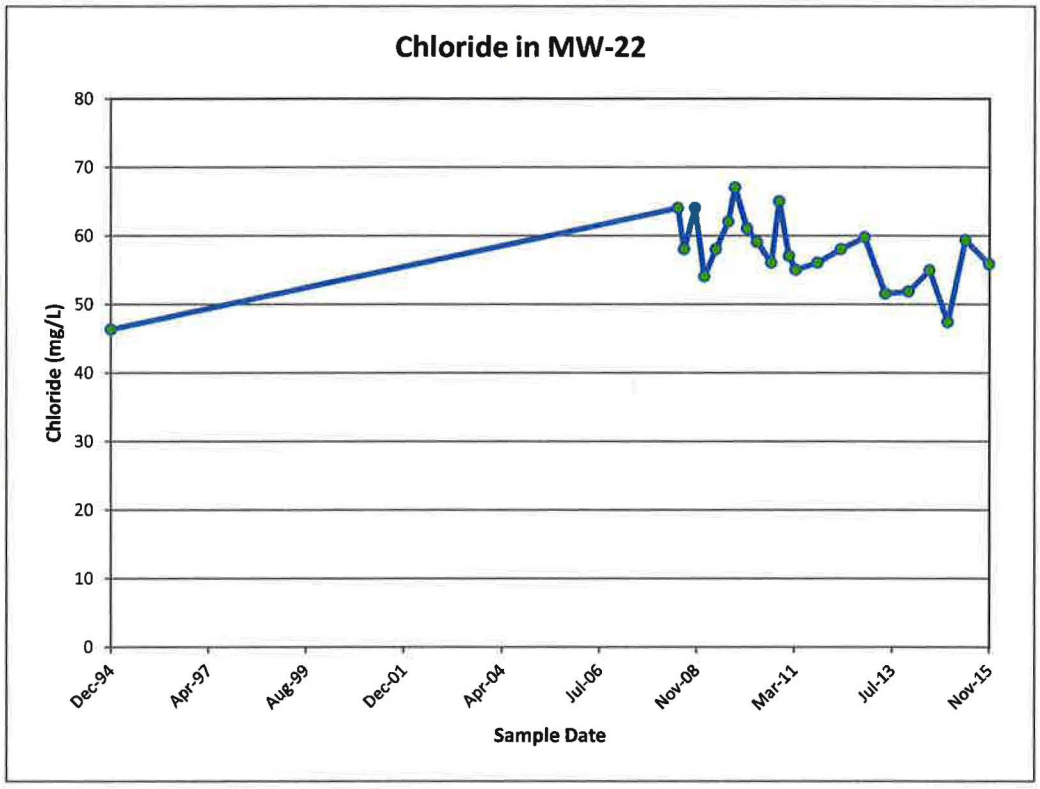


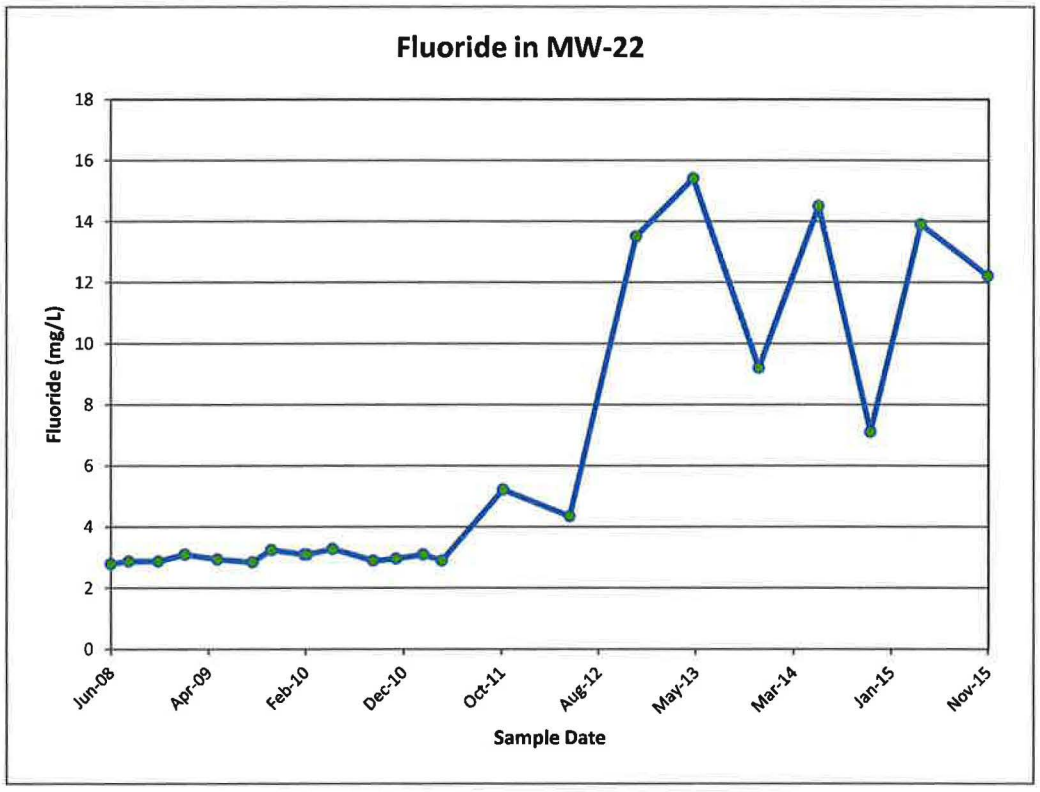


Detected Values

Non-Detected Values

Time concentration plots for MW-22



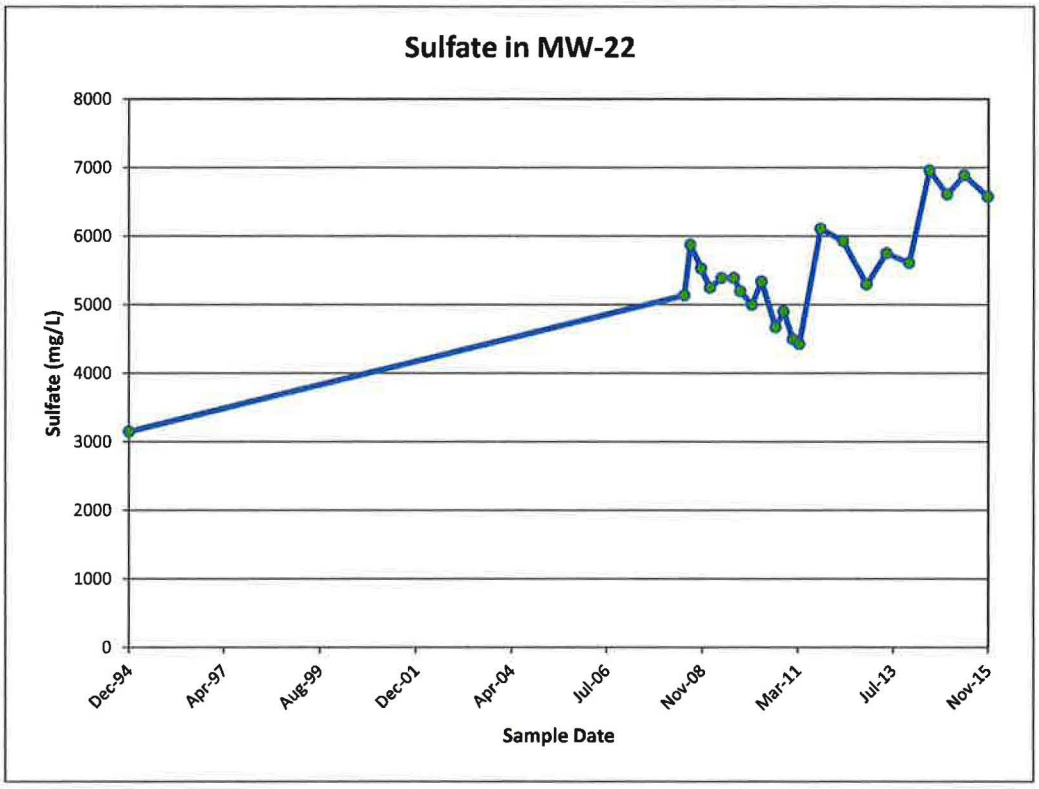


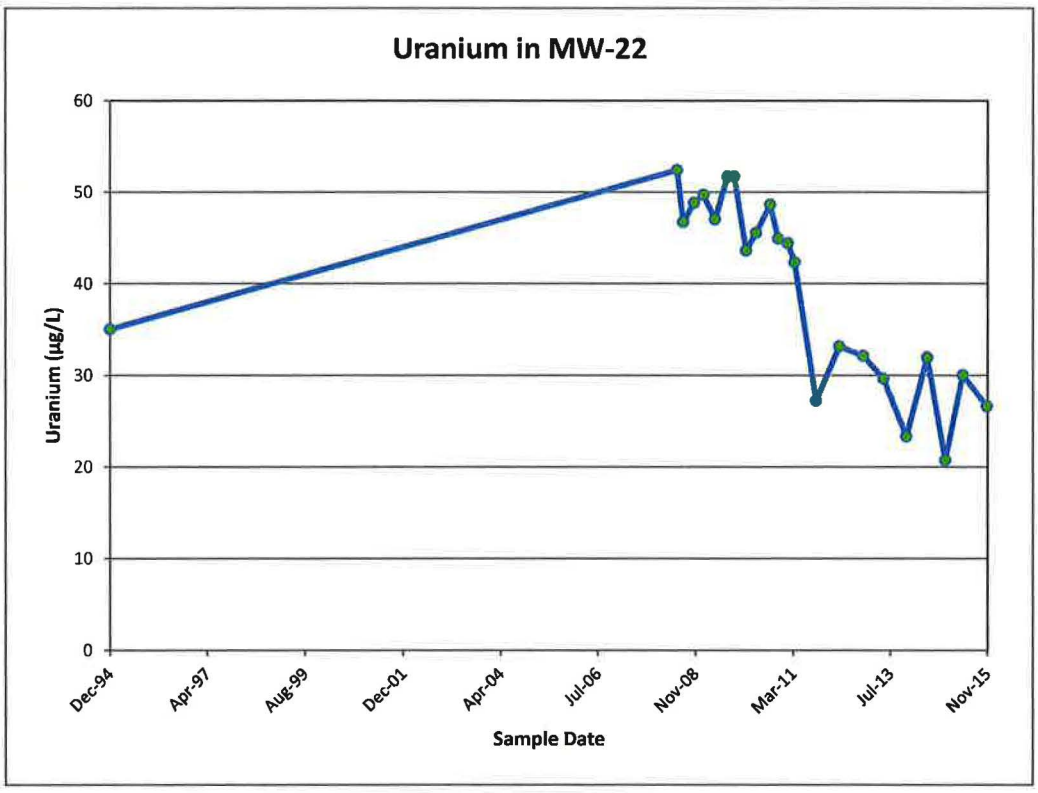
INTERA

Detected Values

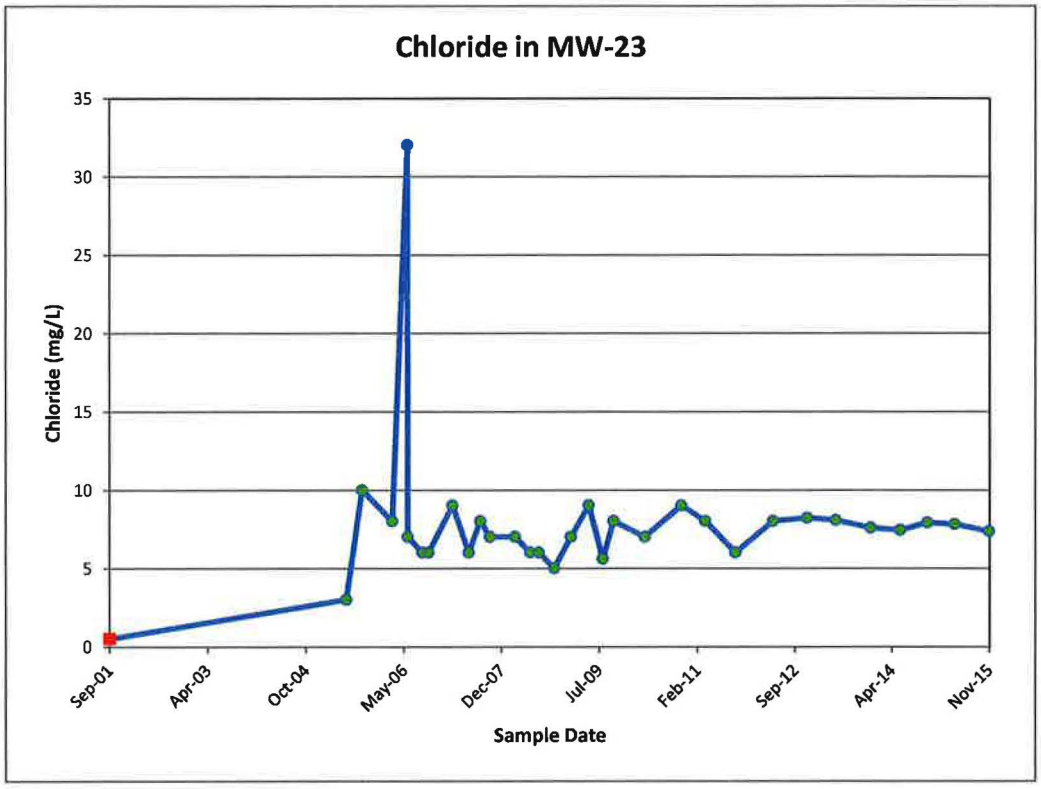
Non-Detected Values

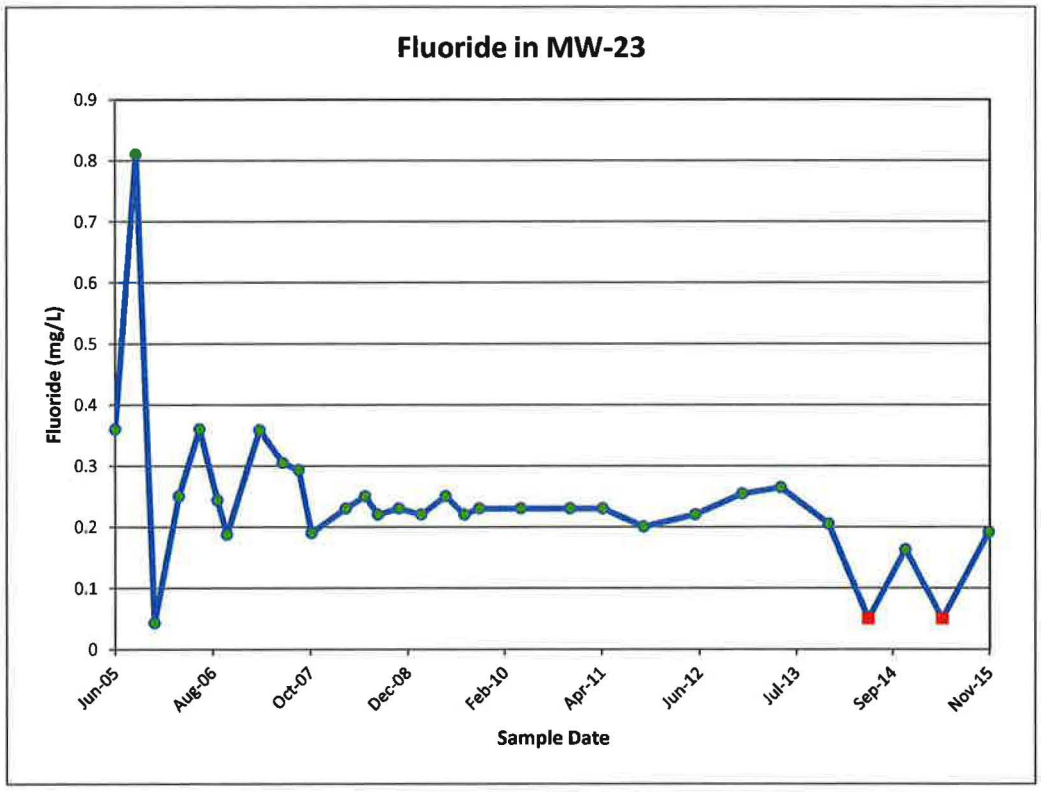
Time concentration plots for MW-22





Time concentration plots for MW-23

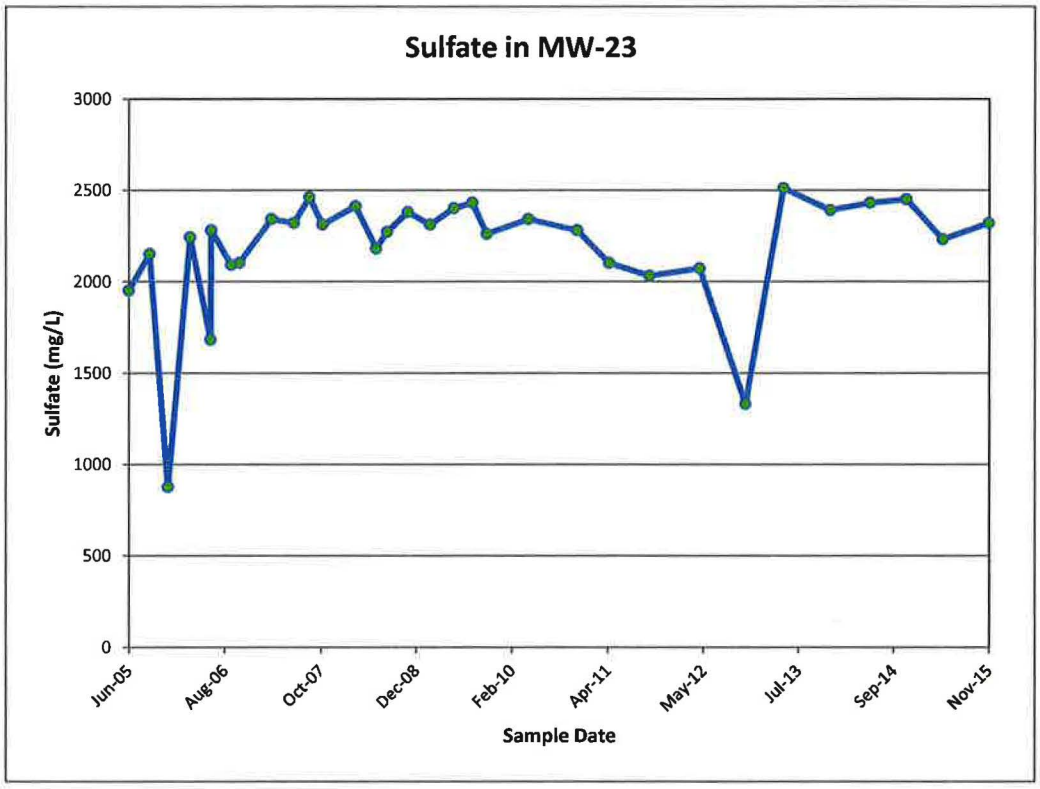


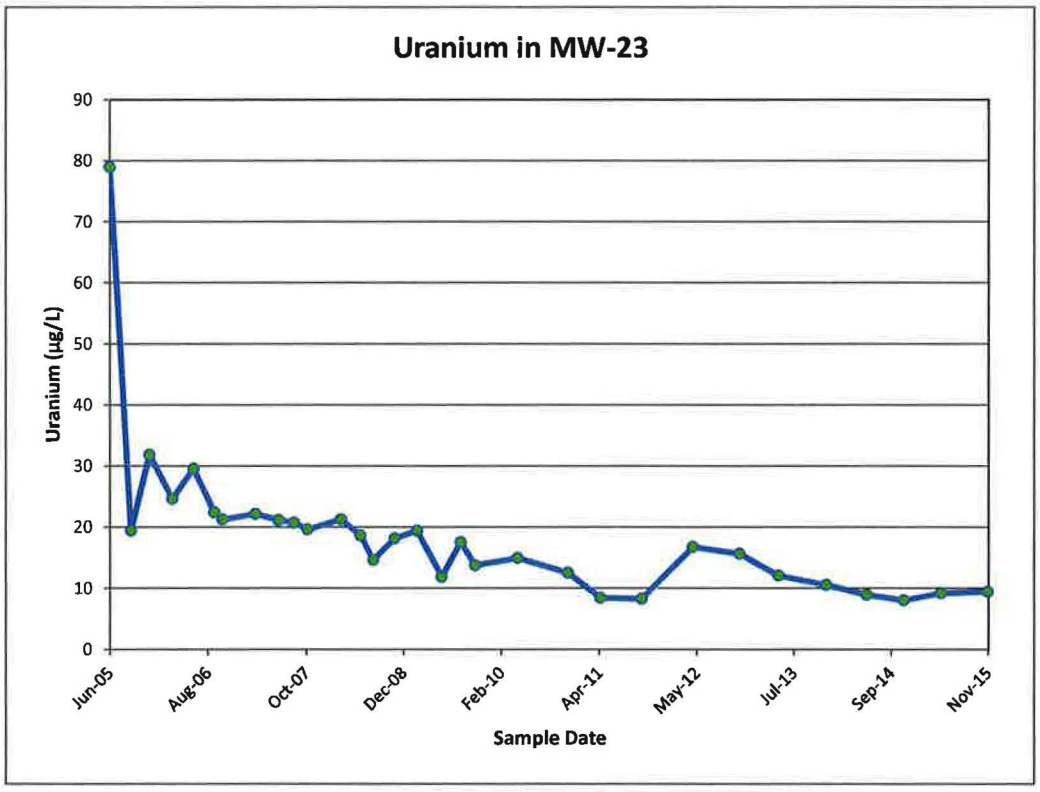


Detected Values

Non-Detected Values

Time concentration plots for MW-23

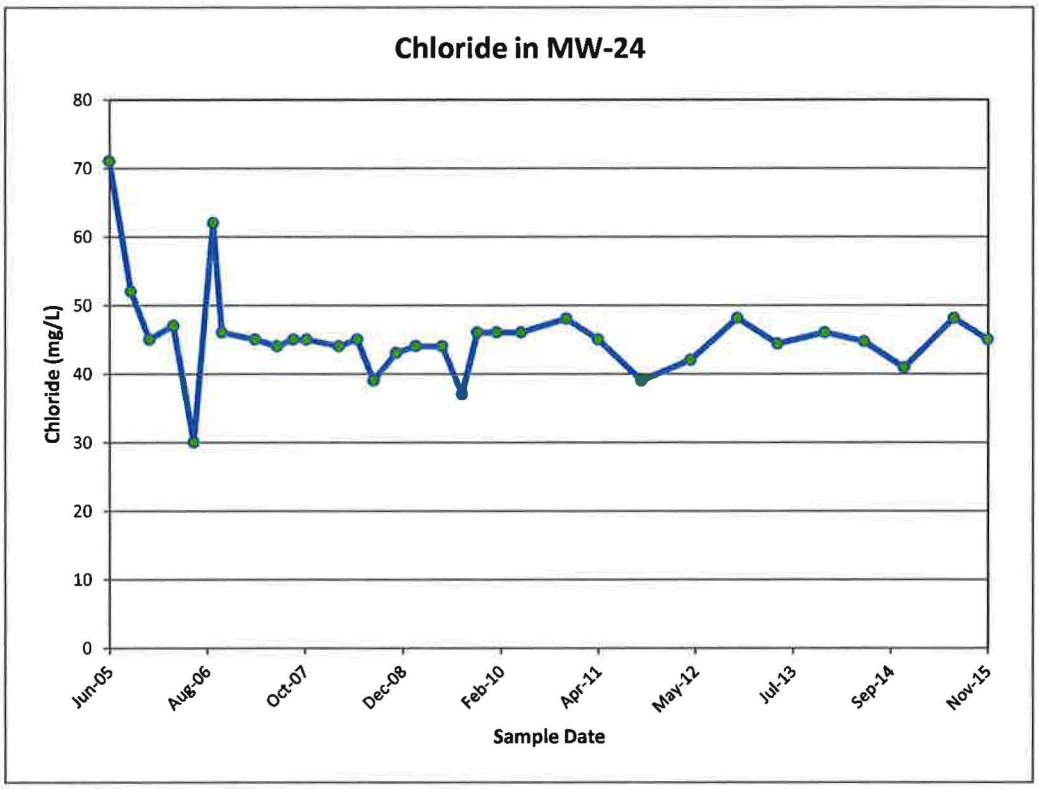


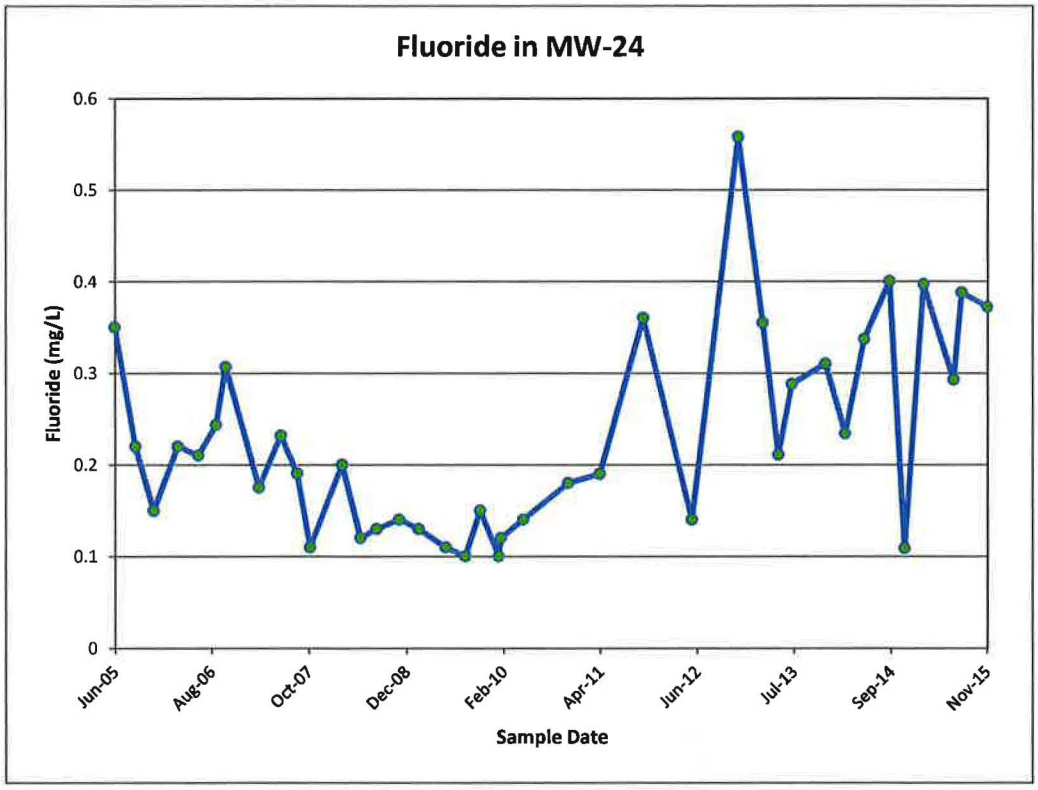


Detected Values

Non-Detected Values

Time concentration plots for MW-24



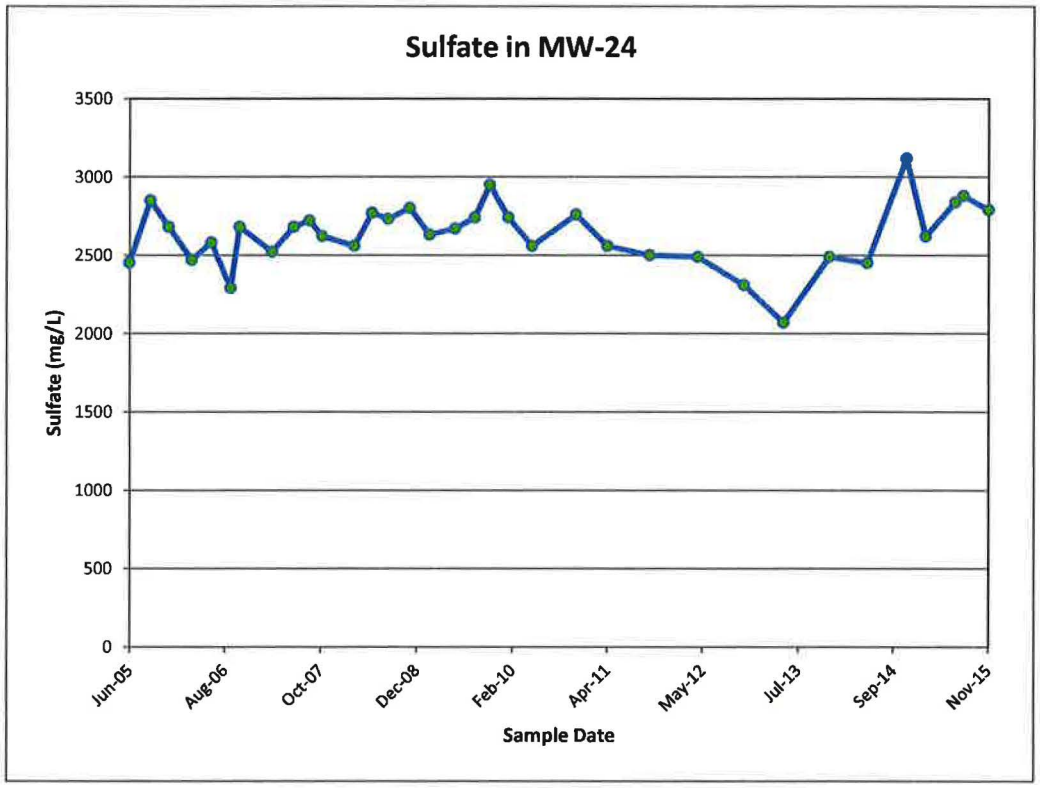


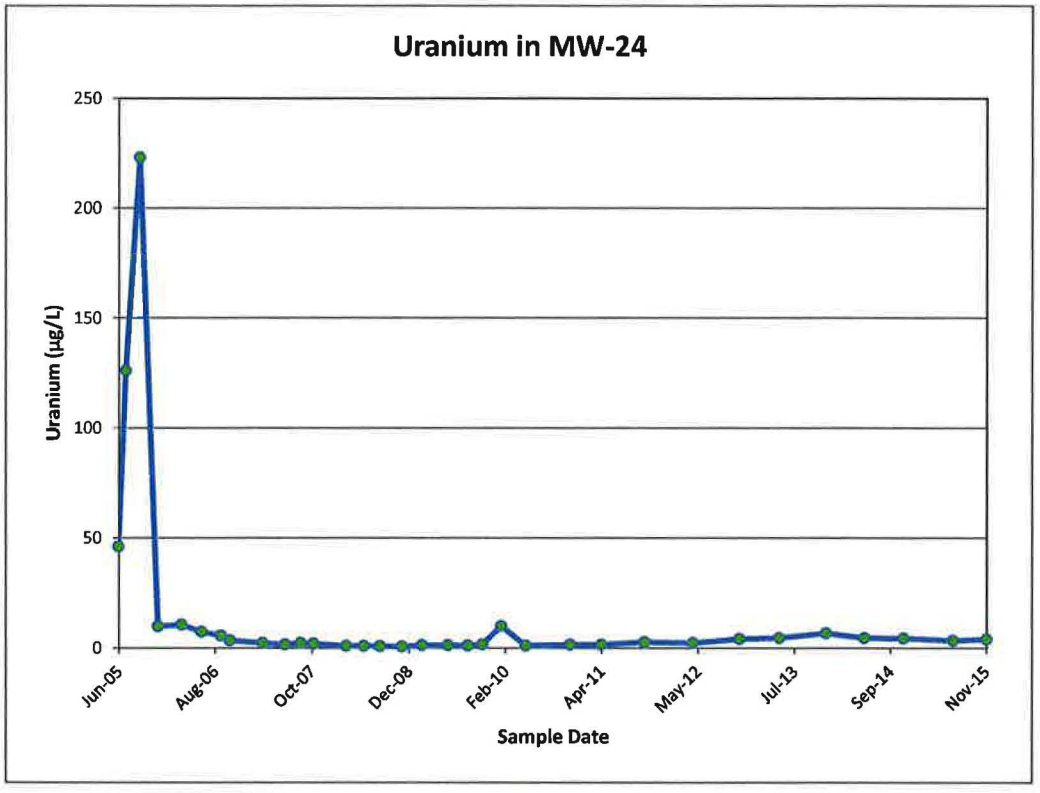
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-24



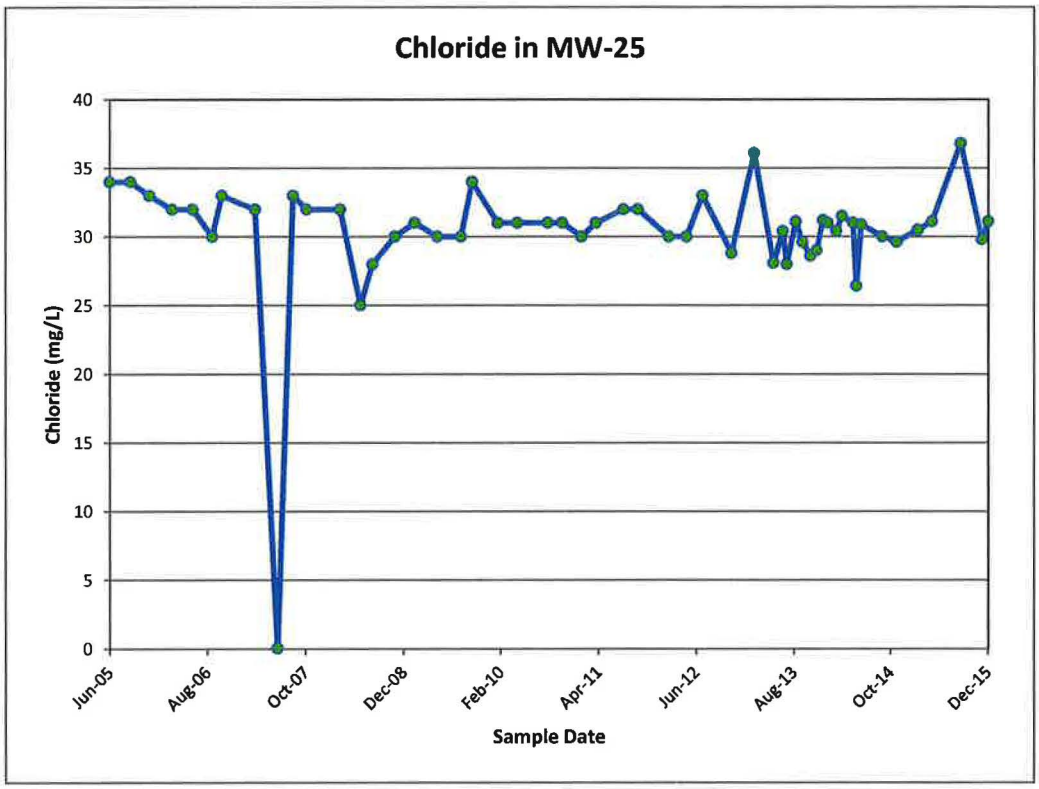


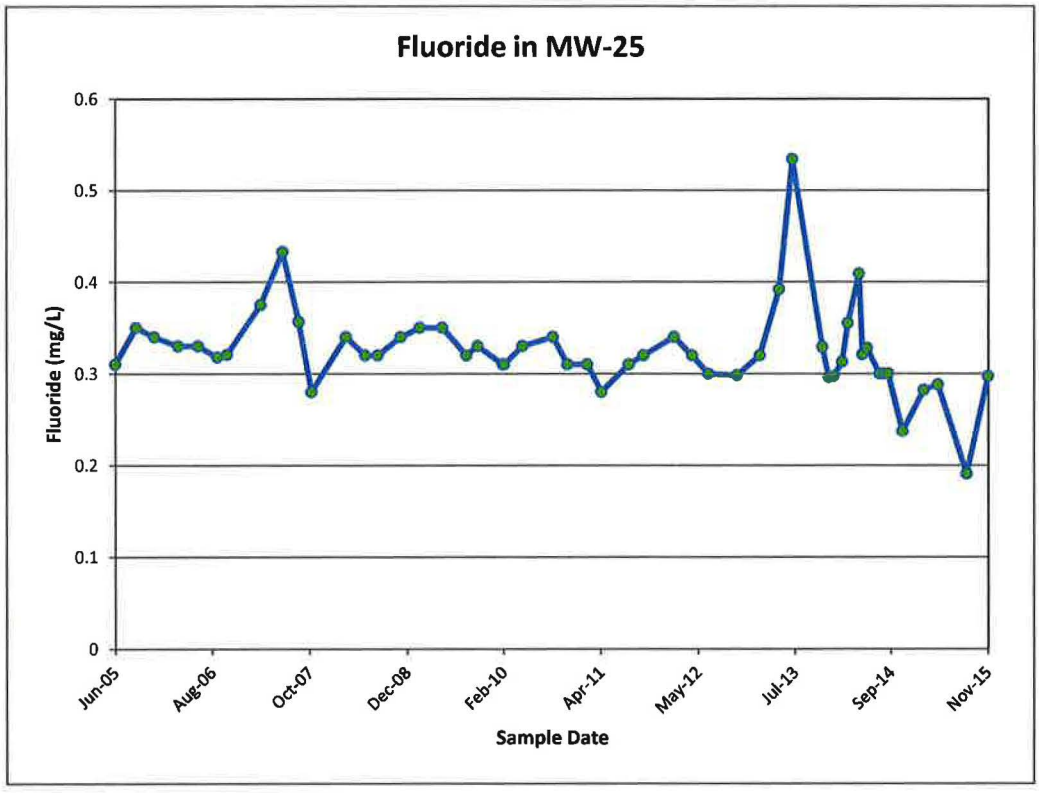
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-25



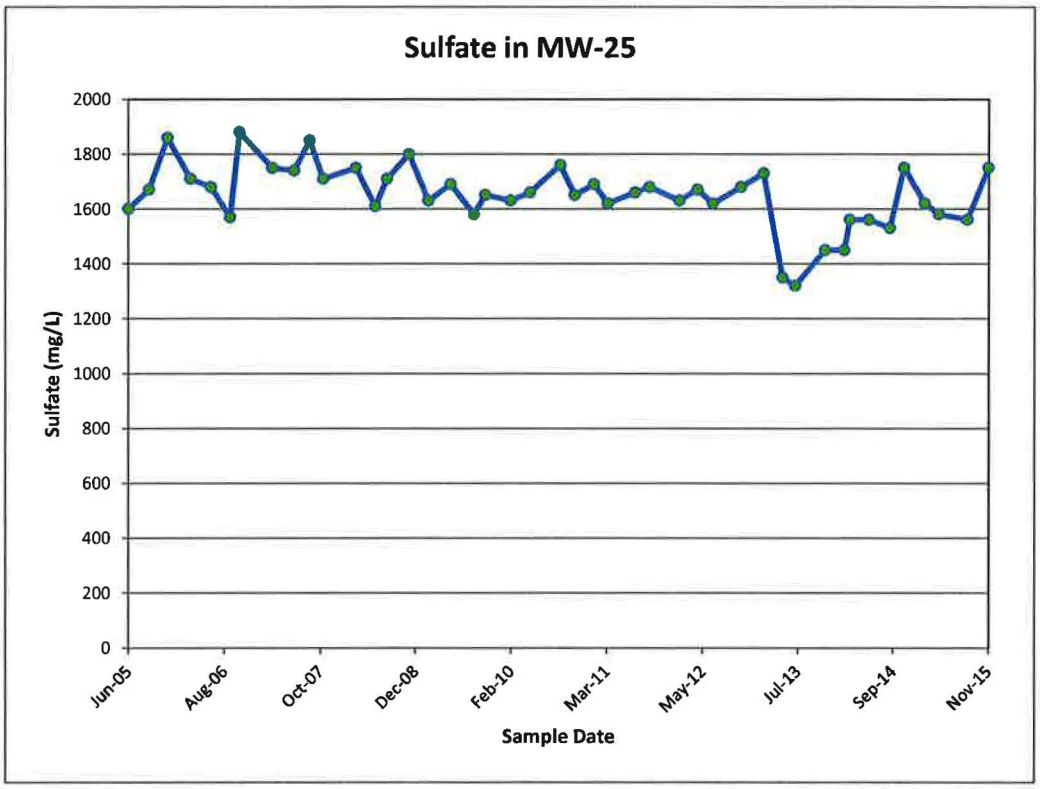


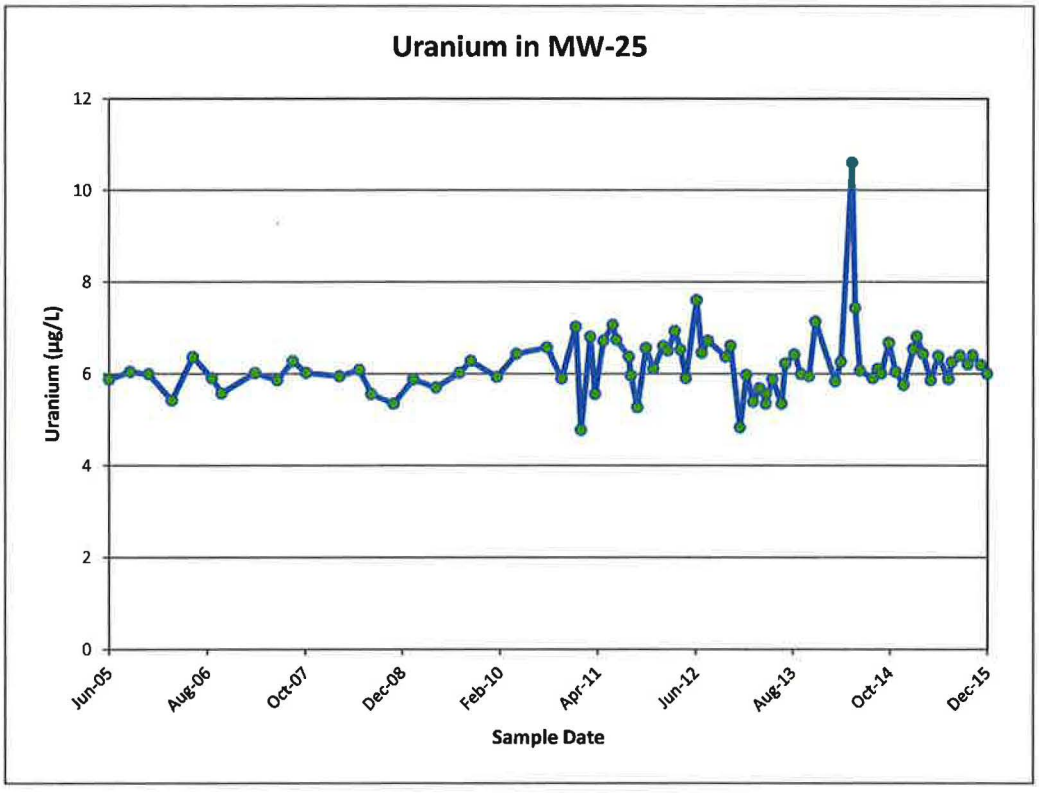
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-25



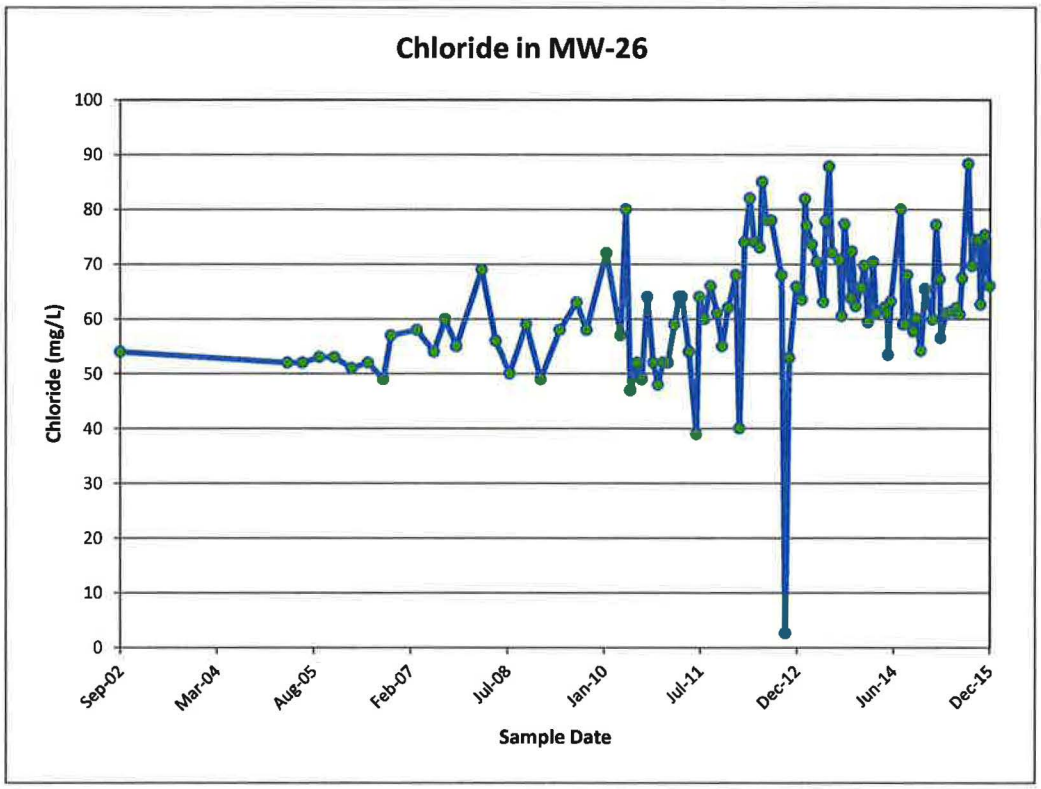


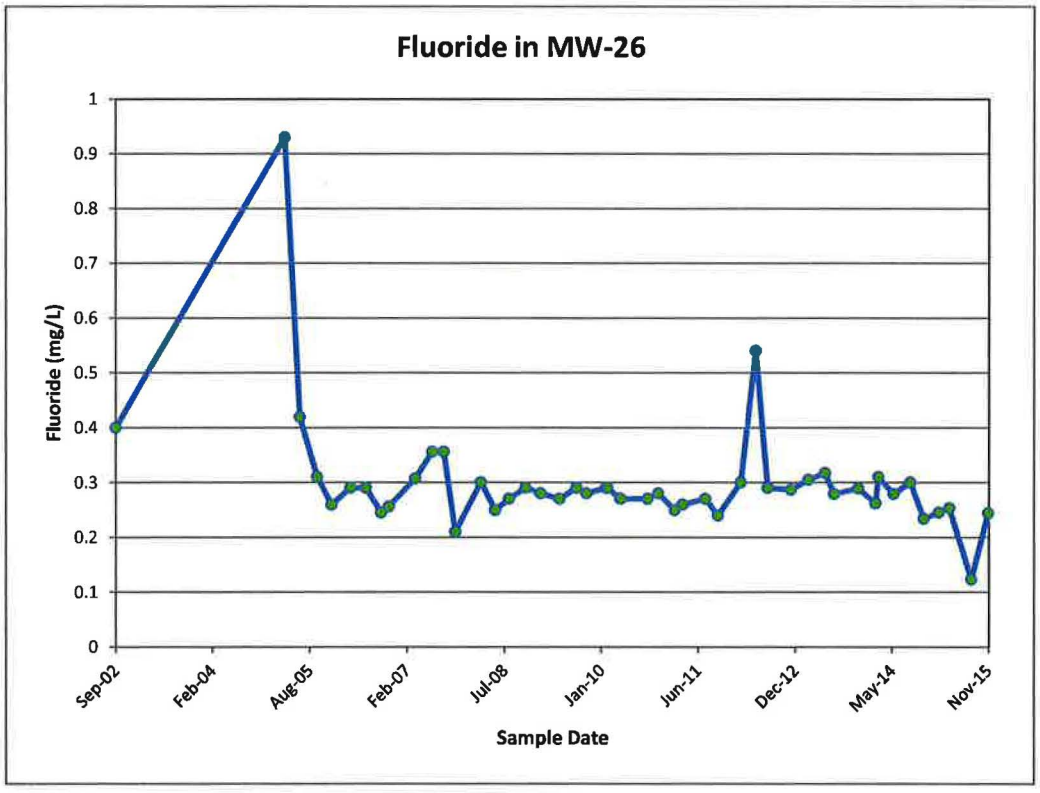
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-26



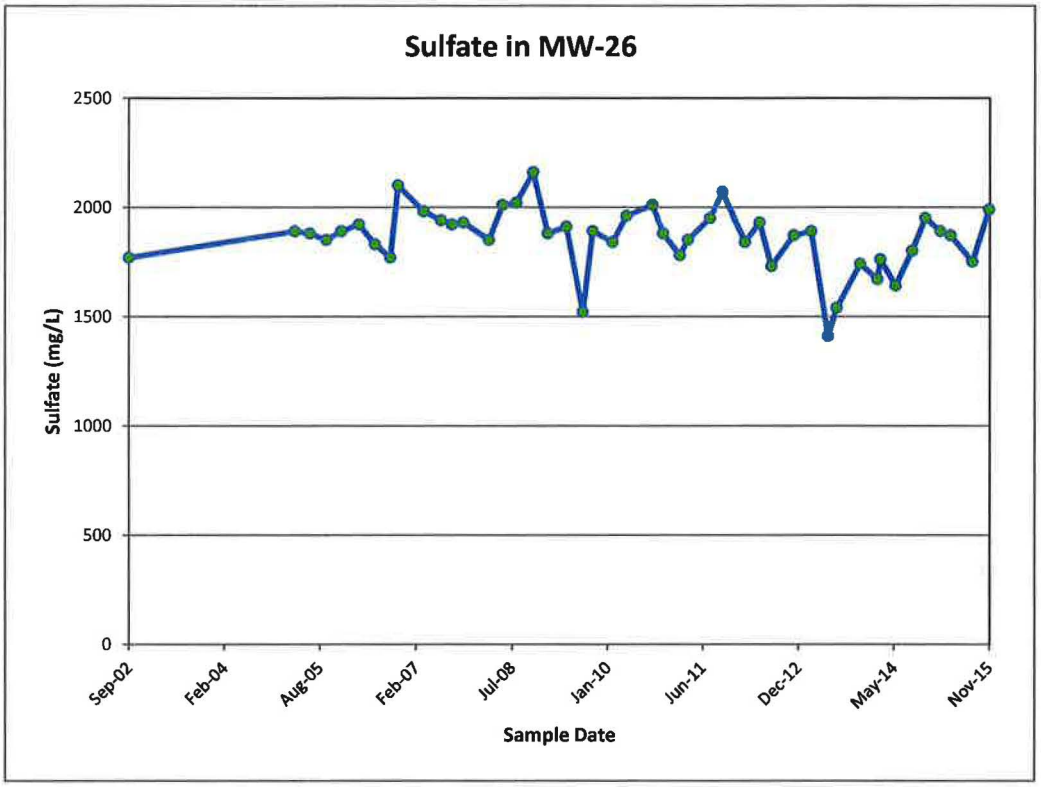


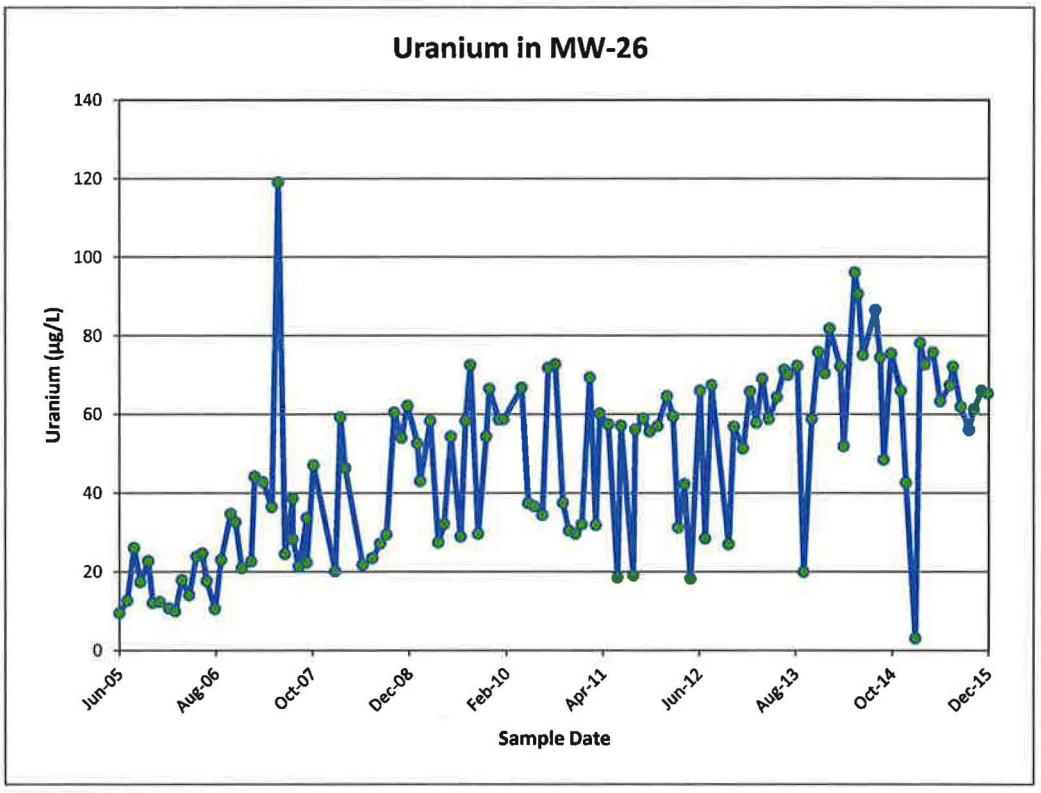
INTERA

Detected Values

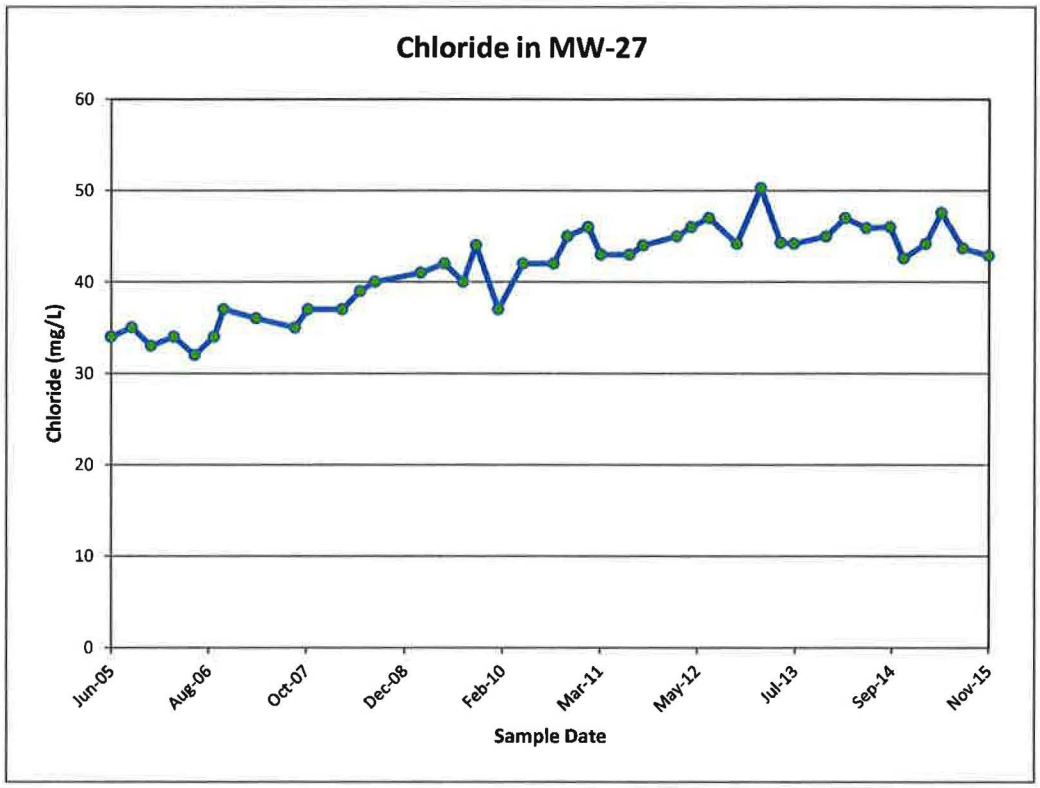
Non-Detected Values

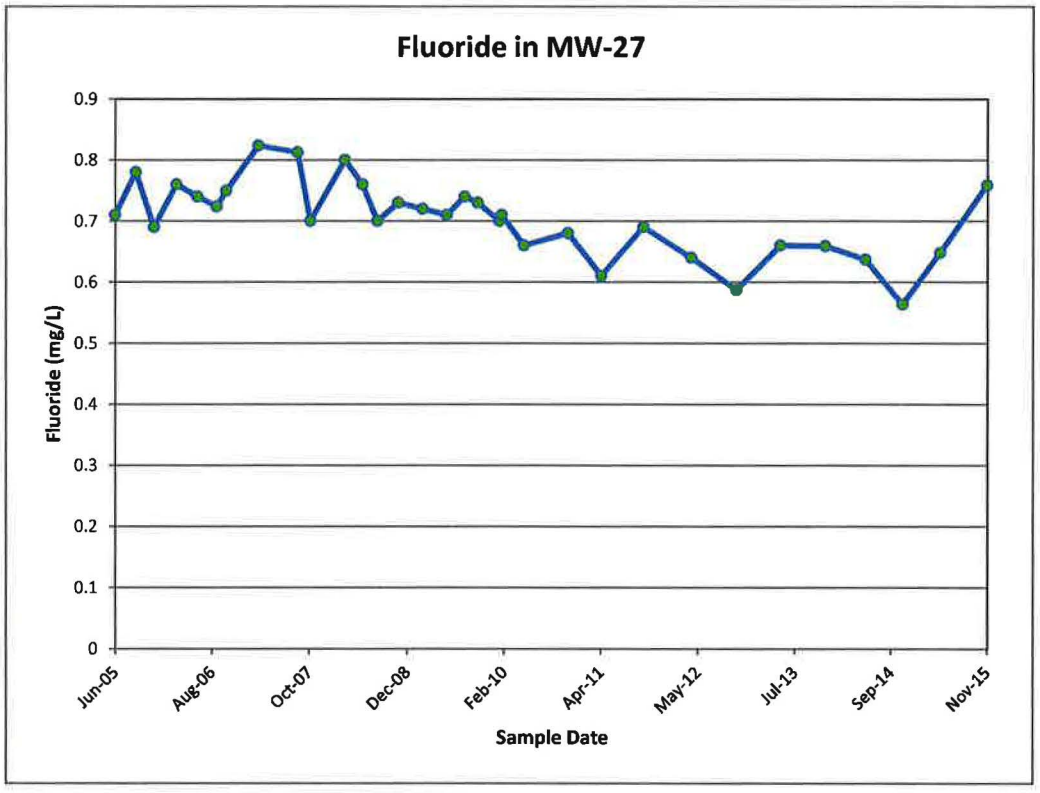
Time concentration plots for MW-26





Time concentration plots for MW-27

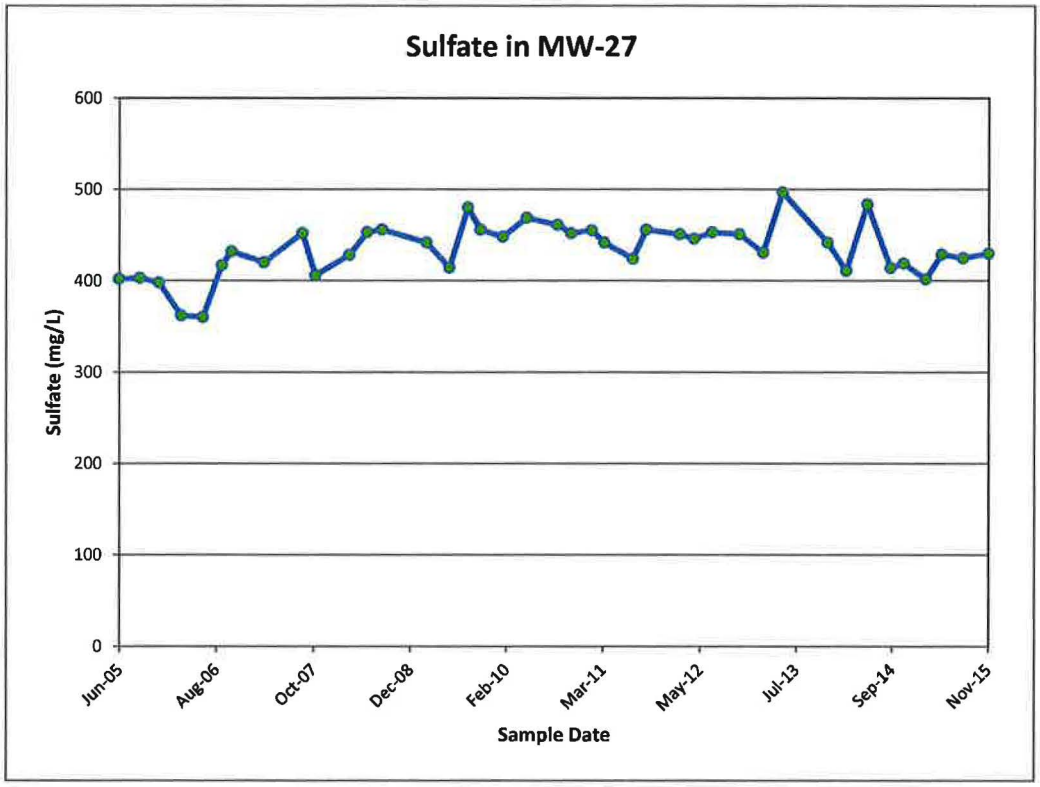


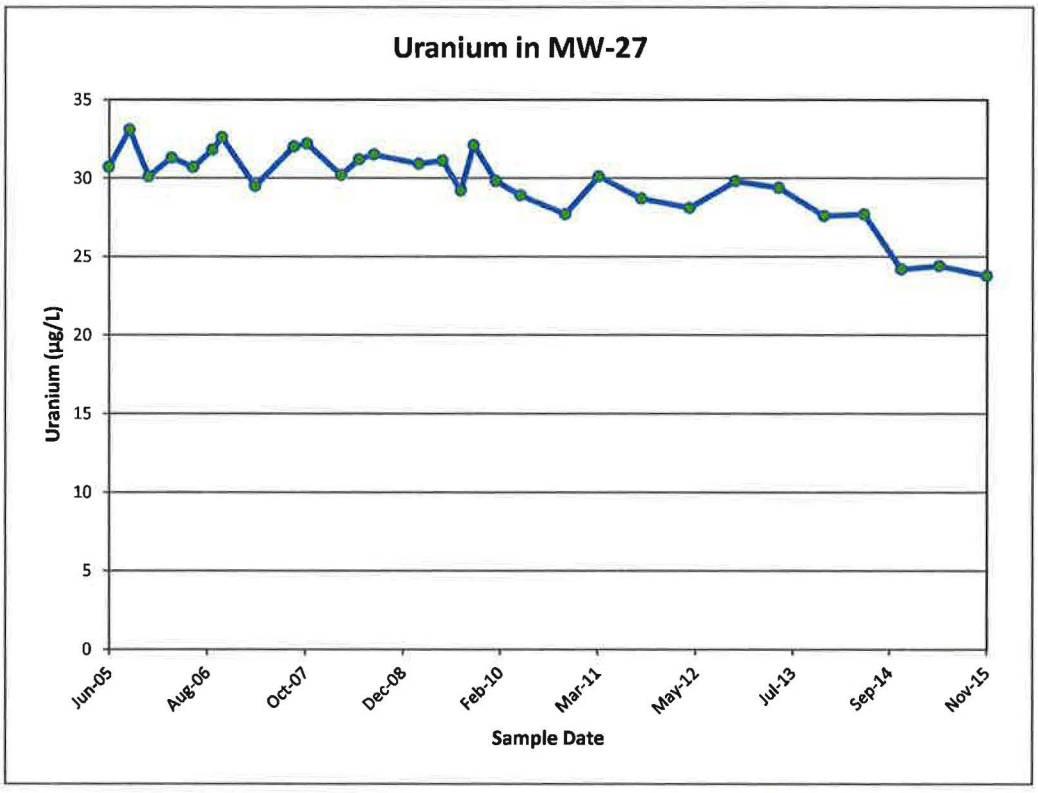


Detected Values

Non-Detected Values

Time concentration plots for MW-27

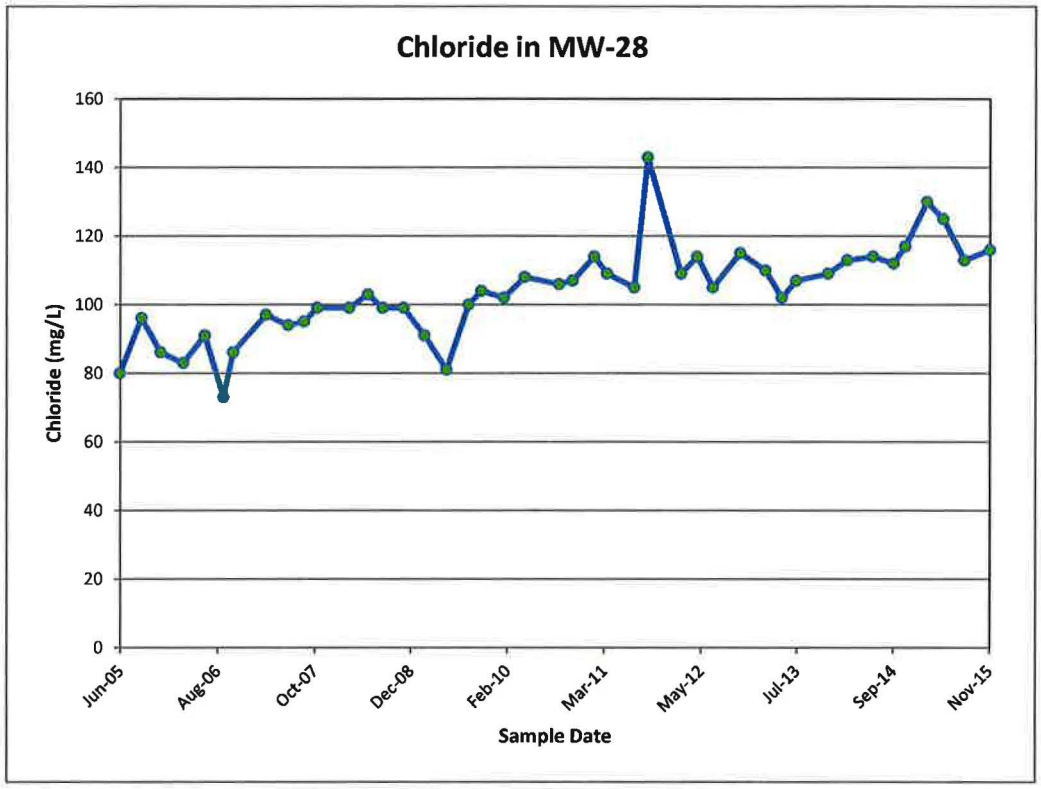


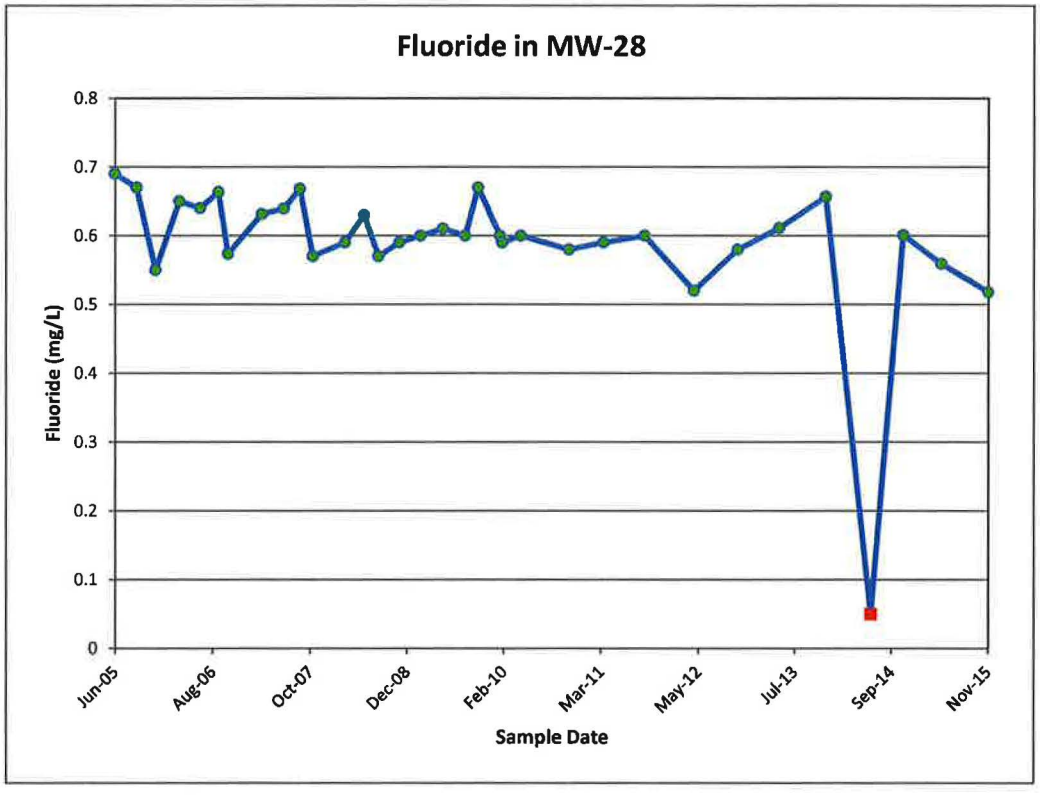


Detected Values

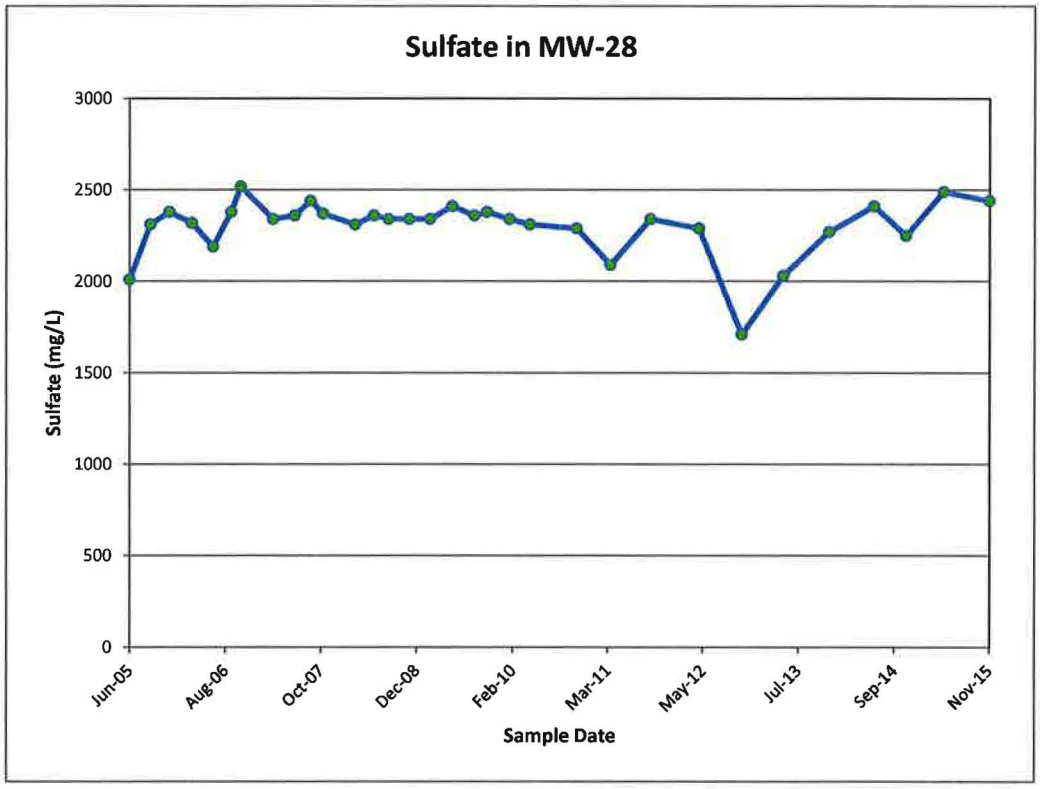
Non-Detected Values

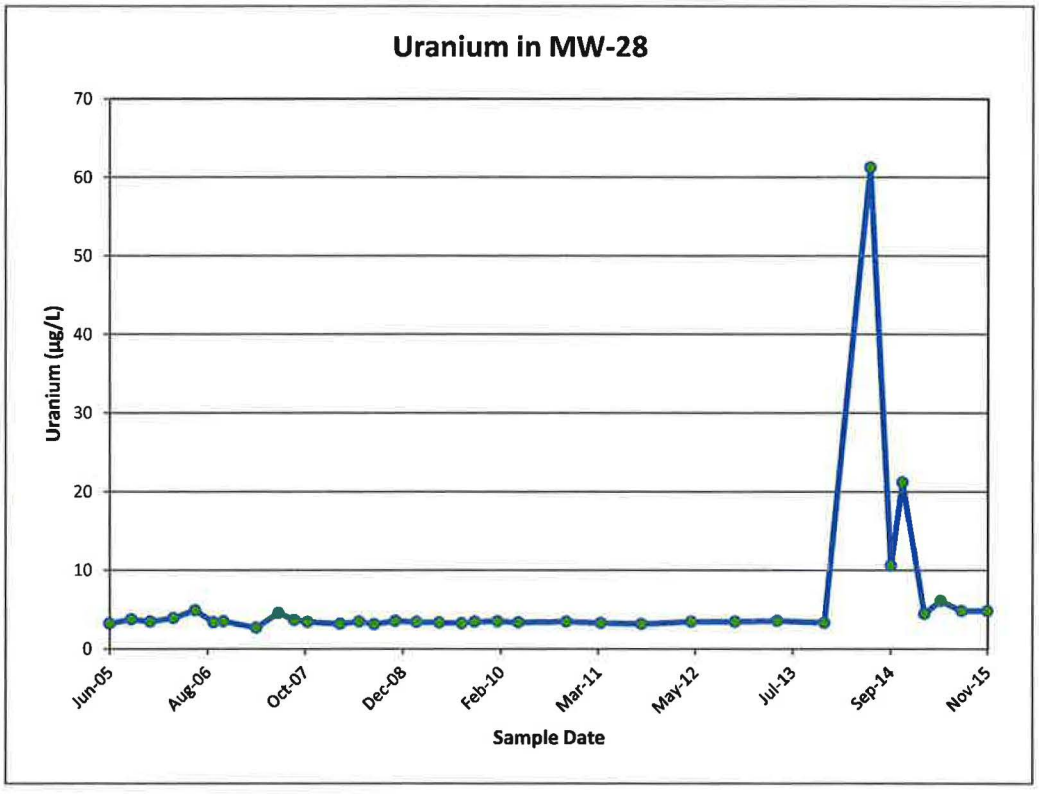
Time concentration plots for MW-28





Time concentration plots for MW-28



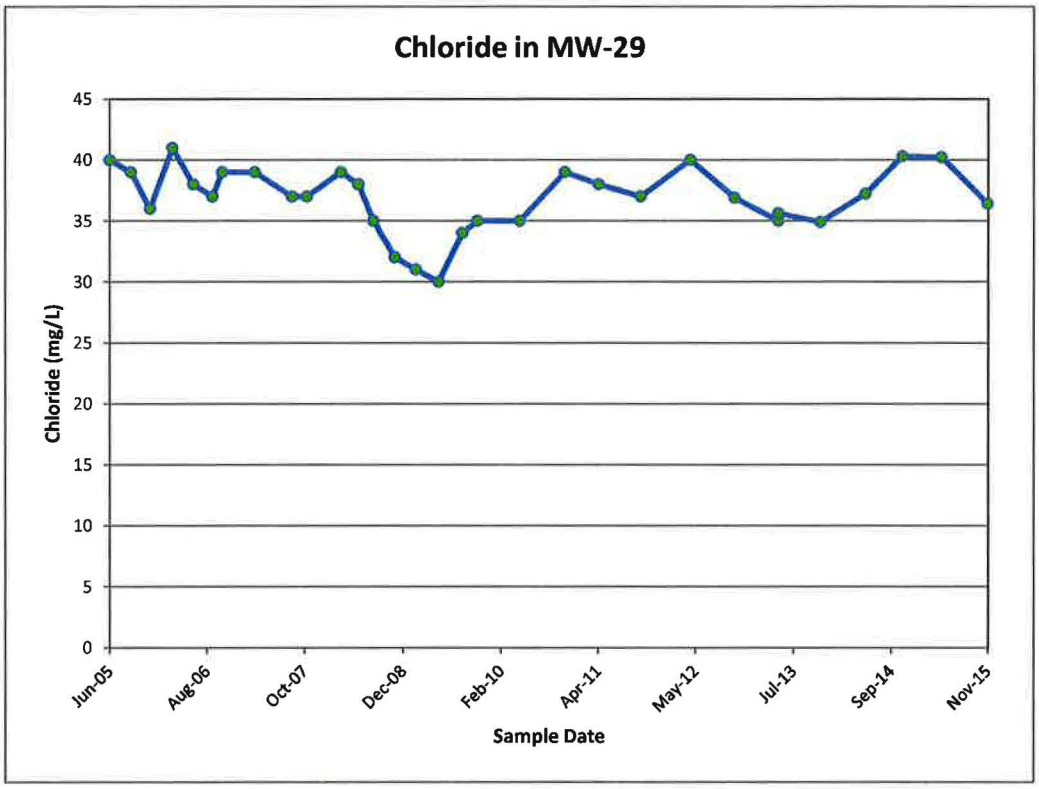


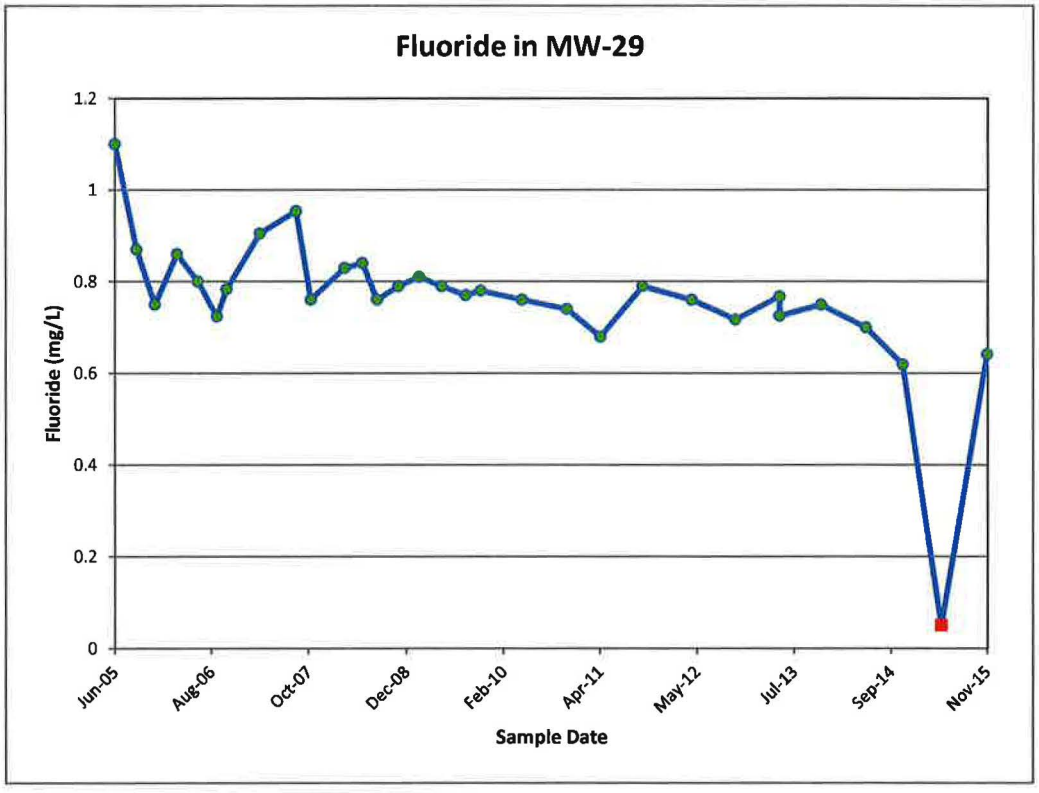
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-29



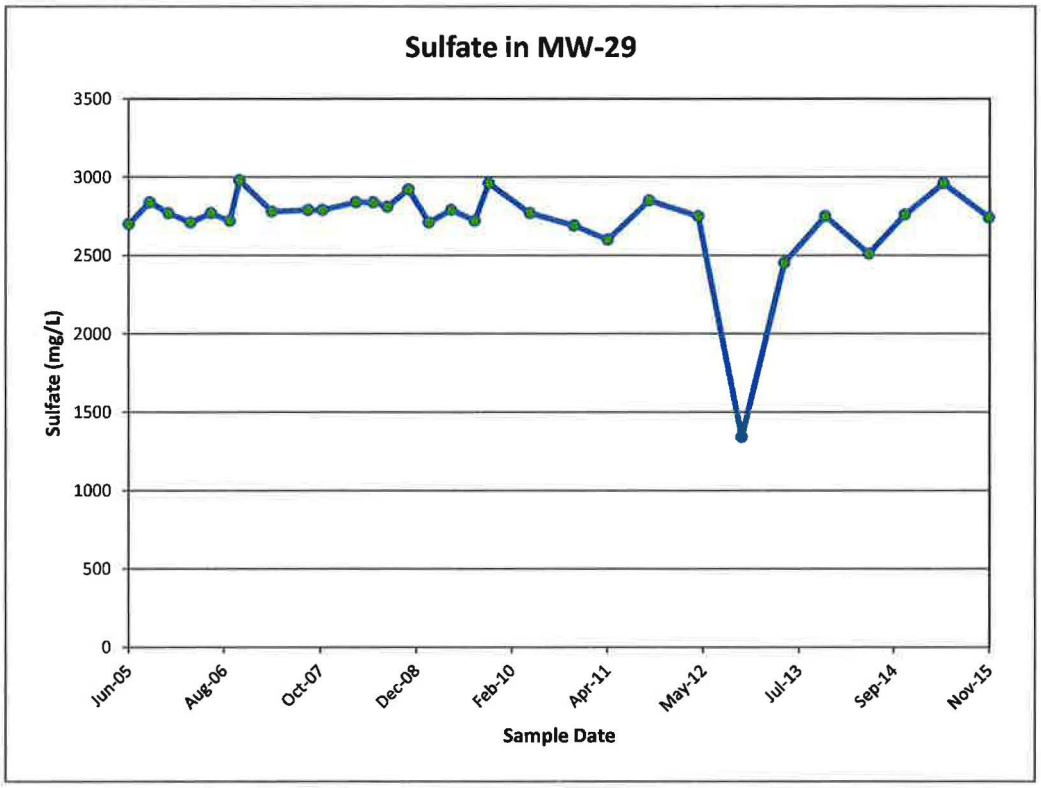


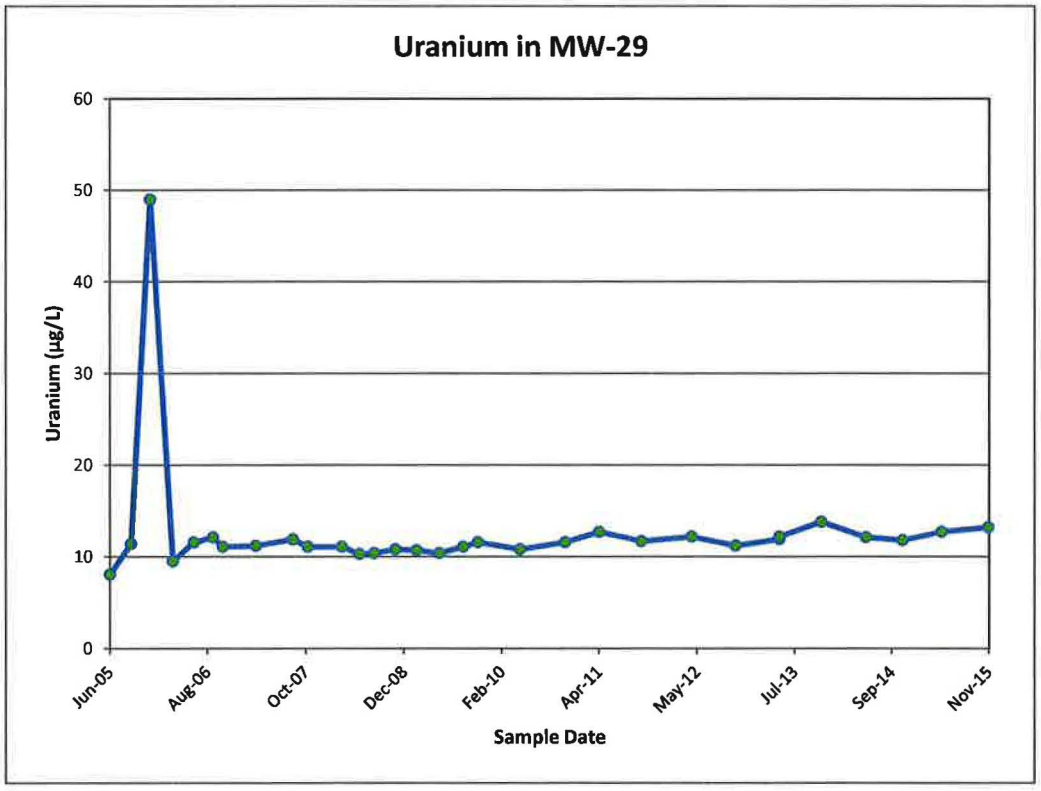
INTERA

Detected Values

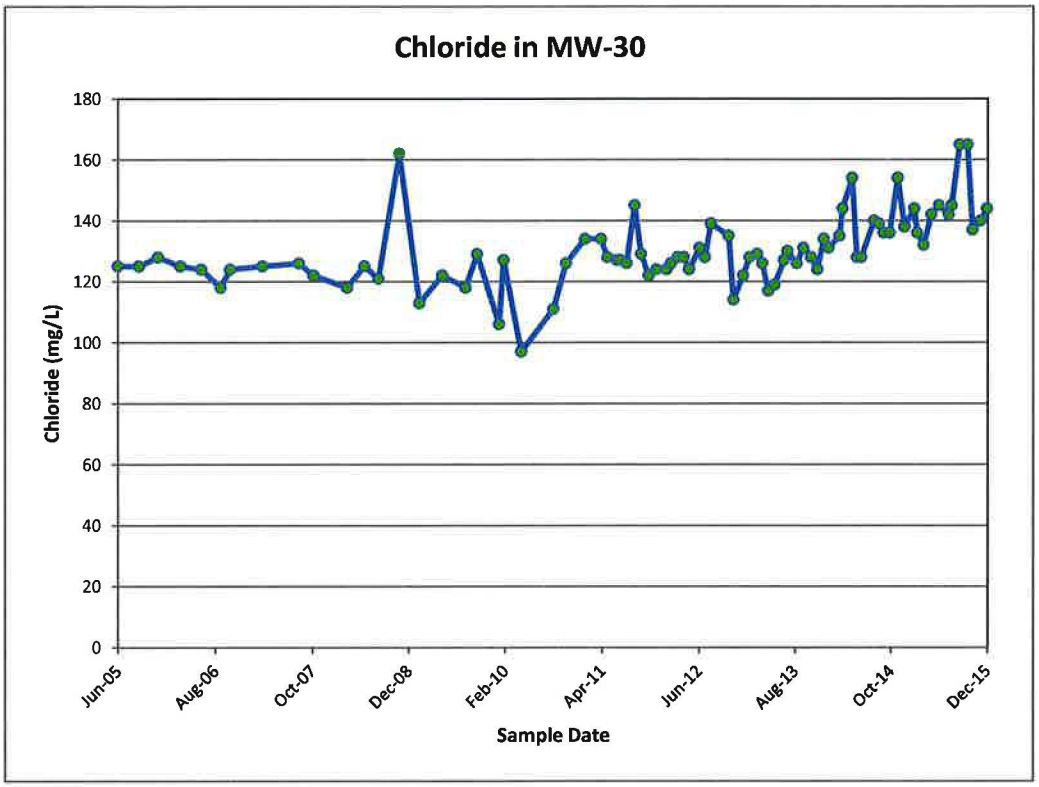
Non-Detected Values

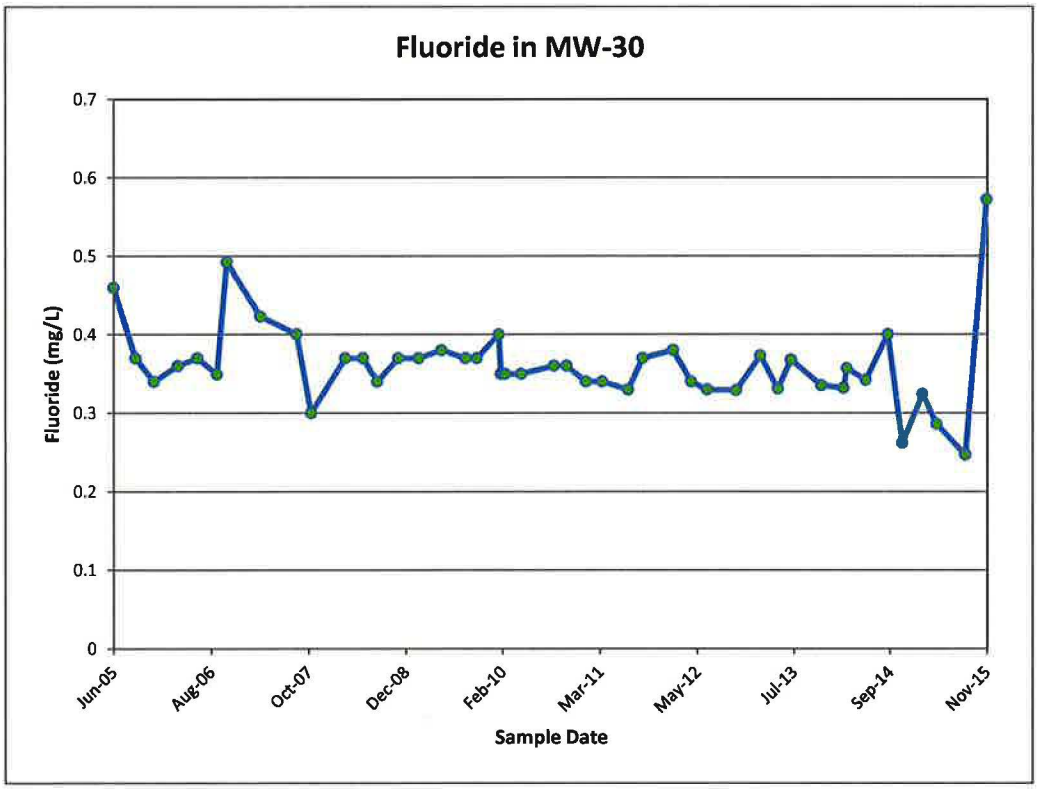
Time concentration plots for MW-29





Time concentration plots for MW-30

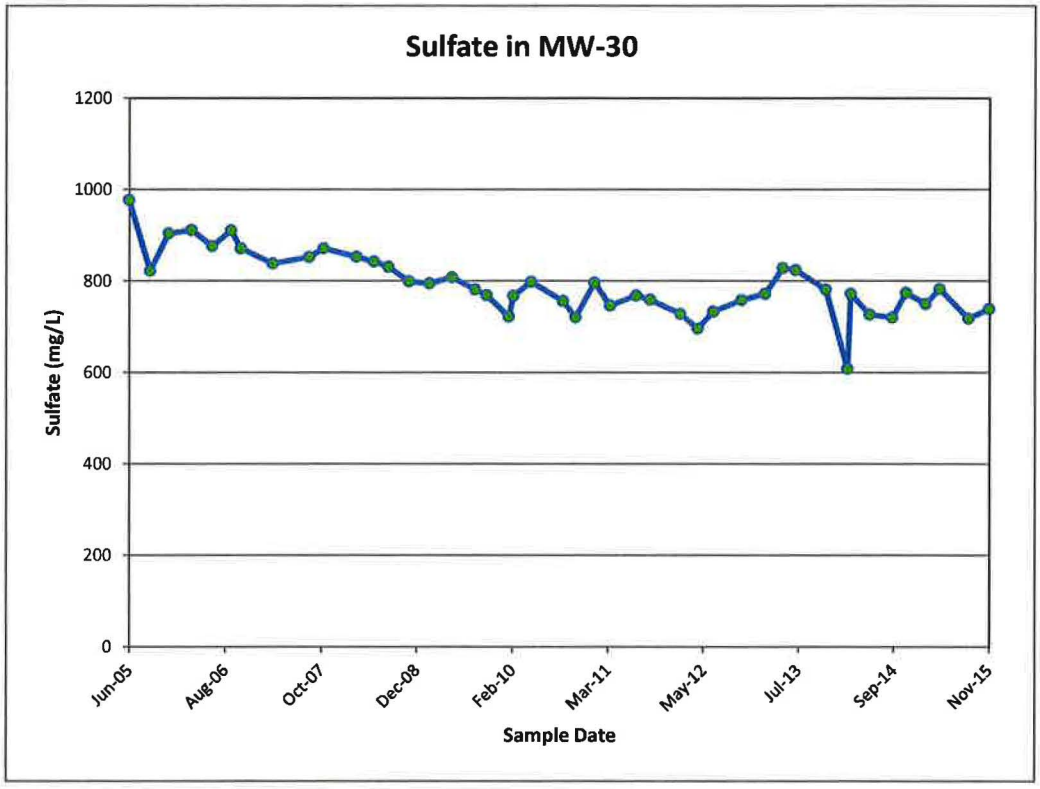


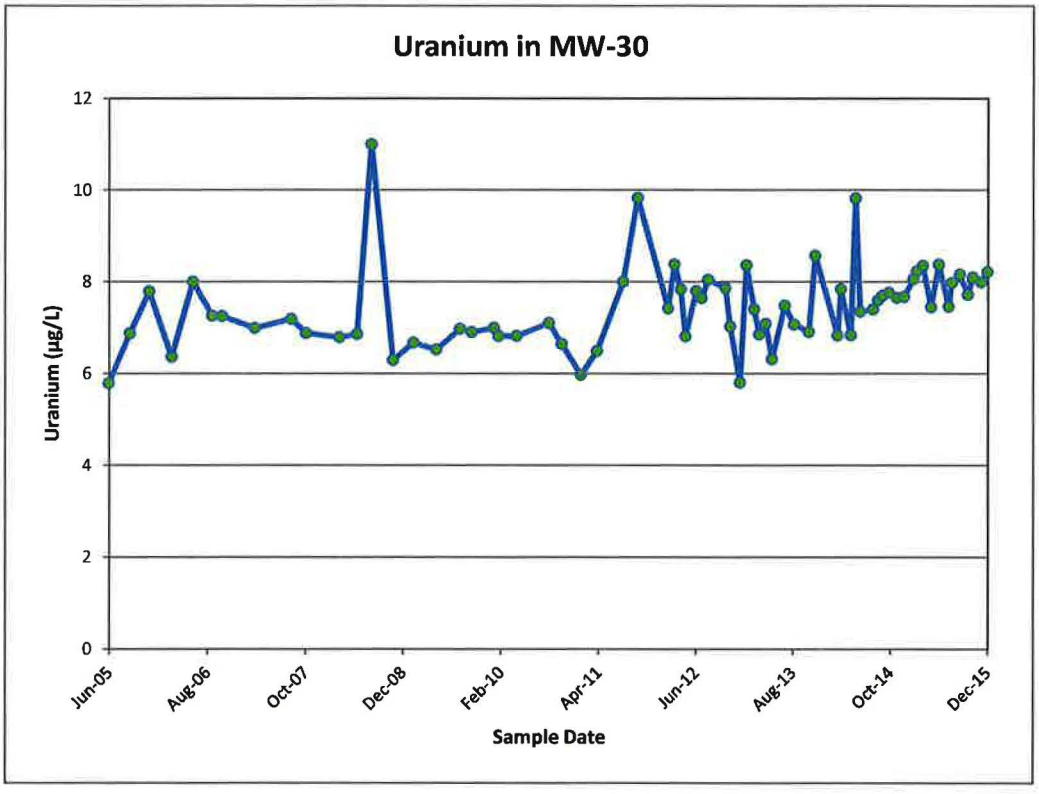


Detected Values

Non-Detected Values

Time concentration plots for MW-30



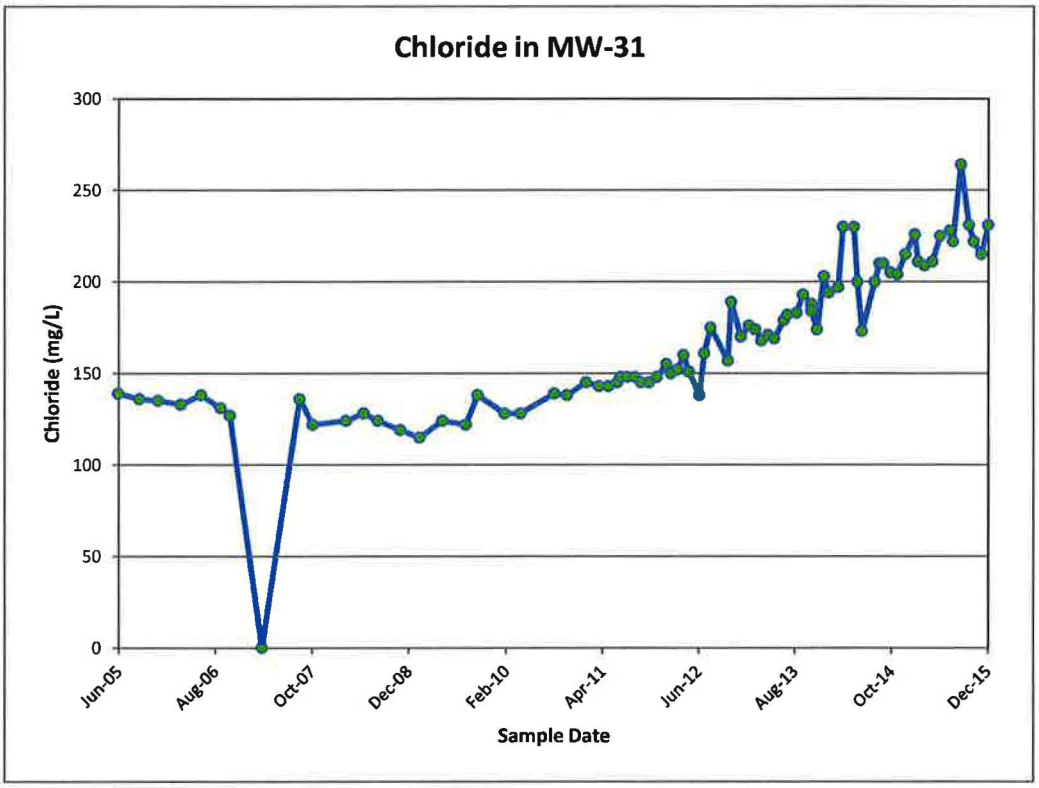


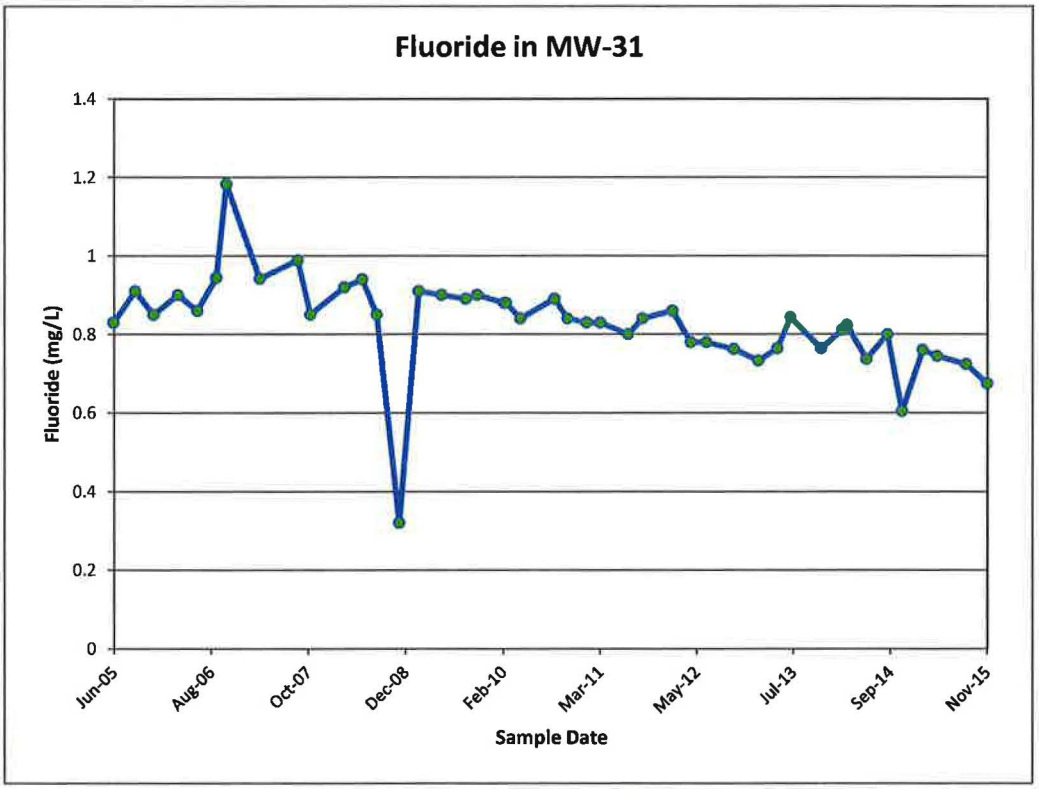
INTERA

Detected Values

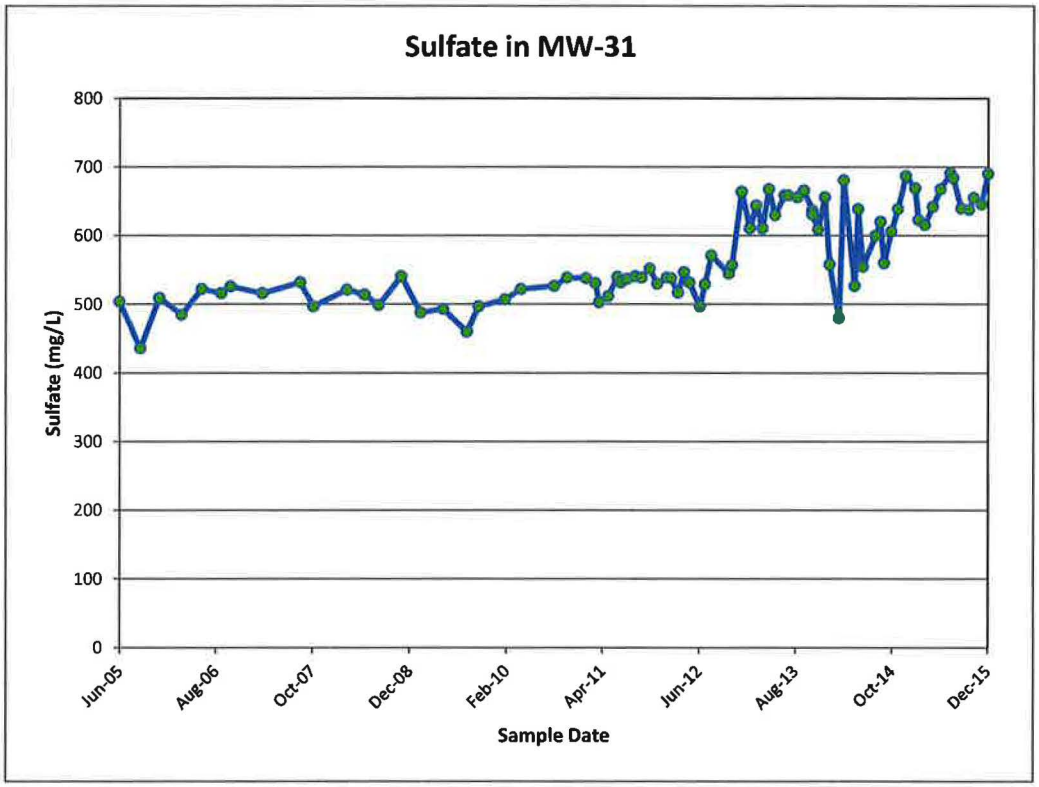
Non-Detected Values

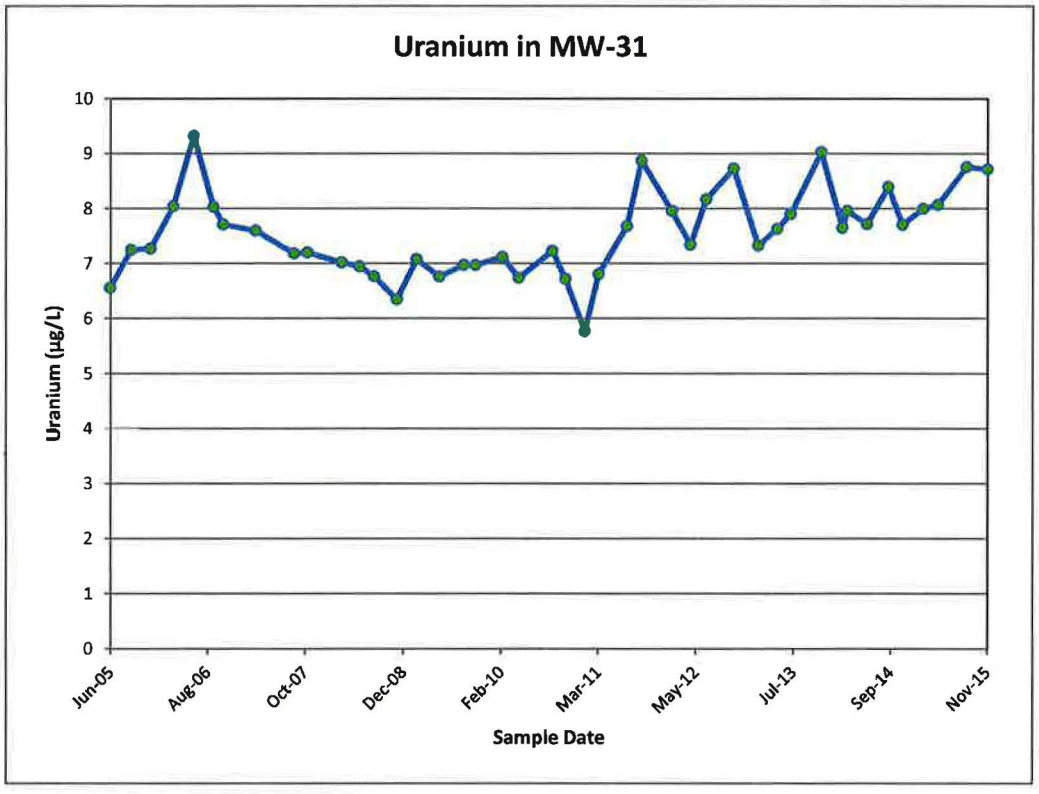
Time concentration plots for MW-31





Time concentration plots for MW-31



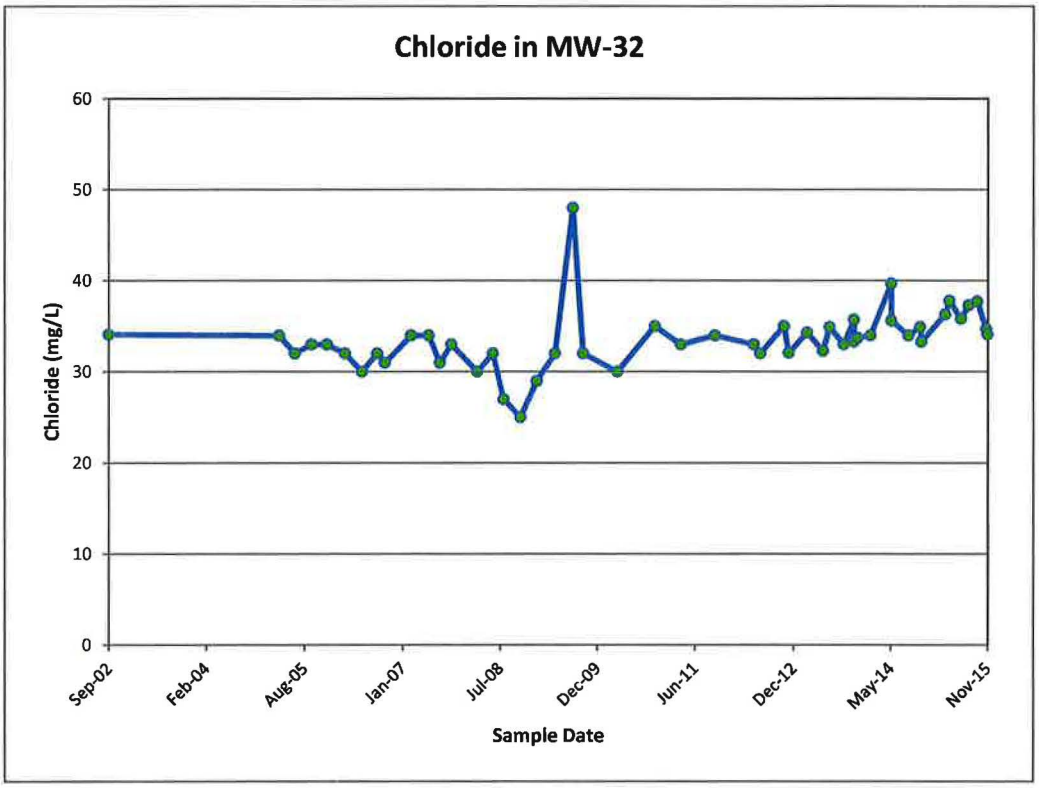


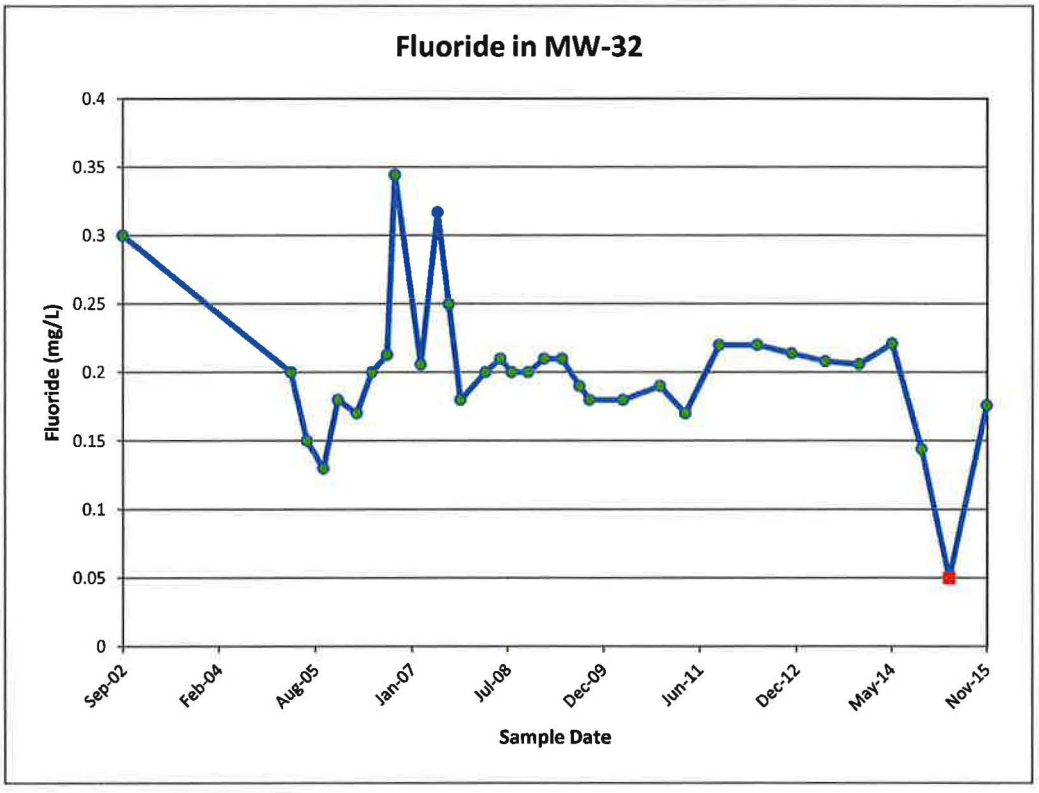
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-32



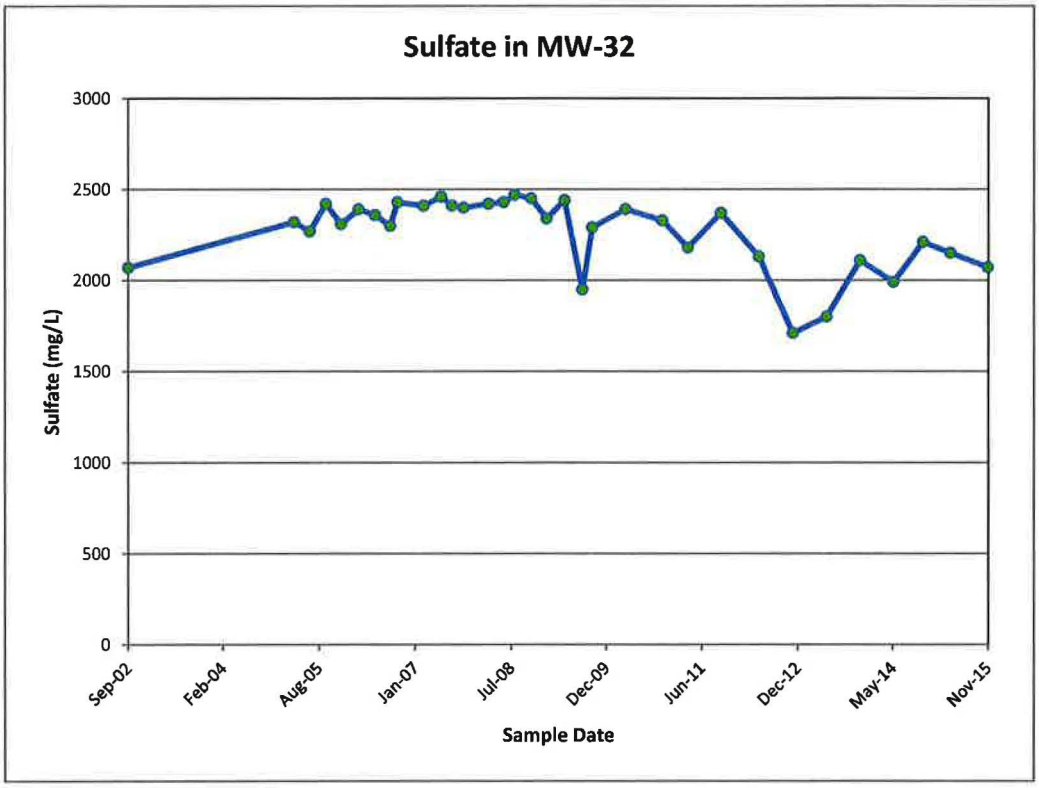


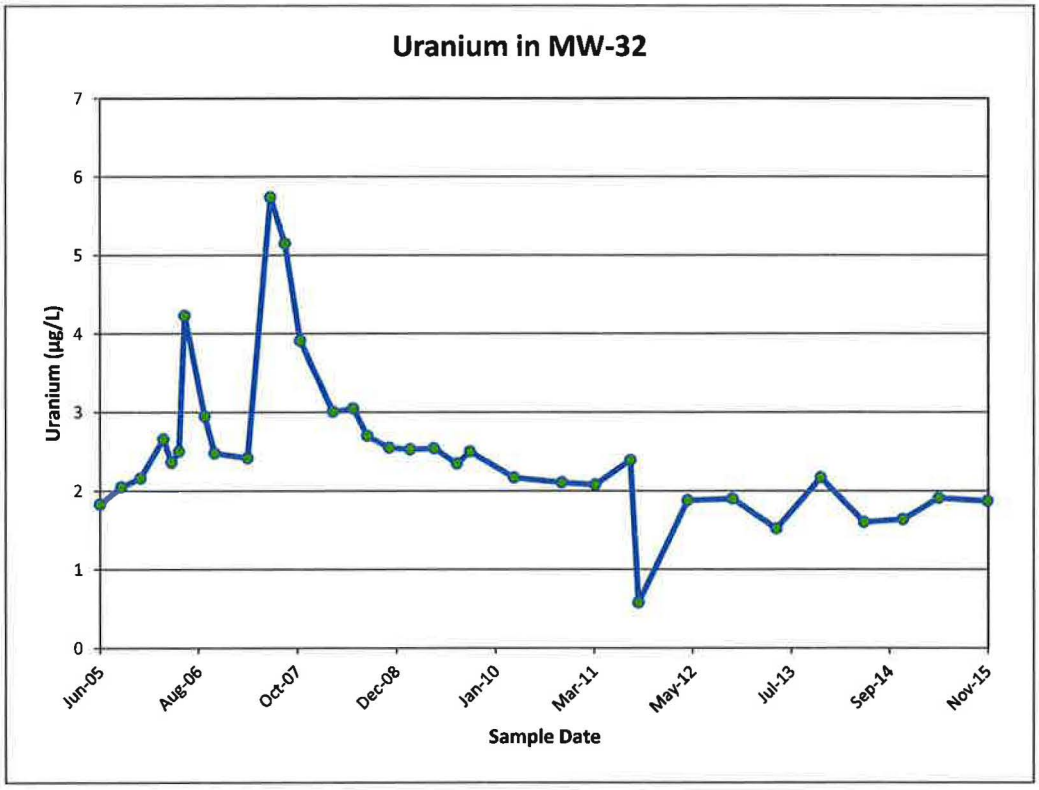
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-32



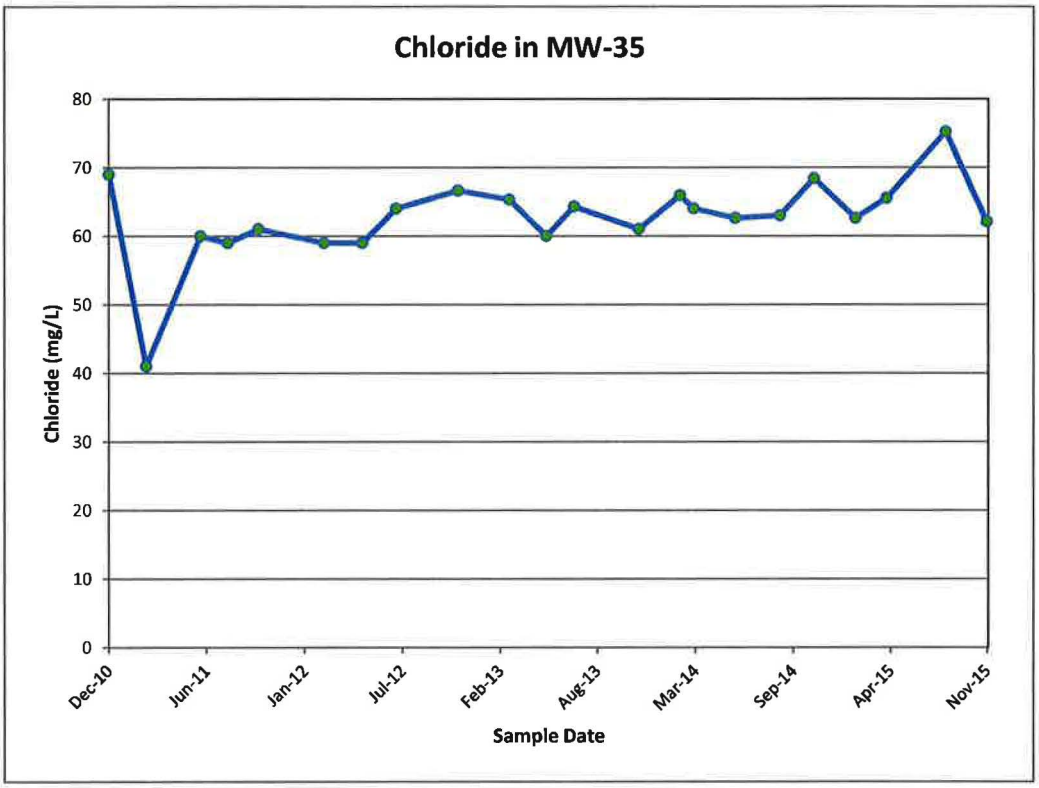


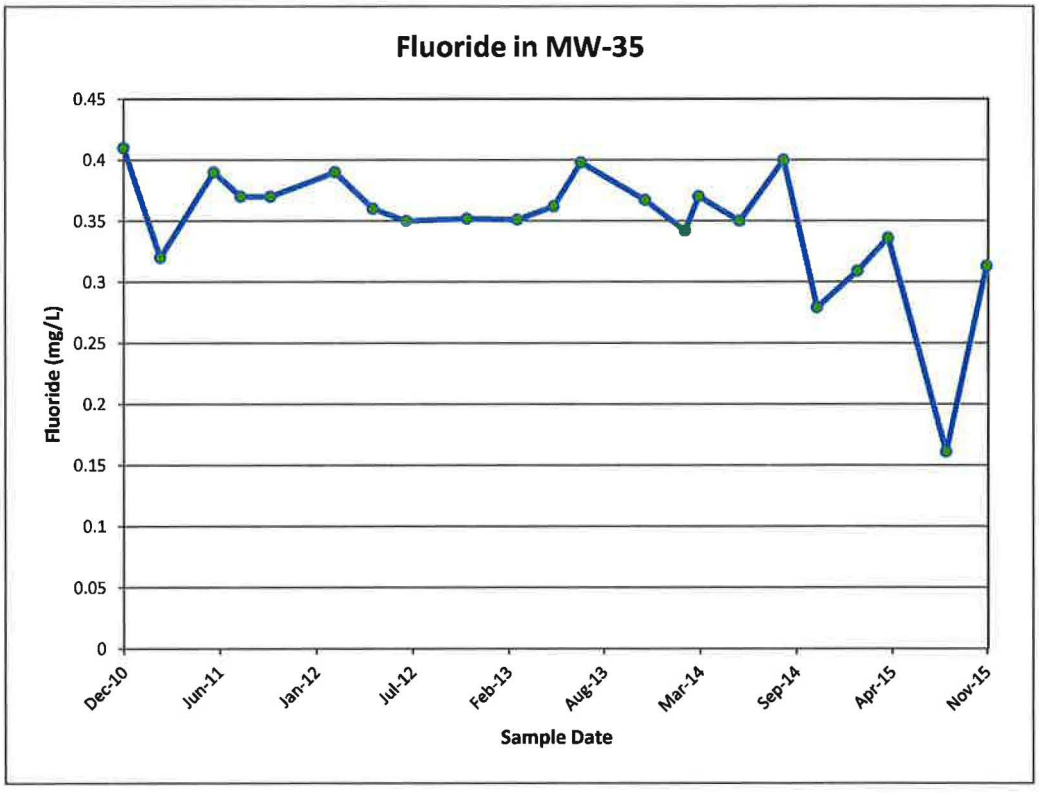
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-35

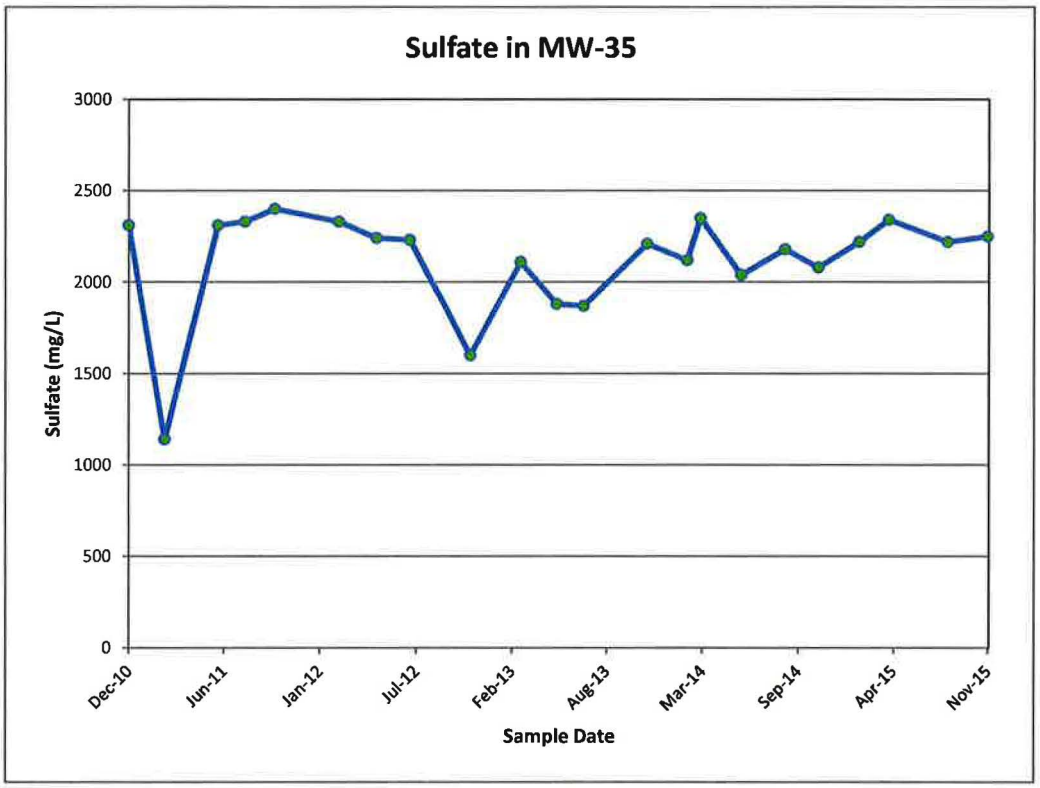


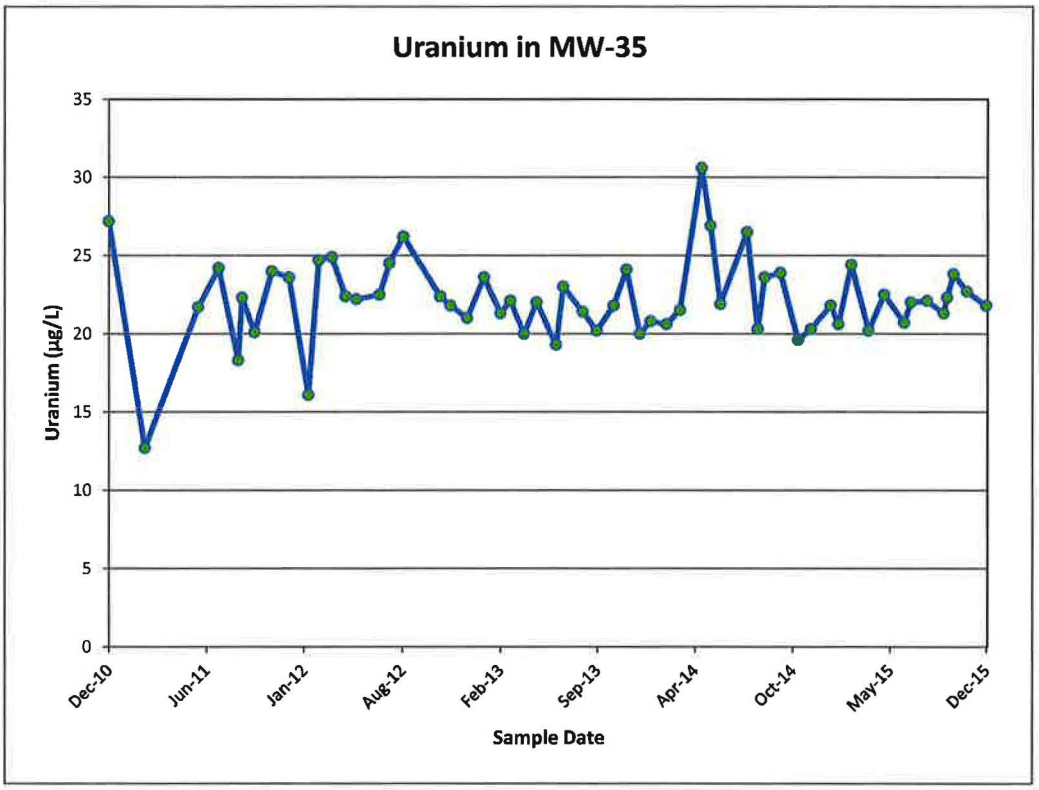


Detected Values

Non-Detected Values

Time concentration plots for MW-35



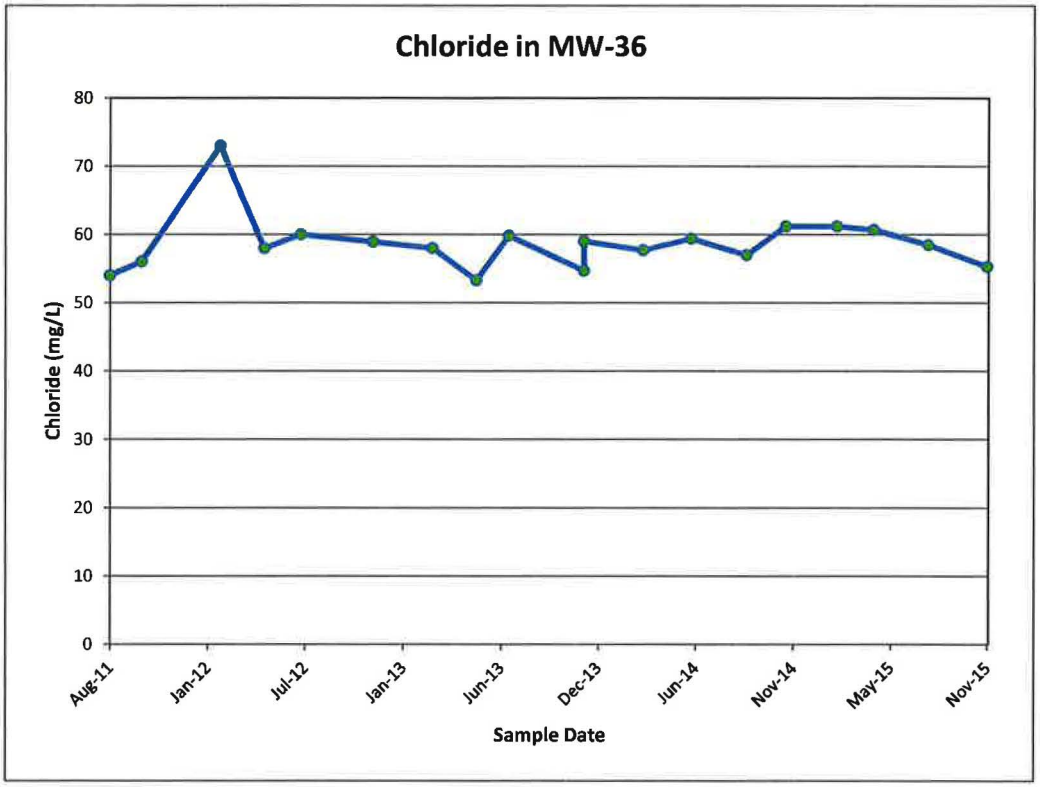


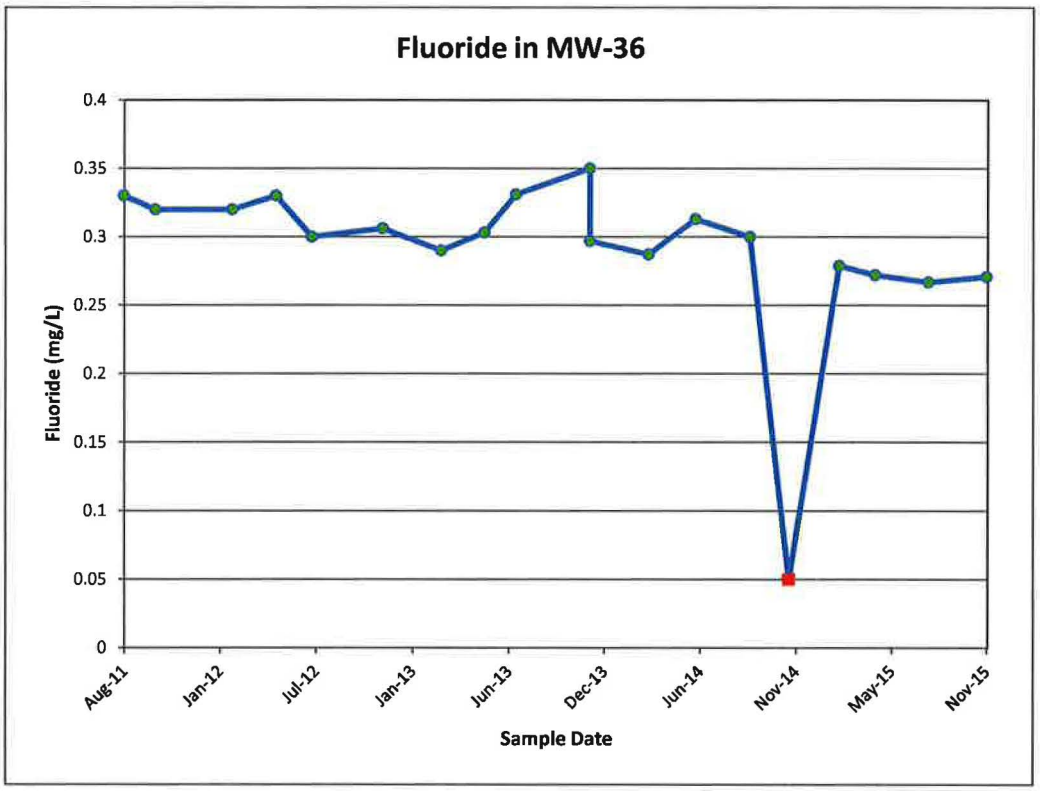
INTERA

Detected Values

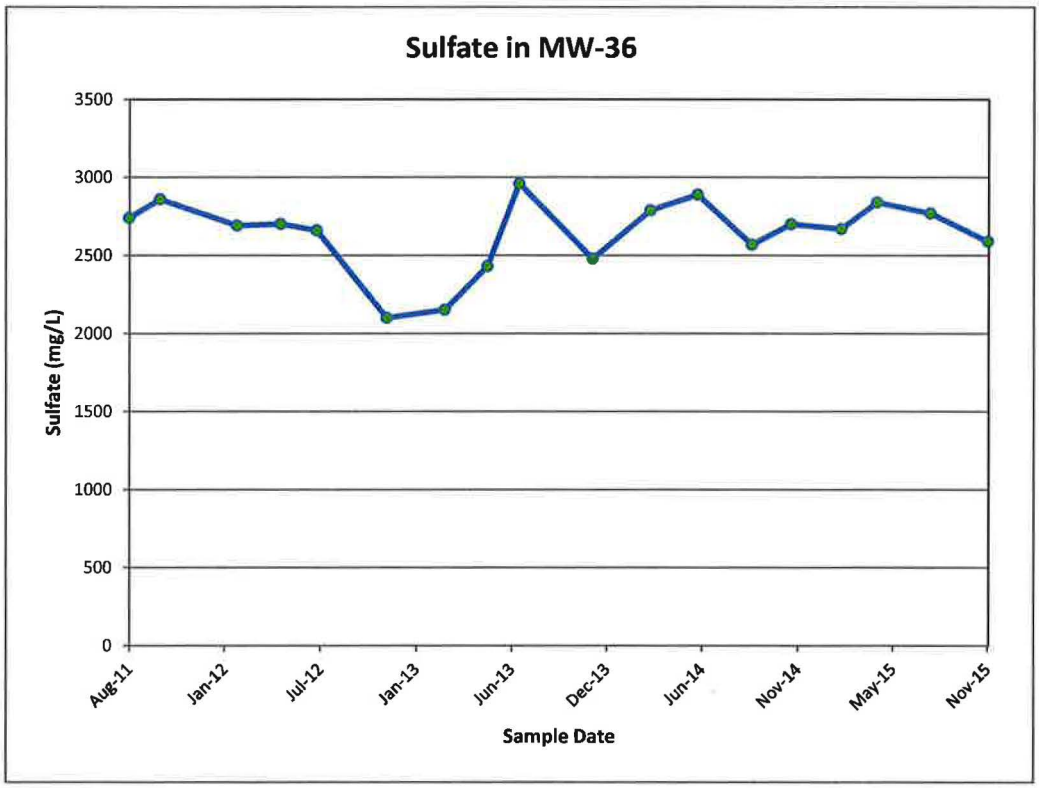
Non-Detected Values

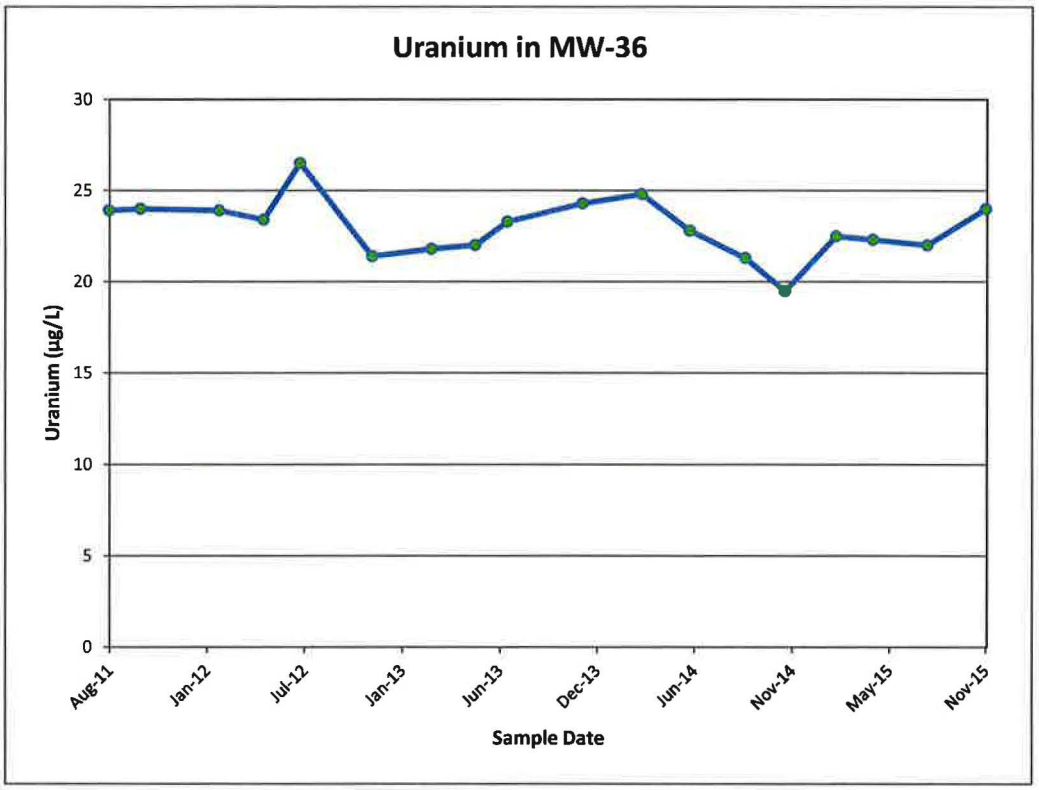
Time concentration plots for MW-36





Time concentration plots for MW-36



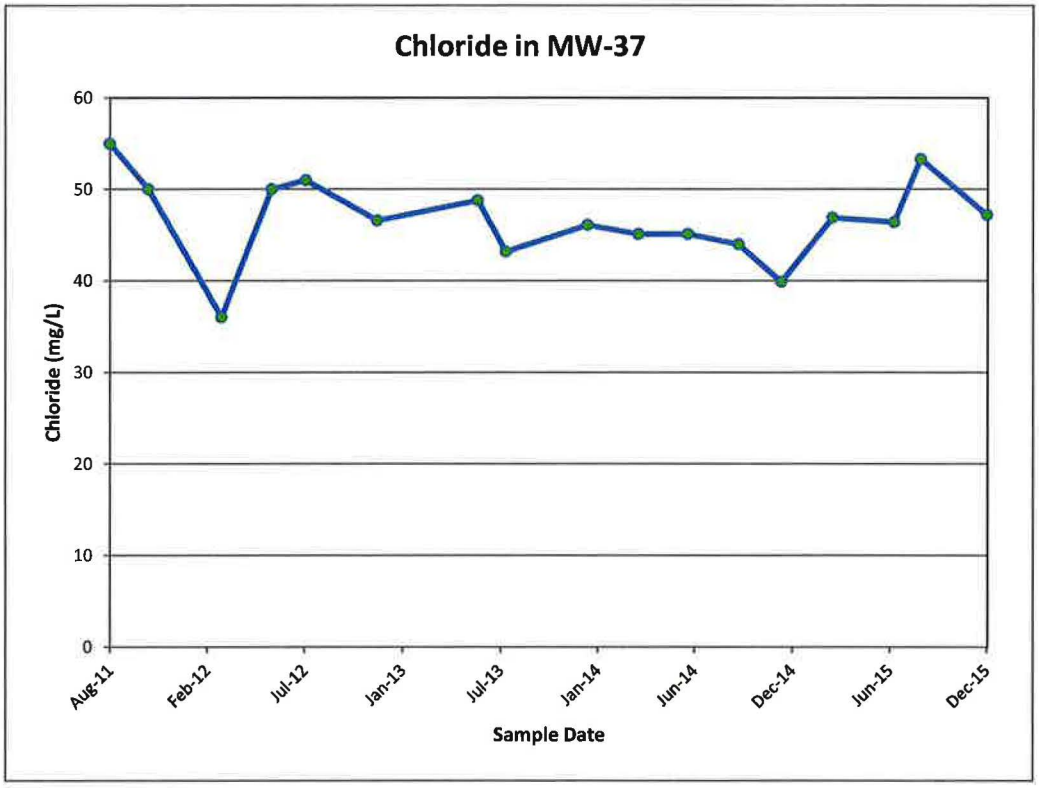


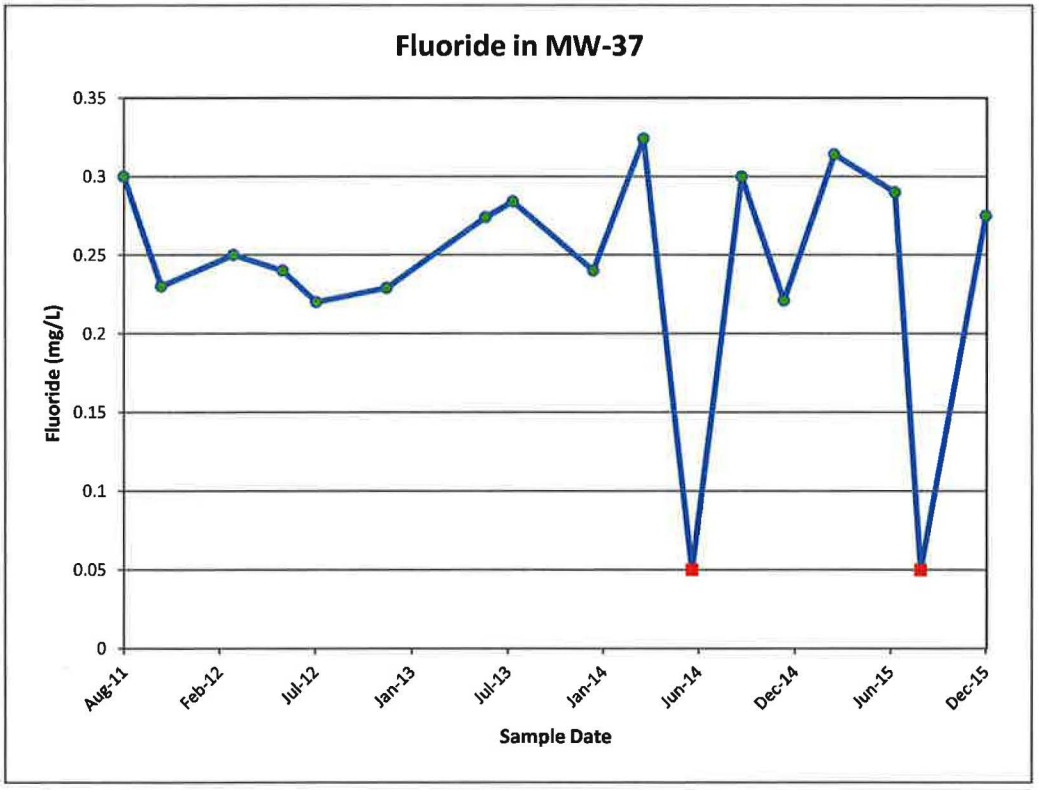
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-37



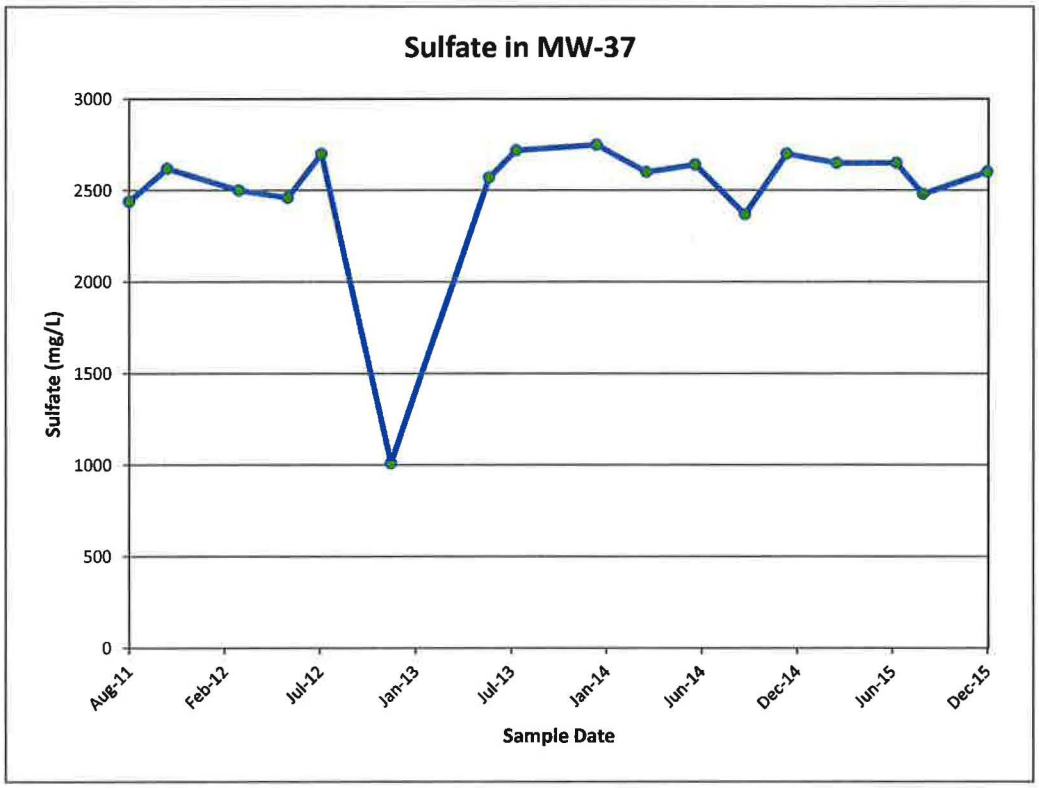


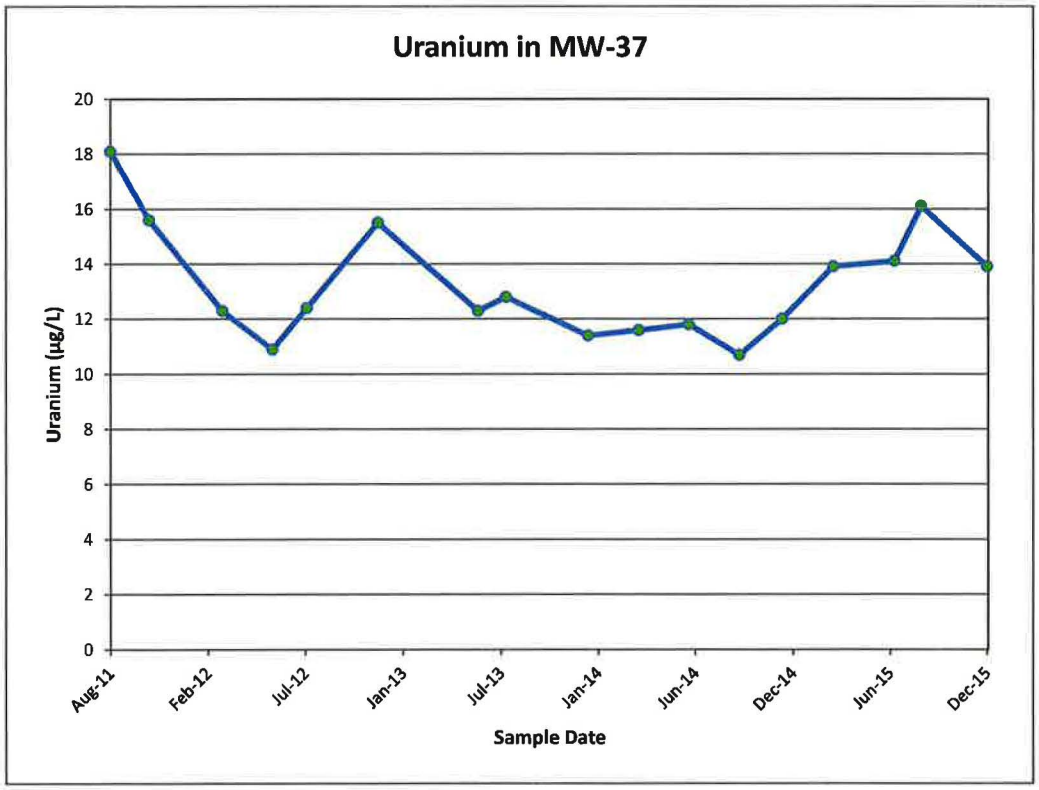
INTERA

Detected Values

Non-Detected Values

Time concentration plots for MW-37





INTERA

Detected Values

Non-Detected Values

Tab J

CSV Transmittal Letter

Kathy Weinel

From: Kathy Weinel
Sent: Monday, February 22, 2016 8:33 AM
To: 'Phillip Goble'
Cc: Thomas Rushing; Harold Roberts; David Frydenlund; Jaime Massey; David Turk; Logan Shumway; Scott Bakken
Subject: Transmittal of CSV Files White Mesa Mill 2015 Q4 Groundwater Monitoring
Attachments: GW Q4 2015.csv

Dear Mr. Goble,

Attached to this e-mail is an electronic copy of laboratory results for groundwater monitoring conducted at the White Mesa Mill during the fourth 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 | f: 303.389.4125
225 Union Blvd., Suite 600
Lakewood, CO 80228

http://www.energyfuels.com

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