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VIA Express Delivery

November 13, 2015

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 Annual Seeps and Springs Monitoring Report
Groundwater Quality Discharge Permit UGW370004 White Mesa Uranium Mill**

Dear Mr. Anderson:

Enclosed are two copies of the White Mesa Uranium Mill Annual Seeps and Springs Monitoring Report for 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 at 303-389-4134.

Yours very truly,

A handwritten signature in blue ink that reads 'Kathy Weinel'.

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

CC: David C. Frydenlund
Scott A. Bakken
Logan Shumway
Harold R. Roberts
David E. Turk
Jaime J. Massey

White Mesa Uranium Mill
2015 Annual Seeps and Springs Sampling Report

State of Utah
Groundwater Discharge Permit No. UGW370004

Prepared by:



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

November 13, 2015

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ACRONYM LIST

AWAL	American West Analytical Laboratory
DR	Dry Ridge Piezometers
DWMRC	Utah Division of Waste Management and Radiation Control
EFRI	Energy Fuels Resources (USA) Inc.
GEL	GEL Laboratories, Inc.
GWQS	Groundwater Quality Standard
LCS	Laboratory Control Spike
Mill	White Mesa Mill
MS	Matrix Spike
MSD	Matrix Spike Duplicate
Permit	State of Utah Groundwater Discharge Permit No. UGW370004
QA	Quality Assurance
QAP	Groundwater Monitoring Quality Assurance Plan
QC	Quality Control
RPD	Relative Percent Difference
TDS	Total Dissolved Solids
VOCs	Volatile Organic Compounds

2015 ANNUAL SEEPS AND SPRINGS SAMPLING REPORT

1.0 INTRODUCTION

This is the 2015 Annual Seeps and Springs Sampling Report for the Energy Fuels Resources (USA) Inc. (“EFRI”) White Mesa Mill (the “Mill”), as required under Part I.F.7 of the Mill’s State of Utah Groundwater Discharge Permit No. UGW370004 (the “Permit”) and Section 6.0 of the Mill’s *Sampling Plan for Seeps and Springs in the Vicinity of the White Mesa Uranium Mill*, Revision: 0, March 17, 2009 (the “Sampling Plan”) and Revision 1, June 10, 2011 (“Draft Sampling Plan”).

The *Sampling Plan for Seeps and Springs in the Vicinity of the White Mesa Uranium Mill*, was revised during the 2011 reporting period. The revisions were completed to address corrective actions delineated in the 2010 Annual Seeps and Springs Sampling Report for the Mill. The Draft Sampling Plan was submitted to the Utah Division of Waste Management and Radiation Control (“DWMRC”) (formerly the Division of Radiation Control [“DRC”]) via e-mail for review on June 10, 2011. Per conversations with DRC personnel on June 28, 2011 regarding the July 2011 sampling event, EFRI used the 2011 Draft Sampling Plan field forms for the 2011, 2012, 2013, 2014, and 2015 sampling events. To date comments have not been received from DRC on the 2011 Draft Sampling Plan.

2.0 SAMPLING EVENTS

Seeps and springs which were identified near the Mill in the 1978 Environmental Report (Plate 2.6-10, Dames and Moore, January 30, 1978) are to be sampled annually in accordance with the Sampling Plan and Part I.E.6 of the Permit. The Sampling Plan specifies the following sample locations: Corral Canyon Seep, Corral Springs, Ruin Spring, Cottonwood Seep, Westwater Seep and Entrance Spring (also referred to as Entrance Seep).

2.1 June 2015 Sampling

In accordance with the Permit and the Sampling Plan, DRC was notified of the sampling. The DRC representative was present for this sampling event. On June 16, 2015, EFRI collected seeps and springs samples from Cottonwood Seep, Ruin Spring, Entrance Seep, Back Spring (duplicate sample of Entrance Seep), and Westwater Seep. The DRC representative collected a “split” sample on June 16, 2015 at Cottonwood Seep from the EFRI sampling equipment, using sample containers he provided. Corral Canyon Seep, and Corral Springs were dry in 2015. The data from the June sampling event are included as Attachment D in this report.

2.2 Repeat Visits to Dry Seeps and Springs.

During the June 16, 2015 sampling event, Corral Canyon Seep and Corral Springs were dry, could not be sampled, and did not warrant development attempts with limited hand tool excavation at that time. Additional visits were made to these locations on August 25, 2015 and September 8, 2015 to determine if development attempts with hand tool excavation would yield enough water for sampling. The additional two visits did not indicate any changes; i.e., there was no indication that development attempts would be successful.

2.3 Sampling Procedures

Samples were collected and analyzed for the parameters listed in Table 2 of the Permit.

During the June sampling event, samples were collected from the locations indicated in Table 1. Sampling procedures for each seep or spring are determined by the site location and access.

The DRC-approved sampling procedures for seeps and springs at the Mill are contained in Sampling Plan, Revision 0. Samples collected under this plan were collected either by direct collection which involves collecting the sample directly into the sample container from the surface water feature or from spring out-flow, or by using a stainless steel ladle to collect water until a sufficient volume is contained in the ladle for transfer to the sample bottle.

Sampling Plan Revision 0, was revised in 2011 to provide flexibility in sampling procedures to address differing site conditions as well as to correct several inconsistencies noted during the 2010 report preparation and review. EFRI provided detailed descriptions of the sampling procedures used in 2010 in the 2010 Annual Seeps and Springs Sampling Report for the Mill, which was accepted by DRC. EFRI determined a revision to Sampling Plan, Revision 0 was necessary, because the procedures in Sampling Plan, Revision 0 do not match the site conditions and do not include the use of a peristaltic pump for sampling or filtering samples for metals and gross alpha analyses. EFRI submitted a Draft Sampling Plan to DRC in 2011. The procedures in the Draft Sampling Plan are consistent with the sampling procedures employed in 2010, 2011, 2012, 2013, 2014, and 2015. Samples collected under this plan are collected by direct collection, stainless steel sample ladle, or by use of a peristaltic pump which involves collecting the sample from the source or out-flow using the peristaltic pump. The peristaltic pump is used to deliver the sample from the source or out-flow to the sample bottles. Filtered parameters are pumped through a 0.45 micron filter prior to delivery to the sample bottle.

EFRI employed the previous sampling procedures again in 2015, because the 2010, 2011, 2012, 2013, and 2014 Annual Seeps and Springs Sampling Reports for the Mill were inspected by DRC and determined to be in compliance with the GWDP. Additionally, DRC was present during the 2010, 2011, 2012, 2013, 2014, and 2015 sampling events and did not provide comments or recommendations to modify the procedures. Since DRC has not commented on the seeps and springs sampling procedures that were used in 2010, 2011, 2012, 2013, 2014, and 2015 EFRI has concluded the 2010 procedures are acceptable and has continued using the procedures implemented in 2010.

Ruin Spring

In the case of Ruin Spring, sample bottles for the analytes collected during the June sampling event (except gross alpha and heavy metals) were filled directly from the spring out-flow which is a pipe. Samples for heavy metals and gross alpha were collected by means of a peristaltic pump and delivered directly to the sample containers through a 0.45 micron filter. The appropriate preservatives for the analytical technique were added to the samples.

Westwater Seep

For Westwater Seep, it was not possible to locate the generator close enough to the seep to utilize the peristaltic pump. All of the sample containers were filled directly from the water source except for the containers for gross alpha and heavy metals. For the gross alpha and heavy metals samples, a clean previously unused one gallon sample jug was filled by dipping it into the excavated pool at Westwater Seep. The peristaltic pump was used to transfer the samples from the one gallon jug directly to the sample containers through a 0.45 micron filter. The appropriate preservatives for the analytical technique were added to the samples.

Cottonwood Seep and Entrance Spring

Cottonwood Seep and Entrance Spring were “developed” prior to the sampling event by Field Personnel. Development was completed by removing surrounding vegetation and clearing the sampling location in the spring or seep area. For the June samples collected from Cottonwood Seep and Entrance Spring, the samples for Volatile Organic Compounds (“VOCs”) were collected by means of a peristaltic pump and delivered directly to the sample containers. In the case of the samples for heavy metals and gross alpha, the samples were delivered by a peristaltic pump directly to the sample containers through a 0.45 micron filter. The other samples were filled by dipping the bottles into the developed and cleared sample depression. The samples were preserved by the addition of the appropriate preservative for the analytical technique.

The tubing on the peristaltic pump that comes into contact with the sample water was disposed of between each sampling. As a result, no equipment required decontamination, and no rinsate samples were collected.

2.4 Field Data

Attached under Tab A are copies of the field data sheets recorded in association with the June 2015 seeps and springs monitoring events. Photographic documentation of the sampling sites is also included in Tab A. Sampling dates are listed in Table 1 and field parameters collected during the sampling program are included in Tab B.

2.5 Field QC Samples

The field Quality Control (“QC”) samples generated during this sampling event included one duplicate per sampling event and one trip blank per shipment to each laboratory which received samples for VOCs. The duplicate samples (Back Spring) were submitted blind to the analytical laboratory. As previously stated, no rinsate blanks were collected during this sampling event as only disposable equipment was used for sample collection.

3.0 SEEPS AND SPRINGS SURVEY AND CONTOUR MAP

Part I.F.7(c) of the Permit requires that a water table contour map that includes the elevations for each well at the facility and the elevations of the phreatic surfaces observed for each of the seeps and springs sampled be submitted with this annual report. Tab C includes two contour maps.

The contour map labeled C-1, shows the water table without the water level data associated with the dry ridge (“DR”) investigation piezometers. The contour map labeled C-2 shows the water table with the water level data associated with the DR investigation piezometers. It is important to note that Cottonwood Seep is not included in any of the perched water level contouring, because there is no evidence to establish a hydraulic connection between Cottonwood Seep and the perched water system. Cottonwood Seep is located near the Brushy Basin Member/Westwater Canyon Member contact, approximately 230 feet below the base of the perched water system defined by the Burro Canyon Formation/Brushy Basin Member contact. The stratigraphic position of Cottonwood Seep indicates that its elevation is not representative of the perched potentiometric surface. Exclusion of the Cottonwood Seep from water level contouring is consistent with previous submissions. The contour map includes the corrected survey data from December 2009 as discussed below.

Part I.F.7 (g) of the Permit requires that survey data for the seeps and springs be collected prior to the collection of samples. DRC previously clarified that the requirement to submit survey data applies only to the first sampling event and not on an annual basis. The December 2009 and July 2010 seeps and springs survey data shown in Tab C will be used for reporting where seeps and springs locations and elevations are relevant.

A full discussion of the survey data and the hydrogeology of seeps and springs at the margins of White Mesa in the vicinity of the Mill and the relationship of these seeps and springs to the hydrogeology of the site, in particular to the occurrence of a relatively shallow perched groundwater zone beneath the site, is contained in *Hydrogeology of the Perched Groundwater Zone and Associated Seeps and Springs Near the White Mesa Uranium Mill Site*, dated November 12, 2010, prepared by Hydro Geo Chem, Inc. and submitted to the Director on November 15, 2010. Additional information is also contained in the *Second Revision Hydrogeology of the Perched Groundwater Zone in the Area Southwest of the Tailings Cells While Mesa Mill Site*, dated November 7, 2012, prepared by Hydro Geo Chem, Inc. and submitted to the Director on November 7, 2012.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL

4.1 Laboratory Results

Analytical results are provided by the Mill’s two contract analytical laboratories GEL Laboratories, Inc., (“GEL”) and American West Analytical Laboratory (“AWAL”).

The laboratories utilized during this investigation were certified under the Environmental Lab Certification Program administered by UDEQ Bureau of Lab Improvement for the analyses they completed.

The analytical data as well as the laboratory Quality Assurance (“QA”)/QC summaries are included under Tab D.

4.2 DATA EVALUATION

The Permit requires that the annual seeps and springs sampling program be conducted in compliance with the requirements specified in the Mill's approved White Mesa Uranium Mill Groundwater Monitoring Quality Assurance Plan ("QAP"), Revision 7.2, dated June 6, 2012, the approved Sampling Plan and the Permit. To meet this requirement, the data validation completed for the seeps and springs sampling program verified that the program met the requirements outlined in the QAP, the Permit and the approved Sampling Plan. The 2010 Annual Seeps and Springs Monitoring Report noted that in several places the requirements in the QAP and Sampling Plan, Revision 0, were in conflict. To address these inconsistencies, the Sampling Plan, Revision 0 was revised and, as previously stated, submitted to DRC for review in June 2011. For the purposes of this data review, the Permit and the QAP requirements were used to determine compliance. The Mill QA Manager performed a QA/QC review to confirm compliance of the monitoring program with requirements of the Permit and the QAP. As required in the QAP, data QA includes preparation and analysis of QC samples in the field, review of field procedures, an analyte completeness review, and quality control review of laboratory data methods and data. Identification of field QC samples collected and analyzed is provided in Section 4.5.1. Discussion of adherence to the Sampling Plan is provided in Section 4.3. Analytical completeness review results are provided in Section 4.4. The steps and tests applied to check laboratory data QA/QC are discussed in Sections 4.5.1 through 4.5.9 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 Chain of Custody and Analytical Request Record forms for each set of analytical results, follow the analytical results under Tab D. Results of the review of the laboratory QA/QC information are provided under Tab E and discussed in Section 4.5 below.

4.3 Adherence to Sampling Plan and Permit Requirements

On a review of adherence by Mill personnel to the Permit, the QA Manager observed that QA/QC requirements established in the Permit and the QAP were met and that the requirements were implemented as required except, as noted below.

Sampling procedures varied from those contemplated in the Revision 0, Sampling Plan as discussed in the 2010 Annual Seeps and Springs Sampling Report for the Mill. As previously stated, the Sampling Plan, Revision 0 was revised in June 2011 to accurately reflect the sampling procedures used during the 2009 through 2015 sampling events. DRC has not provided comments on the Sampling Plan to date; however, the DRC representative was present for the 2010, 2011, 2012, 2013, 2014, and 2015 sampling programs and observed the sampling procedures used. The DRC representative accepted the procedures and made no comments regarding the sampling strategies employed. No further discussions regarding the changes to the Revision 0 Sampling Plan sampling procedures are included.

The Permit only requires the measurement of the field parameters pH, conductivity and temperature. Field parameter measurements collected during this sampling event included pH, conductivity, temperature, redox potential, and turbidity. The collection of additional field parameters resulted in no effect on the usability of the data.

4.4 Analyte Completeness Review

The analyses required by the Permit Table 2 were completed.

4.5 Data Validation

The QAP and the Permit identify the data validation steps and data quality control checks required for the seeps and springs monitoring program. Consistent with these requirements, the QA Manager performed 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 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 E.

4.5.1 Field Data QA/QC Evaluation

The QA Manager performs a review of field recorded parameters to assess their adherence with QAP and Permit requirements. The assessment involved review of the Field Data sheets. Review of the Field Data Sheets noted that the requirements for field data collection were met.

4.5.2 Holding Time Evaluation

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

4.5.3 Laboratory Receipt Temperature Check

Chain of Custody sheets were reviewed to confirm compliance with the sample receipt requirements specified in the QAP. Sample receipt temperature checks are provided under Tab E. The samples were received within the QAP required temperature limit.

4.5.4 Analytical Method Check

The analytical methods reported by both laboratories were checked against the required methods specified in Table 1 of the QAP. Analytical method check results are provided in Tab E.

4.5.5 Reporting Limit Evaluation

Reporting limits utilized by the laboratory were required to be equal to or lower than the GWQSSs set out in Table 2 of the Permit. For Total Dissolved Solids (“TDS”), sulfate and chloride, for which Ground Water Quality Standards are not set out in Table 2 of the Permit, reporting limits specified in Part 1.E.6.e).(1) were used. Those reporting limits are 10 mg/L for TDS, and 1 mg/L for Sulfate and Chloride. The analytical method reporting limits reported by both laboratories were checked against the reporting limits specified in the Permit. Reporting limit evaluations are provided in Tab E. All analytes were measured and reported to the required reporting limits except the sample results that had the reporting limit raised due to sample dilution necessary to accommodate the analyte concentrations in the samples. In all cases the reported value for the analyte was higher than the increased detection limit.

4.5.6 Trip Blank Evaluation

The trip blank results were reviewed to identify any blank contamination. Trip blank evaluation is provided in Tab E. The trip blank results associated with the samples were less than reporting limit for the VOCs.

4.5.7 QA/QC Evaluation for Sample Duplicates

Section 9.1.4 a) of the QAP states that the Relative Percent Difference (“RPD”) 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 (described as activities in the QAP) are less than 5 times the required detection limit. This standard is based on the United States Environmental Protection Agency 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 duplicate pairs for the 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%. RPDs are also only calculated when both the sample and the duplicate report a detection for any given analyte. If only one of the pair reports a detection, the RPD cannot be calculated. The additional duplicate information is provided for information purposes.

The duplicate results were within a 20% RPD in the seeps and springs samples except for ammonia in the duplicate pair Entrance Seep/Back Spring. The ammonia results for Entrance Seep/Back Spring results were not five times greater than the reporting limit of 0.05 mg/L, and as such, the deviation from the 20% RPD requirement is acceptable.

4.5.8 Radiologics Counting Error

Section 9.14 of the QAP requires that all gross alpha analysis reported with an activity equal to or greater than the Groundwater Compliance Limits set out in the Permit (for the seeps and springs samples the Groundwater Quality Standards [“GWQS”] will be used), 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 GWQS.

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.

All radiological results were reported were within acceptance limits in 2015. Results of routine radiologic sample QC are provided under Tab E.

4.5.9 Laboratory Matrix QC Evaluation

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 E. The lab QA/QC results from both GEL and AWAL met these requirements except as described below.

A number of the seeps and springs samples had the reporting limit raised due to matrix interference and/or sample dilution. In all cases where the detection limit was increased, the concentration for the analyte was higher than the increased detection limit.

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.
- For method E900.1, used to determine gross alpha, a sample duplicate was used instead of a MSD.

The qualifiers, and the corresponding explanations reported in the QA/QC Summary Reports for any of the check samples for any of 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 QAP requirement to analyze a MS/MSD pair with each analytical batch was met. While the QAP does not require it, the recoveries were reviewed for compliance with each laboratory's 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/MSD recoveries and the associated RPDs for the seeps and springs samples were within acceptable laboratory limits except as noted in Tab E. Two MS/MSD recoveries were outside the laboratory established acceptance limits. These results 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 QAPs to analyze a MS/MSD pair with each analytical batch was met and as such the data are compliant with the QAP.

The QAP specifies that surrogate compounds shall be employed for all organic analyses, but the QAP does not specify acceptance limits for surrogate recoveries. The analytical data associated with the routine quarterly sampling met the requirement specified in the QAP. The information from the Laboratory QA/QC Summary Reports indicates that the surrogate recoveries for the seeps and springs samples were within acceptable laboratory limits for all surrogate compounds.

The QAP Section 8.1.2 requires that each analytical batch shall be accompanied by a reagent blank. Contamination detected in analysis of reagent blanks/method blanks will be used to evaluate any analytical laboratory contamination of environmental samples. The QAP specified process for evaluation of reagent/method blanks states that nonconformance will exist when blanks are within an order of magnitude of the sample results. No analytes were reported above the reporting limit in the reagent/method blanks from either laboratory.

5.0 EVALUATION OF ANALYTICAL DATA

Analytical Results

As previously stated, the samples were analyzed for the groundwater compliance parameters found on Table 2 of the Permit. In addition to these laboratory parameters, the pH, temperature, conductivity, (and although not required, redox and turbidity) were measured and recorded in the field.

The samples were not analyzed for semivolatile organic compounds. Although the Sampling Plan, Revision 0, currently states that the samples will also be analyzed for semivolatile organic compounds, the Permit was revised to eliminate the requirement for semivolatile analysis. The requirement to analyze the seeps and springs samples for semivolatile organic compounds has also been eliminated from the Draft Sampling Plan, Revision 1.

5.1 Evaluation of Analytical Results

The results of the June sampling event show no evidence of Mill influence in the water produced by the seeps and springs sampled. The lack of Mill influence on seeps and springs is indicated

by the fact that the parameters detected are within the ranges of concentrations for the on-site monitoring wells and for available historic data for the seeps and springs themselves. For those detected analytes, concentrations are shown in Tables 2A, 2B, 2C, and 2D. The data are compared to available historic data for each seep and spring as well as to on-site monitoring well data. Specific discussions about each seep or spring are included below.

5.1.1 Ruin Spring

No VOCs or radiologics were detected. Metals and major ions were the only analytes detected. The metals detections were minimal with only molybdenum, selenium and uranium having positive detections. A comparison of the 2009 through 2014 data to the 2015 data shows that the concentrations of most detected analytes remained approximately the same with only minor changes within the limits of normal analytical deviation. The reported values for calcium, chloride, molybdenum, sodium, TDS, and uranium increased from the 2014 sample results, but they are below the upper range of historic background values for the on-site monitoring wells. The differences are not significant and are most likely due to normal fluctuations due to flow rates or seasonal variations due to annual precipitation. Overall, the data reported for Ruin Spring are typical for a surface water sample with no indication of Mill influence.

5.1.2 Cottonwood Spring

No VOCs or radiologics were detected. Metals and major ions were the only analytes detected. The metals detections were minimal with only uranium having a positive detection. A comparison of the 2009 through 2014 data to the 2015 data shows that the concentrations of most detected analytes remained approximately the same with only minor changes within the limits of normal analytical deviation. The reported values for ammonia, bicarbonate, calcium, chloride, sodium, sulfate, and TDS increased from the 2014 sample results, but they are below the upper range of historic background values for the on-site monitoring wells. The differences are not significant and are most likely due to normal fluctuations due to flow rates or seasonal variations due to annual precipitation. Overall, the data reported for Cottonwood Spring are typical for a surface water sample with no indication of Mill influence.

5.1.3 Westwater Seep

No VOCs or radiologics were detected. Metals and major ions were the only analytes detected. The metals detections were minimal with only manganese, and uranium having positive detections. Westwater Seep was last sampled in 2011 as it was dry and therefore not sampled in 2012, 2013, and 2014. A comparison of the 2009 through 2011 data to the 2015 data shows that the concentrations of detected analytes remained approximately the same except for ammonia, chloride, sodium, sulfate, and TDS increased from the 2011 samples results, but they are below the upper range of historic background values for the on-site monitoring wells. The differences are not significant and are most likely due to normal fluctuations due to flow rates or seasonal variations due to annual precipitation. Overall, the data reported for Westwater Seep are typical for a surface water sample with no indication of Mill influence.

5.1.4 Entrance Spring

No VOCs were detected. Gross Alpha, metals and major ions were the only analytes detected. The metals detections were minimal with only arsenic, iron, manganese, and uranium having positive detections. A comparison of the 2009 through 2014 data to the 2015 data shows that the concentrations of most detected analytes remained approximately the same with only minor changes within the limits of normal analytical deviation. The reported values for ammonia, bicarbonate, calcium, gross alpha, manganese, potassium, sodium, and uranium increased from the 2014 sample results. Arsenic was detected for the first time at 5.02 ug/L, which is likely due to contamination either during sampling or at the laboratory, but still significantly below the GWQS of 50 ug/L. The detected concentrations are below the upper range of historic background values for the on-site monitoring wells. The differences are not significant and are most likely due to normal fluctuations due to flow rates or seasonal variations due to annual precipitation. Overall, the data reported for Entrance Spring are typical for a surface water sample with no indication of Mill influence.

6.0 CORRECTIVE ACTION REPORT

No corrective action reports are required for the 2015 annual sampling event.

6.1 Assessment of Corrective Actions from Previous Period

No corrective action reports were required for the 2014 annual sampling event.

7.0 ELECTRONIC DATA FILES AND FORMAT

EFRI has provided to the Director electronic copies of the laboratory results as part of the annual seeps and springs monitoring in Comma Separated Values, from the laboratory. A copy of the transmittal e-mail is included under Tab F.

8.0 SIGNATURE AND CERTIFICATION

This document was prepared by Energy Fuels Resources (USA) Inc. on November 13, 2015.

Energy Fuels Resources (USA) Inc.

By:

A handwritten signature in blue ink, appearing to read 'S. Bakken', with a stylized flourish at the end.

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.

Table 1: Summary of Seeps and Springs Sampling

Location	Sample Date	Work Order No./Lab Set ID	Date of Lab Report
Cottonwood Spring	6/16/2015	AWAL = 1506378 GEL = 375493	AWAL = 7/2/2015 GEL = 7/17/2015
Entrance Seep	6/16/2015	AWAL = 1506378 GEL = 375493	AWAL = 7/2/2015 GEL = 7/17/2015
Back Spring (Duplicate of Entrance Seep)	6/16/2015	AWAL = 1506378 GEL = 375493	AWAL = 7/2/2015 GEL = 7/17/2015
Ruin Spring	6/16/2015	AWAL = 1506378 GEL = 375493	AWAL = 7/2/2015 GEL = 7/17/2015
Westwater Seep	6/16/2015	AWAL = 1506378 GEL = 375493	AWAL = 7/2/2015 GEL = 7/17/2015
Corral Spring	Not Sampled - Dry	Not Sampled - Dry	Not Sampled - Dry
Corral Canyon Seep	Not Sampled - Dry	Not Sampled - Dry	Not Sampled - Dry

Table2A Detected Constituents and Comparison to Historic Values and Mill Site Monitoring Wells

Ruin Spring										
Constituent	2009	2010	2011 - May	2011 - July	2012	2013	2014	2015	Range of Average Historic Values for Monitoring Wells ^{1*}	Ave 2003-2004 ²
Major Ions (mg/l)										
Carbonate	<1	<1	<1	1	<1	<1	<1	<1	--	--
Bicarbonate	233	254	241	239	237	208	204	200	--	--
Calcium	151	136	145	148	147	149	150	162	--	--
Chloride	28	23	25	44	28	26.3	27.1	27.4	ND - 213	27
Fluoride	0.5	0.53	0.45	0.5	0.52	0.538	<1	0.445	ND - 1.3	0.6
Magnesium	32.3	29.7	30.6	31.1	31.9	32.1	35.4	31.8	--	--
Nitrogen-Ammonia	0.09	<0.05	ND	<0.05	<0.05	<0.05	<0.05	<0.05	--	--
Nitrogen-Nitrate	1.4	1.7	1.7	1.6	1.6	1.56	1.54	1.31	--	--
Potassium	3.3	3.07	3.2	3.3	3.5	3.46	3.24	3.14	--	--
Sodium	104	93.4	110	111	115	118	119	126	--	--
Sulfate	528	447	486	484	464	553	553	528	ND - 3455	521
TDS	1010	903	942	905	1000	952	984	1000	1019 - 5548	1053
Metals (ug/l)										
Arsenic	<5	<5	<5	<5	<5	<5	<5	<5	--	--
Beryllium	< 0.5	< 0.5	< 0.5	< 0.5	<0.5	<0.5	<0.5	<0.5	--	--
Cadmium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND - 4.78	0.01
Chromium	<25	<25	<25	<25	<25	<25	<25	<25	--	--
Cobalt	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Copper	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Iron	<30	<30	<30	<30	<30	<30	<30	<30	ND - 7942	25
Lead	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Manganese	<10	<10	<10	<10	<10	<10	<10	<10	ND - 34,550	5
Mercury	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
Molybdenum	17	17	16	17	16	16.1	16.0	18.3	--	--
Nickel	<20	<20	<20	<20	<20	<20	<20	<20	ND - 61	0.05
Selenium	12.2	10	11.8	10.2	10.8	10.2	12.0	10	ND - 106.5	12.1
Silver	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Thallium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
Tin	<100	<100	<100	<100	<100	<100	<100	<100	--	--
Uranium	9.11	8.47	9.35	8.63	8.68	9.12	9.61	9.03	ND - 59.8	10
Vanadium	<15	<15	<15	<15	<15	<15	<15	<15	--	--
Zinc	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Radiologies (pCi/l)										
Gross Alpha	<0.2	<0.2	<-0.3	<-0.05	<-0.09	<1.0	<1	<1.0	ND - 36	0.28

Ruin Spring										
Constituent	2009	2010	2011 - May	2011 - July	2012	2013	2014	2015	Range of Average Historic Values for Monitoring Wells ^{1*}	Ave 2003-2004 ²
VOCS (ug/L)										
Acetone	<20	<20	<20	<20	<20	<20	<20	<20	--	--
Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Carbon tetrachloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Chloroform	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Chloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
MEK	<20	<20	<20	<20	<20	<20	<20	<20	--	--
Methylene Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Naphthalene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Tetrahydrofuran	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Xylenes	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--

¹ From Figure 3, Table 10 and Appendix B of the *Revised Addendum, Background Groundwater Quality Report: New Wells for Denison Mines (USA) Corp's White Mesa Mill Site, San Juan County, Utah*, April 30, 2008, prepared by INTERA, Inc. and Table 16 and Appendix D of the *Revised Background Groundwater Quality Report: Existing Wells for Denison Mines (USA) Corp.'s White Mesa Uranium Mill Site, San Juan County, Utah*, October 2007, prepared by INTERA, Inc.

² From Figure 9 of the *Revised Addendum, Evaluation of Available Pre-Operational and Regional Background Data, Background Groundwater Quality Report: Existing Wells for Denison Mines (USA) Corp.'s White Mesa Mill Site, San Juan County, Utah*, November 16, 2007, prepared by INTERA, Inc.

*Range of average historic values for On-Site Monitoring Wells as reported on April 30, 2008 (MW-1, MW-2, MW-3, MW-3A, MW-4, MW-5, MW-11, MW-12, MW-14, MW-15, MW-17, MW-18, MW-19, MW-20, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31 and MW-32)²

Table2B Detected Constituents and Comparison to Historic Values and Mill Site Monitoring Wells

Cottonwood Spring										
Constituent	2009	2010	2011 - May	2011 - July	2012	2013	2014	2015	Range of Average Historic Values for Monitoring Wells ^{1*}	Ave 1977 - 1982 ¹
Major Ions (mg/l)										
Carbonate	<1	<1	<1	6	<1	<1	<1	<1	--	--
Bicarbonate	316	340	330	316	326	280	251	271	--	--
Calcium	90.3	92.2	95.4	94.2	101	87.9	99.7	111	--	--
Chloride	124	112	113	134	149	118	128	133	ND - 213	31
Fluoride	0.4	0.38	0.34	0.38	0.38	0.417	<1	0.318	ND - 1.3	0.8
Magnesium	25	24.8	25.2	25.2	27.7	23.6	29.0	27.5	--	--
Nitrogen-Ammonia	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0512	--	--
Nitrogen-Nitrate	0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	--
Potassium	5.7	5.77	6	5.9	6.2	5.53	6.18	5.91	--	--
Sodium	205	214	229	227	247	217	227	251	--	--
Sulfate	383	389	394	389	256	403	417	442	ND - 3455	230
TDS	1010	900	1030	978	1040	996	968	1020	1019 - 5548	811
Metals (ug/l)										
Arsenic	<5	<5	<5	<5	<5	<5	<5	<5	--	--
Beryllium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
Cadmium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND - 4.78	--
Chromium	<25	<25	<25	<25	<25	<25	<25	<25	--	--
Cobalt	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Copper	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Iron	<30	<30	53	<30	<30	<30	<30	<30	ND - 7942	150
Lead	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Manganese	<10	<10	<10	<10	<10	<10	<10	<10	ND - 34,550	580
Mercury	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
Molybdenum	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Nickel	<20	<20	<20	<20	<20	<20	<20	<20	ND - 61	--
Selenium	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	ND - 106.5	--
Silver	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Thallium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	--
Tin	<100	<100	<100	<100	<100	<100	<100	<100	--	--
Uranium	8.42	8.24	7.87	8.68	8.17	8.95	9.62	9.12	ND - 59.8	--
Vanadium	<15	<15	<15	<15	<15	<15	<15	<15	--	--
Zinc	<10	<10	<10	<10	<10	<10	<10	<10	--	--
Radiologics (pCi/l)										
Gross Alpha	<0.2	<0.2	<0.1	<0.1	<0.2	<1.0	<1.0	<1.0	ND - 36	7.2

Table2B Detected Constituents and Comparison to Historic Values and Mill Site Monitoring Wells

Cottonwood Spring										
Constituent	2009	2010	2011 - May	2011 - July	2012	2013	2014	2015	Range of Average Historic Values for Monitoring Wells ^{1*}	Ave 1977 - 1982 ¹
VOCS (ug/L)										
Acetone	<20	<20	<20	<20	<20	<20	<20	<20	--	--
Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Carbon tetrachloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Chloroform	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Chloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
MEK	<20	<20	<20	<20	<20	<20	<20	<20	--	--
Methylene Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Naphthalene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Tetrahydrofuran	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--
Xylenes	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--

¹ From Figure 3, Table 10 and Appendix B of the *Revised Addendum, Background Groundwater Quality Report: New Wells for Denison Mines (USA) Corp's White Mesa Mill Site, San Juan County, Utah*, April 30, 2008, prepared by INTERA, Inc. and Table 16 and Appendix D of the *Revised Background Groundwater Quality Report: Existing Wells for Denison Mines (USA) Corp.'s White Mesa Uranium Mill Site, San Juan County*,

*Range of average historic values for On-Site Monitoring Wells as reported on April 30, 2008 (MW-1, MW-2, MW-3, MW-3A, MW-4, MW-5, MW-11, MW-12, MW-14, MW-15, MW-17, MW-18, MW-19, MW-20, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31 and MW-32)

Table2C Detected Constituents and Comparison to Historic Values and Mill Site Monitoring Wells

Westwater Seep									
Constituent	2009	2010	2011 - May	2011 - July	2012	2013	2014	2015	Range of Average Historic Values for Monitoring Wells ¹ *
Major Ions (mg/l)									
Carbonate	<1	<1	<1	Not Sampled - Dry	<1	--			
Bicarbonate	465	450	371					359	--
Calcium	191	179	247					150	--
Chloride	41	40	21					32.6	ND - 213
Fluoride	0.7	0.6	0.54					0.424	ND - 1.3
Magnesium	45.9	44.7	34.7					34	--
Nitrogen-Ammonia	<0.05	0.5	0.06					0.123	--
Nitrogen-Nitrate	0.8	<0.1	<0.1					<0.1	--
Potassium	1.19	6.57	3.9					1.98	--
Sodium	196	160	112					139	--
Sulfate	646	607	354					392	ND - 3455
TDS	1370	1270	853					896	1019 - 5548
Metals (ug/l)									
Arsenic	<5	<5	12.3	Not Sampled - Dry	<5.0	--			
Beryllium	<0.5	<0.5	0.91					<0.5	--
Cadmium	<0.5	<0.5	0.9					<0.5	ND - 4.78
Chromium	<25	<25	<25					<25	--
Cobalt	<10	<10	<10					<10	--
Copper	<10	<10	16					<10	--
Iron	89	56	4540					<30	ND - 7942
Lead	<1.0	<1.0	41.4					<1.0	--
Manganese	37	87	268					171	ND - 34,550
Mercury	<0.5	<0.5	<0.5					<0.5	--
Molybdenum	29	29	<10					<10	--
Nickel	<20	<20	29					<20	ND - 61
Selenium	<5.0	<5.0	<5.0					<5.0	ND - 106.5
Silver	<10	<10	<10					<10	--
Thallium	<0.5	<0.5	<0.5					<0.5	--
Tin	<100	<100	<100					<100	--
Uranium	15.1	46.6	6.64					2.1	ND - 59.8
Vanadium	<15	<15	34					<15	--
Zinc	<10	<10	28					<10	--
Radiologics (pCi/l)									
Gross Alpha	< -0.1	<0.3	0.5	Not Sampled - Dry	<1.0	ND - 36			

Table2C Detected Constituents and Comparison to Historic Values and Mill Site Monitoring Wells

Westwater Seep									
Constituent	2009	2010	2011 - May	2011 - July	2012	2013	2014	2015	Range of Average Historic Values for Monitoring Wells ¹ *
VOCS (ug/L)									
Acetone	<20	<20	<20	Not Sampled - Dry	<20	--			
Benzene	<1.0	<1.0	<1.0					<1.0	--
Carbon tetrachloride	<1.0	<1.0	<1.0					<1.0	--
Chloroform	<1.0	<1.0	<1.0					<1.0	--
Chloromethane	<1.0	<1.0	<1.0					<1.0	--
MEK	<20	<20	<20					<20	--
Methylene Chloride	<1.0	<1.0	<1.0					<1.0	--
Naphthalene	<1.0	<1.0	<1.0					<1.0	--
Tetrahydrofuran	<1.0	<1.0	<1.0					<1.0	--
Toluene	<1.0	<1.0	<1.0					<1.0	--
Xylenes	<1.0	<1.0	<1.0					<1.0	--

¹ From Figure 3, Table 10 and Appendix B of the *Revised Addendum, Background Groundwater Quality Report: New Wells for Denison Mines (USA) Corp's White Mesa Mill Site, San Juan County, Utah*, April 30, 2008, prepared by INTERA, Inc. and Table 16 and Appendix D of the *Revised Background Groundwater Quality Report: Existing Wells for Denison Mines (USA) Corp.'s White Mesa Uranium Mill Site, San Juan County, Utah*, October 2007, prepared by INTERA, Inc.

*Range of average historic values for On-Site Monitoring Wells as reported on April 30, 2008 (MW-1, MW-2, MW-3, MW-3A, MW-4, MW-5, MW-11, MW-12, MW-14, MW-15, MW-17, MW-18, MW-19, MW-20, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31 and MW-32)

Table2D Detected Constituents and Comparison to Historic Values and Mill Site Monitoring Wells

Entrance Spring									
Constituent	2009	2010	2011 - May	2011 - July	2012	2013	2014	2015	Range of Average Historic Values for Monitoring Wells ^{1*}
Radiologics (pCi/l)									
Gross Alpha	0.9	<0.5	1.5	1.6	0.5	2.3	<1	3.05	ND - 36
VOCS (ug/L)									
Acetone	<20	<20	<20	<20	<20	<20	<20	<20	--
Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
Carbon tetrachloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
Chloroform	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
Chloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MEK	<20	<20	<20	<20	<20	<20	<20	<20	--
Methylene Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
Naphthalene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
Tetrahydrofuran	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.32	<1.0	--
Xylenes	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--

¹ From Figure 3, Table 10 and Appendix B of the *Revised Addendum, Background Groundwater Quality Report: New Wells for Denison Mines (USA) Corp's White Mesa Mill Site, San Juan County, Utah*, April 30, 2008, prepared by INTERA, Inc. and Table 16 and Appendix D of the *Revised Background Groundwater Quality Report: Existing Wells for Denison Mines (USA) Corp.'s White Mesa Uranium Mill Site, San Juan County, Utah*, October 2007, prepared by INTERA, Inc.

*Range of average historic values for On-Site Monitoring Wells as reported on April 30, 2008 (MW-1, MW-2, MW-3, MW-3A, MW-4, MW-5, MW-11, MW-12, MW-14, MW-15, MW-17, MW-18, MW-19, MW-20, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31 and MW-32)

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Tab A

Seeps and Springs Field Data Sheets and Photographic Documentation

Field Data Record-Seeps and Springs Sampling

Seep or Spring Location: Cottonwood Spring

Date For Initial Sampling Visit: 6/16/2015 Time: 1110

Sample Collected: Yes No

Date For Second Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Date For Third Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Sampling Personnel: Tanner Helliwell, Garrin Palmer, Deen Henderson, Phil Goble, Russ Topham

Weather Conditions at Time of Sampling: Partly cloudy

Estimated Seep or Spring Flow Rate: _____

Field Parameter Measurements:

- pH 7.30
- Temperature (°C) 16.40
- Conductivity µMHOC/cm 1658
- Turbidity (NTU) (if measured) 106.8
- Redox Potential Eh (mV) (if measured) 189

Analytical Parameters/Sample Collection Method:

Parameter	Sample Taken		Filtered		Sampling Method			
					Direct	Peristaltic Pump	Ladle	Other (describe in notes section)
VOCs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
THF	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrients	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Non Radiologics	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross Alpha	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Heavy Metals

QC Samples Associated with this Location:

- Rinsate Blank
- Duplicate

Duplicate Sample Name: _____

Notes: Arrived on site at 1055 state of Utah on site to split sample spring samples collected at 1110 Heavy rain in the last few days may affect samples left site at 1130



Cottonwood Spring
6/16/2015

Field Data Record-Seeps and Springs Sampling

Seep or Spring Location: Entrance Seep

Date For Initial Sampling Visit: 6/16/2015 Time: 0830

Sample Collected: Yes No

Date For Second Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Date For Third Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Sampling Personnel: Tanner Holliday, Deen Henderson, Phil Gable

Weather Conditions at Time of Sampling: Partly Cloudy

Estimated Seep or Spring Flow Rate: _____

Field Parameter Measurements:

- pH 6.57
- Temperature (°C) 17.63
- Conductivity μMHOC/cm 1141
- Turbidity (NTU) (if measured) 5.1
- Redox Potential Eh (mV) (if measured) 328

Analytical Parameters/Sample Collection Method:

Parameter	Sample Taken		Filtered		Sampling Method			
					Direct	Peristaltic Pump	Ladle	Other (describe in notes section)
VOCs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
THF	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrients	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Non Radiologics	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross Alpha	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Heavy Metals

QC Samples Associated with this Location:

- Rinsate Blank
- Duplicate

Duplicate Sample Name: _____

Notes: Arrived on site at 0825. Deen Henderson, Phil Gable with the State of Utah Present to observe sampling event. Samples collected at 0830. Rain in the Passed week have Pooling water in Area. Left Site at 0905
standing Rain water may affect sample quality



Entrance Seep
6/16/2015

Field Data Record-Seeps and Springs Sampling

Seep or Spring Location: Back Spring

Date For Initial Sampling Visit: 6/16/2015 Time: ~~0830~~ 0830

Sample Collected: Yes No

Date For Second Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Date For Third Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Sampling Personnel: Tanner Holliday, Deen Henderson, Phil Goble

Weather Conditions at Time of Sampling: Partly Cloudy

Estimated Seep or Spring Flow Rate: _____

Field Parameter Measurements:

- pH 6.57
- Temperature (°C) 17.63
- Conductivity μMHOC/cm 1141
- Turbidity (NTU) (if measured) 5.1
- Redox Potential Eh (mV) (if measured) 328

Analytical Parameters/Sample Collection Method:

Parameter	Sample Taken		Filtered		Sampling Method			
					Direct	Peristaltic Pump	Ladle	Other (describe in notes section)
VOCs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
THF	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrients	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Non Radiologics	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross Alpha	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Heavy metals

QC Samples Associated with this Location:

- Rinsate Blank
- Duplicate

Duplicate Sample Name: Back Spring

Notes: Heavy Rain and standing water may affect sample quality

Duplicate for entrance Spring.

Field Data Record-Seeps and Springs Sampling

Seep or Spring Location: Ruin Spring

Date For Initial Sampling Visit: 6/16/2015 Time: 0930

Sample Collected: Yes No

Date For Second Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Date For Third Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Sampling Personnel: Tanner Holliday, Deen Henderson, Phil Goble

Weather Conditions at Time of Sampling: Partly cloudy

Estimated Seep or Spring Flow Rate: 1 GPM

Field Parameter Measurements:

- pH 7.27
- Temperature (°C) 15.62
- Conductivity µMHOC/cm 1362
- Turbidity (NTU) (if measured) 0.4
- Redox Potential Eh (mV) (if measured) 229

Analytical Parameters/Sample Collection Method:

Parameter	Sample Taken		Filtered		Sampling Method			
					Direct	Peristaltic Pump	Ladle	Other (describe in notes section)
VOCs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
THF	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrients	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Non Radiologics	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross Alpha	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Heavy Metals

x

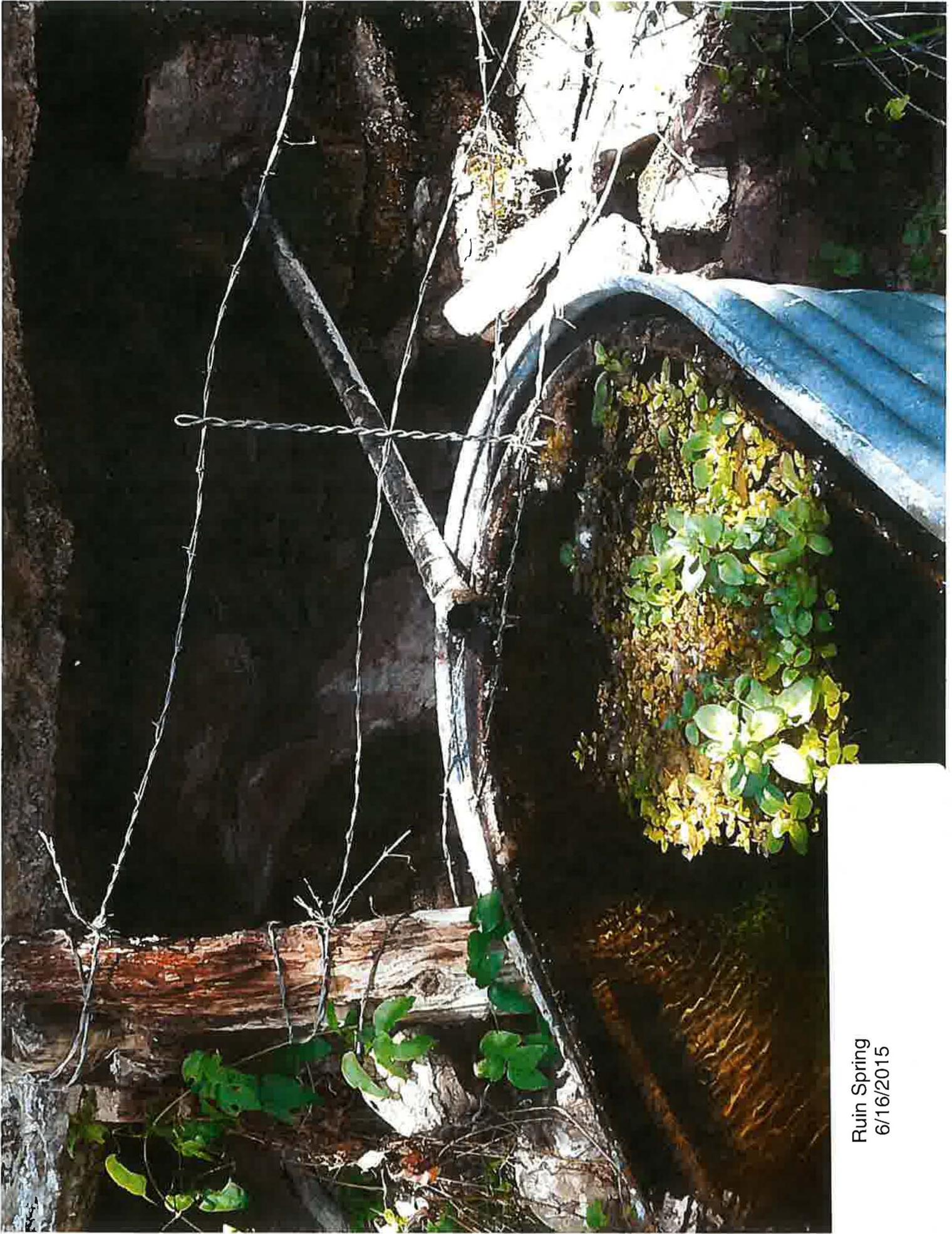
x

QC Samples Associated with this Location:

- Rinsate Blank
- Duplicate

Duplicate Sample Name: _____

Notes: Arrived on site at 0924. Samples taken at 0930. State of Utah on site to observe sampling event. Samples pulled at 0930 left site at 0949. Standing Rain water may affect sample quality.



Ruin Spring
6/16/2015

Field Data Record-Seeps and Springs Sampling

Seep or Spring Location: Westwater Seep

Date For Initial Sampling Visit: 6/16/2015 Time: 1030

Sample Collected: Yes No

Date For Second Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Date For Third Sampling Visit: _____ Time: _____

Sample Collected: Yes No

Sampling Personnel: Tanner Holliday, Guerin Palmer, Phil Gable, Dean Henderson, Russ Topham

Weather Conditions at Time of Sampling: Partly Cloudy

Estimated Seep or Spring Flow Rate: _____

Field Parameter Measurements:

- pH 7.24
- Temperature (°C) 17.52
- Conductivity µMHOC/cm 1372
- Turbidity (NTU) (if measured) 0.5
- Redox Potential Eh (mV) (if measured) 201

Analytical Parameters/Sample Collection Method:

Parameter	Sample Taken		Filtered		Sampling Method			
					Direct	Peristaltic Pump	Ladle	Other (describe in notes section)
VOCs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
THF	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrients	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Non Radiologics	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross Alpha	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Heavy Metals

QC Samples Associated with this Location:

- Rinsate Blank
- Duplicate
- Duplicate Sample Name: _____

Notes: Arrived on site at 1010. Spoke of water on site to observe sampling event
samples collected at 1030. Left site at 1040. Water samples is most likely
Surface water due to recent rain storms.



Westwater Seep
6/16/2015

Field Data Record-Seeps and Springs Sampling

Seep or Spring Location: Coral Canyon Seep

Date For Initial Sampling Visit: 6/16/2015 Time: 1140

Sample Collected: Yes No

Date For Second Sampling Visit: 8/25/15 Time: 1500

Sample Collected: Yes No

Date For Third Sampling Visit: 9/8/15 Time: 1430

Sample Collected: Yes No

Sampling Personnel: Garrin Palmer, Tamar Holliday

Weather Conditions at Time of Sampling: _____

Estimated Seep or Spring Flow Rate: NA

Field Parameter Measurements:

- pH _____
- Temperature (°C) _____
- Conductivity μMHOC/cm _____
- Turbidity (NTU) (if measured) _____
- Redox Potential Eh (mV) (if measured) _____

Analytical Parameters/Sample Collection Method:

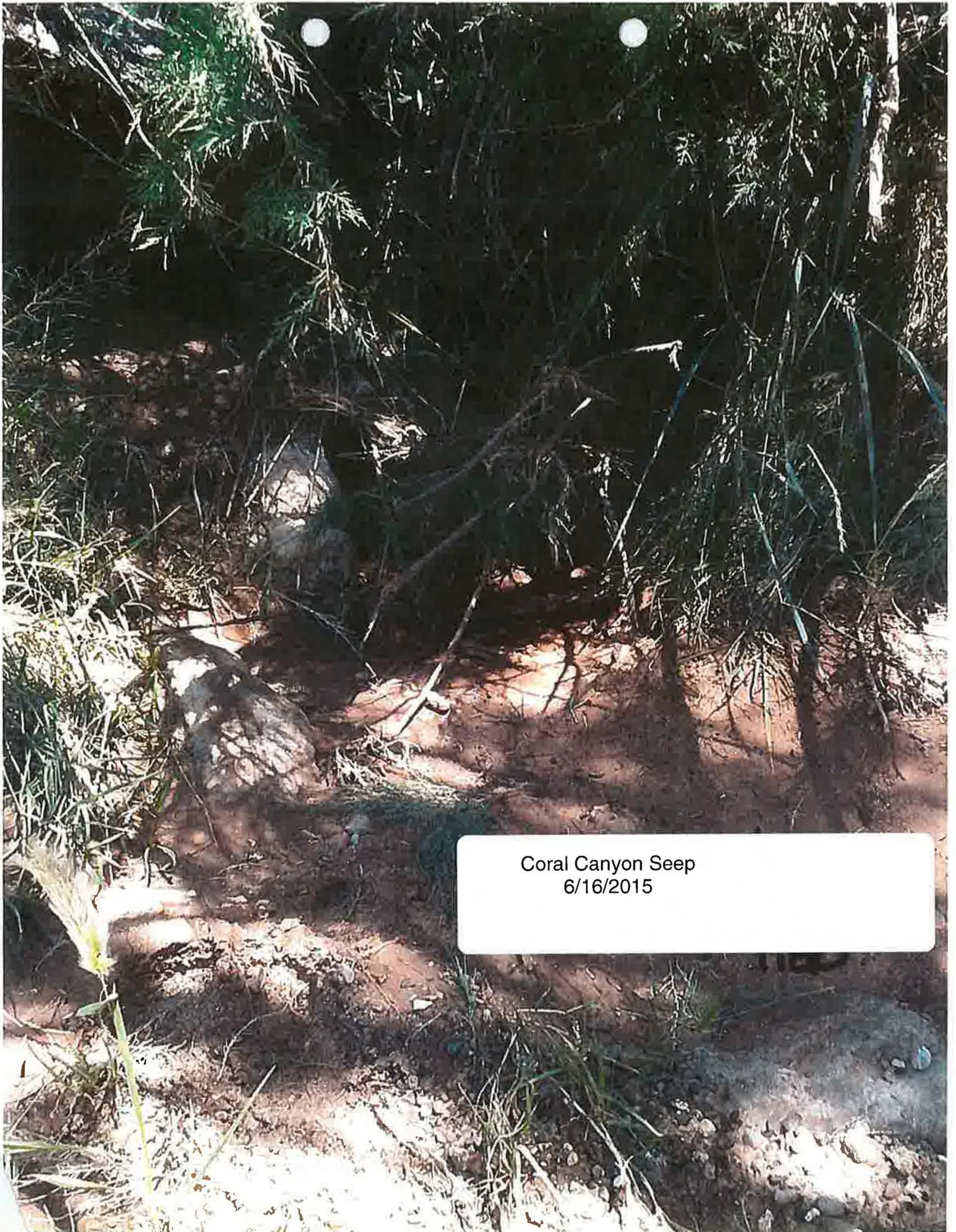
Parameter	Sample Taken		Filtered		Sampling Method			
					Direct	Peristaltic Pump	Ladle	Other (describe in notes section)
VOCs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
THF	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrients	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Non Radiologics	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross Alpha	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QC Samples Associated with this Location:

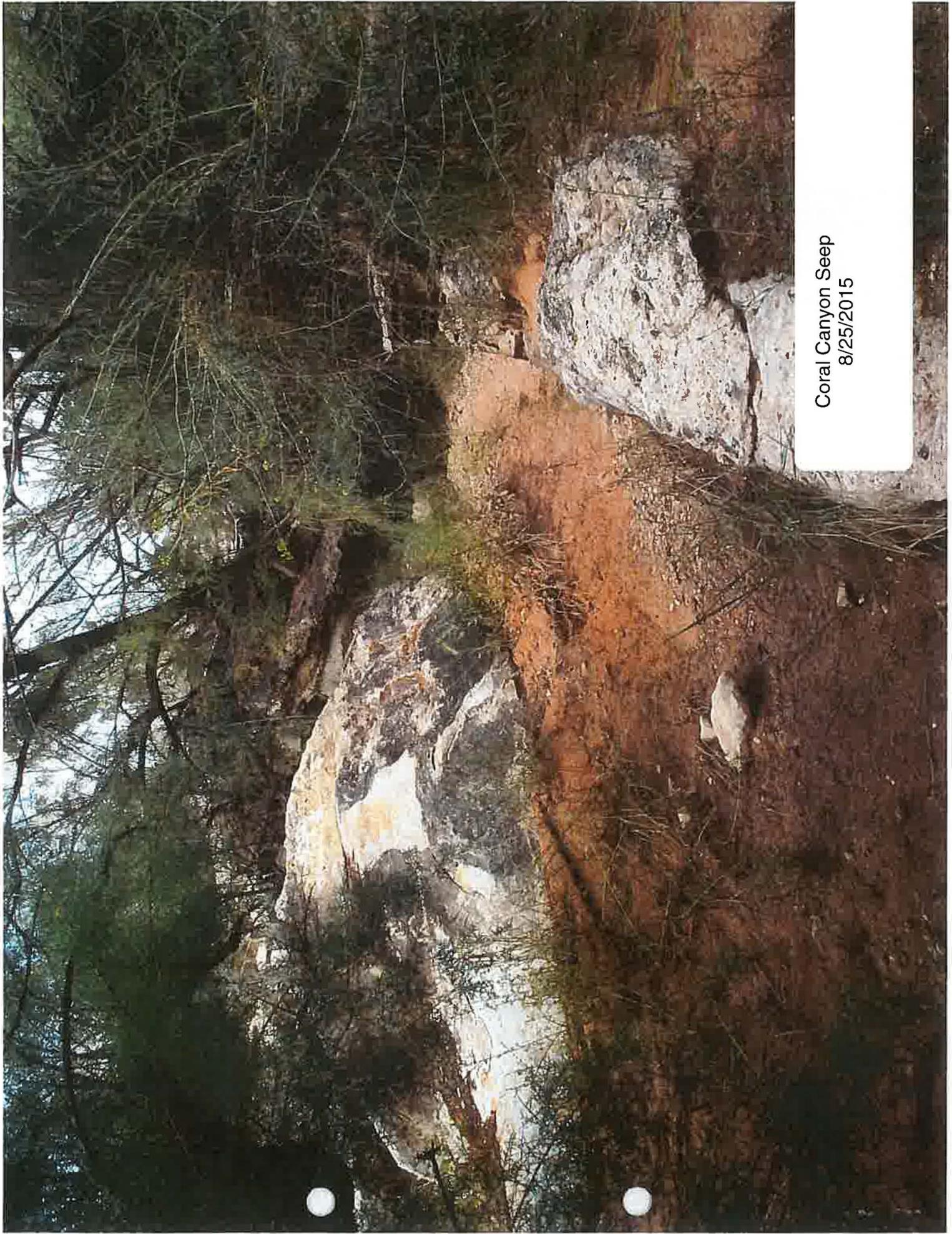
- Rinsate Blank
- Duplicate

Duplicate Sample Name: _____

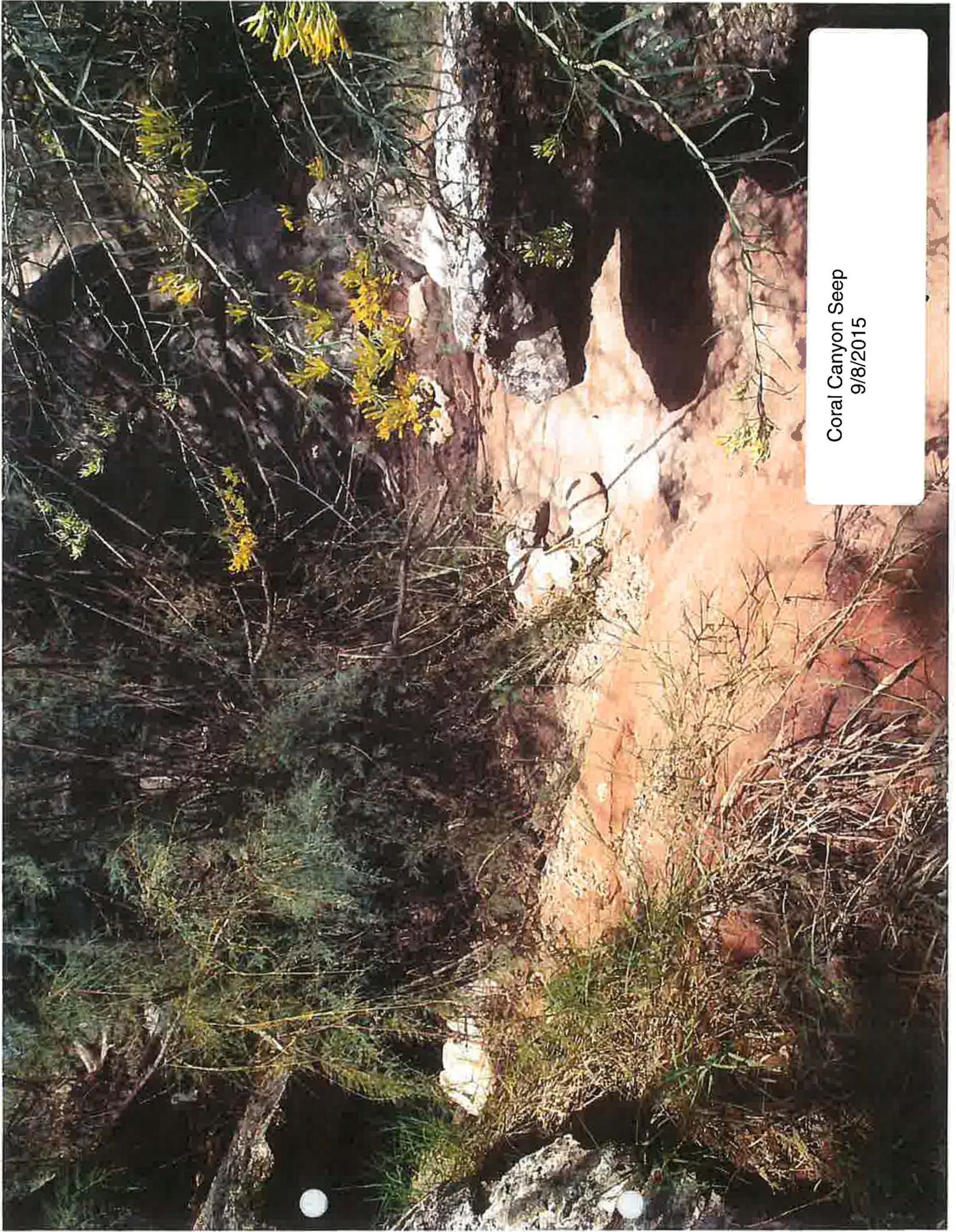
Notes: 8/25/15 - Arrived on site at 1500, seep was dry.
9/8/15 - Arrived on site at 1430, seep was dry.



Coral Canyon Seep
6/16/2015



Coral Canyon Seep
8/25/2015



Coral Canyon Seep
9/8/2015

Field Data Record-Seeps and Springs Sampling

Seep or Spring Location: Corral Spring

Date For Initial Sampling Visit: 6/16/2015 Time: 1210

Sample Collected: Yes No

Date For Second Sampling Visit: 8/25/15 Time: 1430

Sample Collected: Yes No

Date For Third Sampling Visit: 9/8/15 Time: 1400

Sample Collected: Yes No

Sampling Personnel: Garrin Palmer, Tanner Holliday

Weather Conditions at Time of Sampling: NA

Estimated Seep or Spring Flow Rate: NA

Field Parameter Measurements:

- pH _____
- Temperature (°C) _____
- Conductivity μMHOC/cm _____
- Turbidity (NTU) (if measured) _____
- Redox Potential Eh (mV) (if measured) _____

Analytical Parameters/Sample Collection Method:

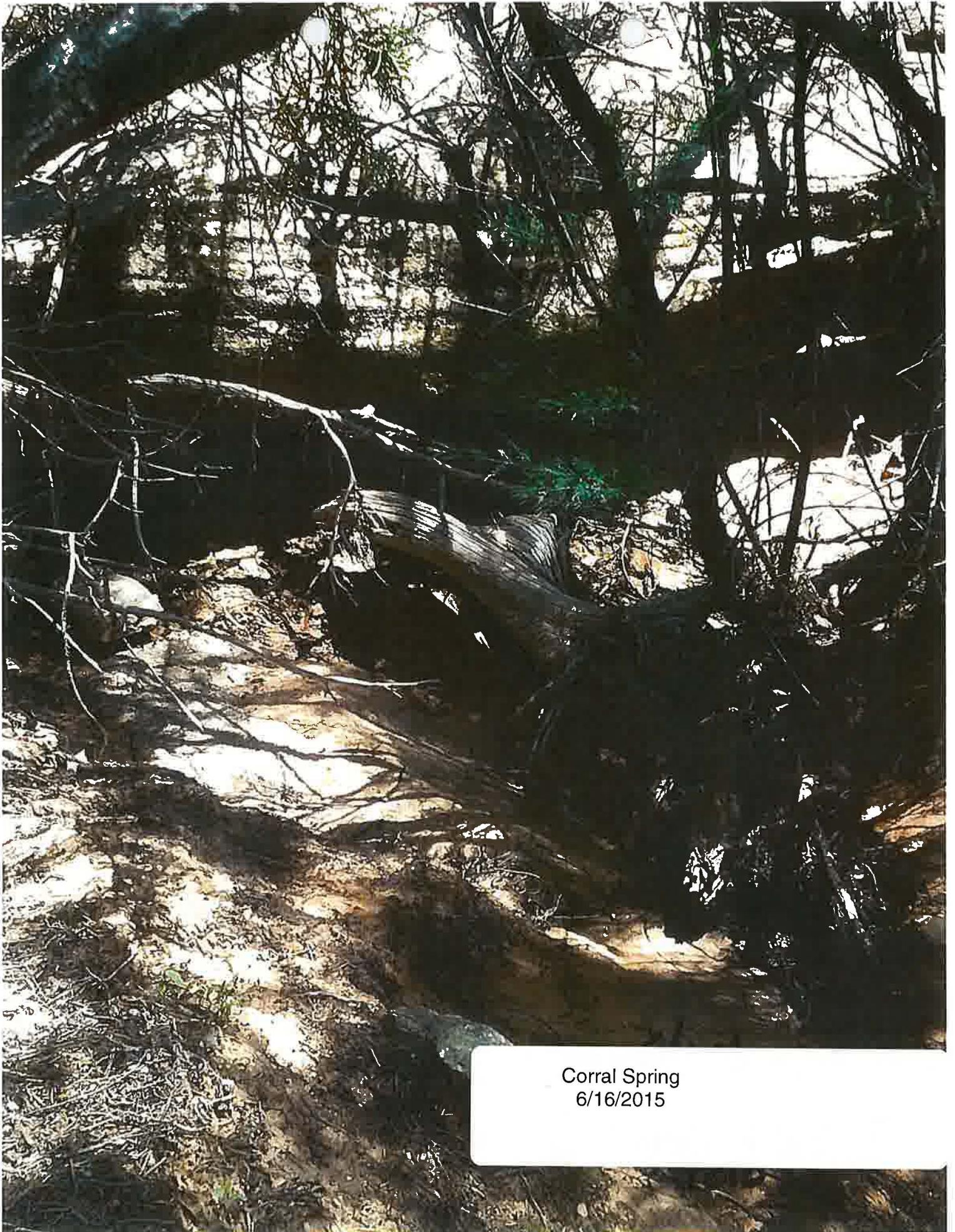
Parameter	Sample Taken		Filtered		Sampling Method			
					Direct	Peristaltic Pump	Ladle	Other (describe in notes section)
VOCs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
THF	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrients	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Non Radiologics	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross Alpha	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QC Samples Associated with this Location:

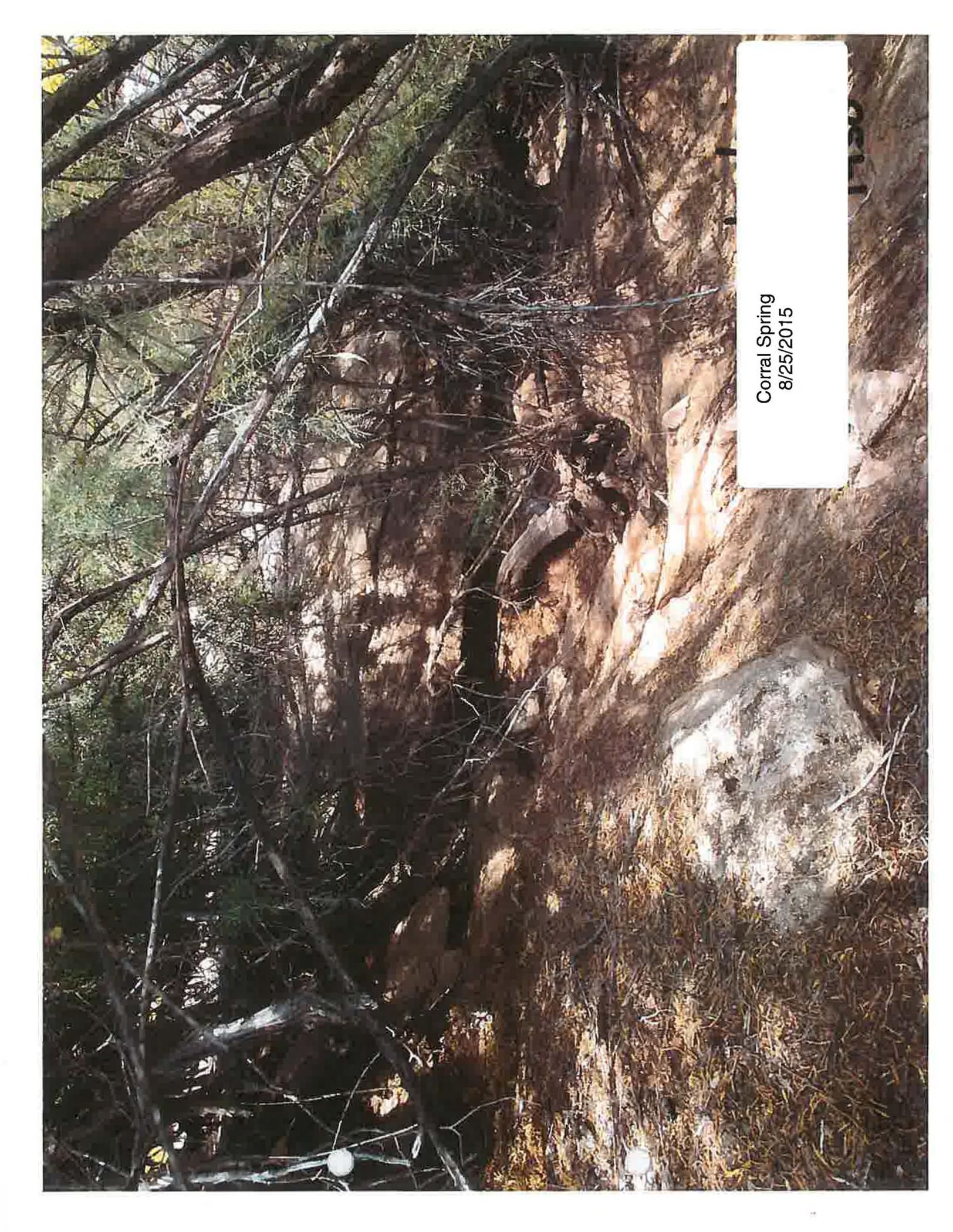
- Rinsate Blank
- Duplicate

Duplicate Sample Name: _____

Notes: 8/25/15 - Arrived on site at 1430, spring was dry.
9/8/15 - Arrived on site at 1400, spring was dry.



Corral Spring
6/16/2015

A photograph of a rocky, wooded area. The foreground is dominated by a large, light-colored rock. The ground is covered with dry, brownish vegetation and scattered rocks. The background shows a dense forest of trees with green foliage. A white label is positioned in the bottom right corner of the image.

Corral Spring
8/25/2015



Corral Spring
9/8/2015

Tab B

Field Parameter Measurement Data

Field parameters

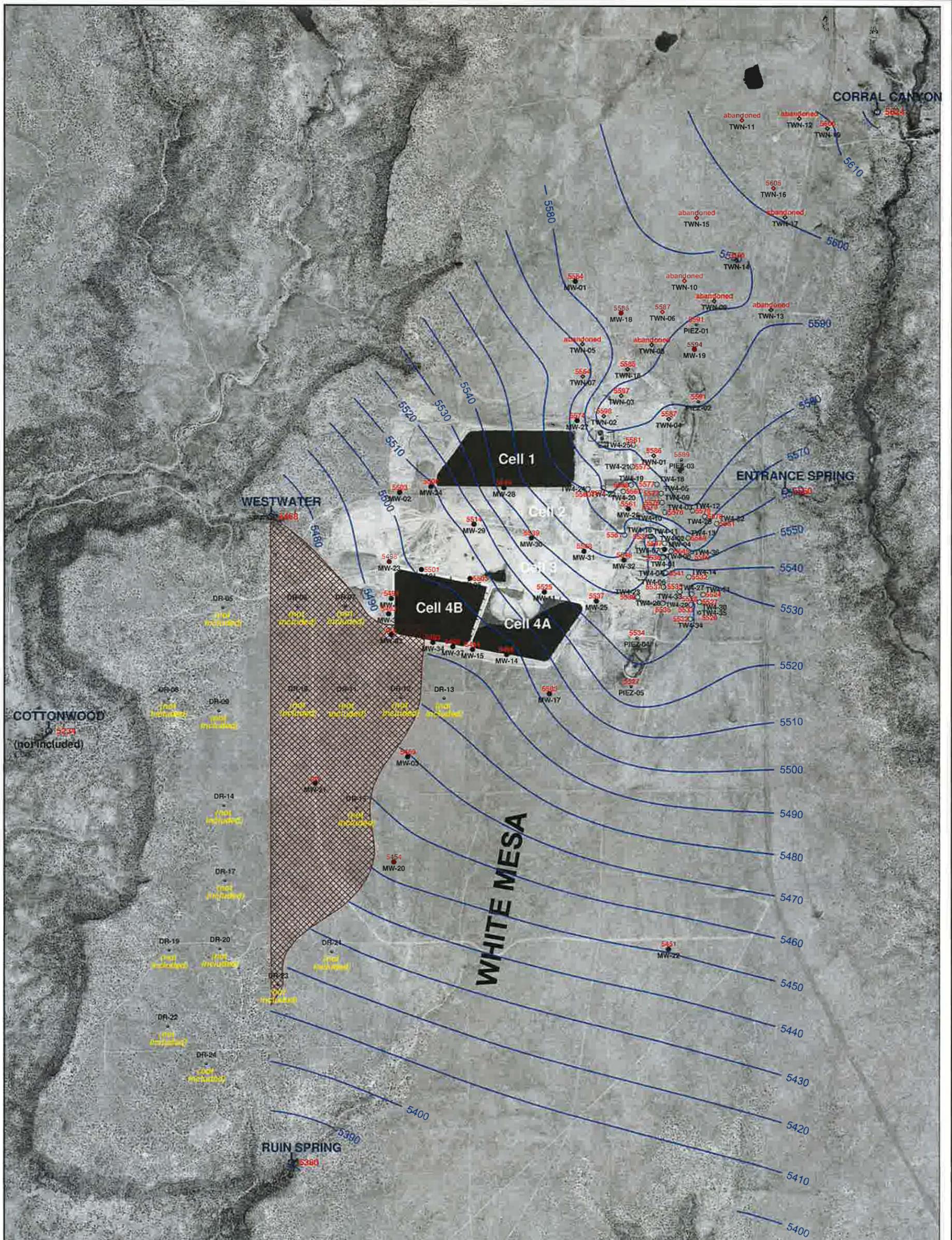
Location	pH	Conductivity	Turbidity	Redox	Temperature
Date	6/16/2015	6/16/2015	6/16/2015	6/16/2015	6/16/2015
Cottonwood Spring	7.30	1658	106.8	189	16.40
Entrance Seep	6.57	1141	5.1	328	17.63
Back Spring (Duplicate of Entrance Seep)	6.57	1141	5.1	328	17.63
Ruin Spring	7.27	1362	0.4	229	15.62
Westwater Seep	7.24	1372	0.5	201	17.52

Tab C

Survey Data and Contour Map

Seeps and Springs Survey Locations

Mid-December 2009 Survey			
Location	Latitude (N)	Longitude (W)	Elevation
FROG POND	37°33'03.5358"	109°29'04.9552"	5589.56
CORRAL CANYON	37°33'07.1392"	109°29'12.3907"	5623.97
ENTRANCE SPRING	37°32'01.6487"	109°29'33.7005"	5559.71
CORRAL SPRINGS	37°29'37.9192"	109°29'35.8201"	5383.35
RUIN SPRING	37°30'06.0448"	109°31'23.4300"	5380.03
COTTONWOOD	37°31'21.7002"	109°32'14.7923"	5234.33
WESTWATER	37°31'58.5020"	109°31'25.7345"	5468.23
Verification Survey July 2010			
RUIN SPRING	37°30'06.0456"	109°31'23.4181"	5380.01
COTTONWOOD	37°31'21.6987"	109°32'14.7927"	5234.27
WESTWATER	37°31'58.5013"	109°31'25.7357"	5468.32



EXPLANATION

-  estimated dry area
- 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 approximate elevation in feet amsl
- RUI-01  5380 seep or spring showing elevation in feet amsl

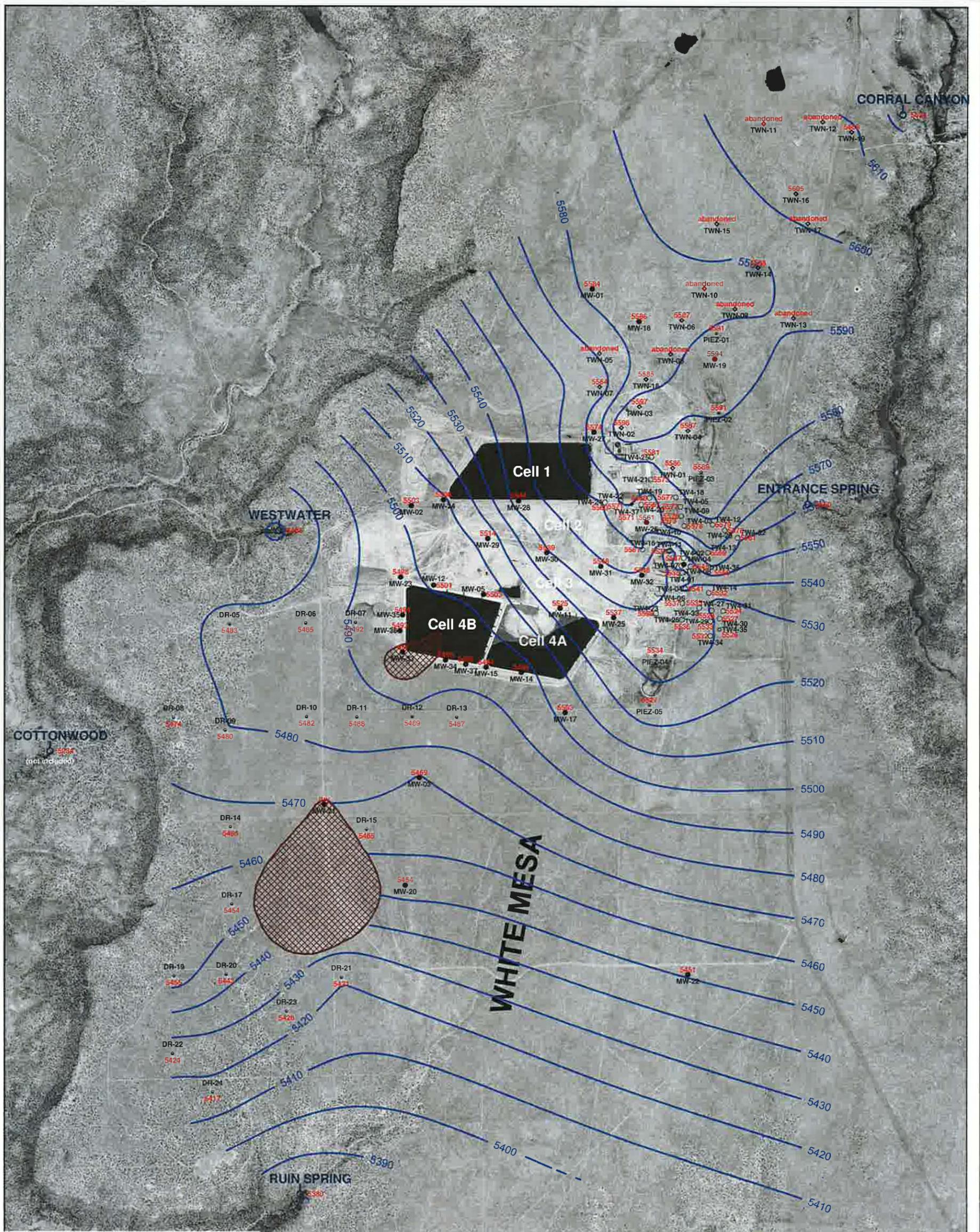
NOTES: MW-4, MW-26, TW4-1, TW4-2, TW4-4, TW4-11, TW4-19, TW4-20, TW4-21 and TW4-37 are chloroform pumping wells; TW4-22, TW4-24, TW4-25, and TWN-2 are nitrate pumping wells
 TW4-11 water level is below the base of the Burro Canyon Formation



**HYDRO
 GEO
 CHEM, INC.**

**KRIGED 3rd QUARTER, 2015 WATER LEVELS
 (DR-SERIES PIEZOMETERS NOT INCLUDED)
 WHITE MESA SITE**

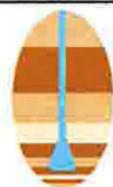
APPROVED	DATE	REFERENCE	H:/718000/nov15/ seeps_springs/Uwi0915sp_nodr.srf	FIGURE	C-1
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EXPLANATION

-  estimated dry area
-  TW4-37 temporary perched monitoring well installed March, 2015 showing elevation in feet amsl
-  MW-5 perched monitoring well showing elevation in feet amsl
-  TW4-12 temporary perched monitoring well showing elevation in feet amsl
-  TWN-7 temporary perched nitrate monitoring well showing elevation in feet amsl
-  PIEZ-1 perched piezometer showing elevation in feet amsl
-  TW4-35 temporary perched monitoring well installed May, 2014 showing elevation in feet amsl
-  RUIN SPRING 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 3rd QUARTER, 2015 WATER LEVELS
WHITE MESA SITE**

APPROVED	DATE	REFERENCE	FIGURE
		H:/718000/nov15/ seeps_springs/Uwl0915sp.srf	C-2

Tab D

Analytical Laboratory Data



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: Seeps and Springs 2015
Lab Sample ID: 1506378-004A
Client Sample ID: Cottonwood Spring
Collection Date: 6/16/2015 1110h
Received Date: 6/18/2015 1025h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/19/2015 116h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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

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	44.5	50.00	88.9	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.4	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	46.1	50.00	92.3	80-124	
Surr: Toluene-d8	2037-26-5	53.4	50.00	107	77-129	

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: July 17, 2015

Company : Energy Fuels Resources (USA), Inc.
Address : 225 Union Boulevard
Suite 600
Lakewood, Colorado 80228
Contact: Ms. Kathy Weinel
Project: GW Monitoring Project

Client Sample ID: Cottonwood Spring Project: DNMI00106
Sample ID: 375493004 Client ID: DNMI001
Matrix: Ground Water
Collect Date: 16-JUN-15 11:10
Receive Date: 22-JUN-15
Collector: Client

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	0.0198	+/-0.112	0.466	1.00	pCi/L		AXM6	07/15/15	1222	1490089	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
	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.

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: July 17, 2015

Company : Energy Fuels Resources (USA), Inc.
Address : 225 Union Boulevard
Suite 600
Lakewood, Colorado 80228
Contact: Ms. Kathy Weinel
Project: GW Monitoring Project

Client Sample ID: Entrance Seep Project: DNMI00106
Sample ID: 375493001 Client ID: DNMI001
Matrix: Ground Water
Collect Date: 16-JUN-15 08:30
Receive Date: 22-JUN-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		3.05	+/-0.358	0.459	1.00	pCi/L		AXM6	07/15/15	1221	1490089	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
	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.



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.
Project: Seeps and Springs 2015
Lab Sample ID: 1506378-002A
Client Sample ID: Ruin Spring
Collection Date: 6/16/2015 930h
Received Date: 6/18/2015 1025h

Contact: Garrin Palmer

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/19/2015 037h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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

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	44.0	50.00	88.1	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	50.2	50.00	100	80-152	
Surr: Dibromofluoromethane	1868-53-7	46.4	50.00	92.8	80-124	
Surr: Toluene-d8	2037-26-5	52.5	50.00	105	77-129	

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: July 17, 2015

Company : Energy Fuels Resources (USA), Inc.
Address : 225 Union Boulevard
Suite 600
Lakewood, Colorado 80228
Contact: Ms. Kathy Weinel
Project: GW Monitoring Project

Client Sample ID: Ruin Spring Project: DNMI00106
Sample ID: 375493002 Client ID: DNMI001
Matrix: Ground Water
Collect Date: 16-JUN-15 09:30
Receive Date: 22-JUN-15
Collector: Client

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	0.273	+/-0.165	0.535	1.00	pCi/L		AXM6	07/15/15	1222	1490089	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			92.0	(25%-125%)

Notes:

Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: Seeps and Springs 2015
Lab Sample ID: 1506378-003A
Client Sample ID: West Water Seep
Collection Date: 6/16/2015 1030h
Received Date: 6/18/2015 1025h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/19/2015 057h

Units: µg/L **Dilution Factor:** 1 **Method:** SW8260C

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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	44.5	50.00	88.9	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.6	50.00	107	80-152	
Surr: Dibromofluoromethane	1868-53-7	45.6	50.00	91.3	80-124	
Surr: Toluene-d8	2037-26-5	53.0	50.00	106	77-129	

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: July 17, 2015

Company : Energy Fuels Resources (USA), Inc.
Address : 225 Union Boulevard
Suite 600
Lakewood, Colorado 80228
Contact: Ms. Kathy Weinel
Project: GW Monitoring Project

Client Sample ID: West Water Seep Project: DNMI00106
Sample ID: 375493003 Client ID: DNMI001
Matrix: Ground Water
Collect Date: 16-JUN-15 10:30
Receive Date: 22-JUN-15
Collector: Client

Parameter	Qualifier	Result	Uncertainty	MDC	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Total Alpha Radium, Liquid "As Received"												
Gross Radium Alpha	U	-0.0116	+/-0.126	0.531	1.00	pCi/L		AXM6	07/15/15	1222	1490089	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			88.3	(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.



ORGANIC ANALYTICAL REPORT

Client: Energy Fuels Resources, Inc.

Contact: Garrin Palmer

Project: Seeps and Springs 2015

Lab Sample ID: 1506378-005A

Client Sample ID: Back Spring

Collection Date: 6/16/2015 830h

Received Date: 6/18/2015 1025h

Test Code: 8260-W-DEN100

Analytical Results

VOAs by GC/MS Method 8260C/5030C

Analyzed: 6/19/2015 136h

Units: µg/L

Dilution Factor: 1

Method: SW8260C

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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	44.4	50.00	88.8	72-151	
Surr: 4-Bromofluorobenzene	460-00-4	53.1	50.00	106	80-152	
Surr: Dibromofluoromethane	1868-53-7	46.2	50.00	92.4	80-124	
Surr: Toluene-d8	2037-26-5	52.7	50.00	105	77-129	

GEL LABORATORIES LLC

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

Certificate of Analysis

Report Date: July 17, 2015

Company : Energy Fuels Resources (USA), Inc.
Address : 225 Union Boulevard
Suite 600
Lakewood, Colorado 80228
Contact: Ms. Kathy Weinel
Project: GW Monitoring Project

Client Sample ID: Back Spring Project: DNMI00106
Sample ID: 375493005 Client ID: DNMI001
Matrix: Ground Water
Collect Date: 16-JUN-15 08:30
Receive Date: 22-JUN-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		3.11	+/-0.387	0.603	1.00	pCi/L		AXM6	07/15/15	1222	1490089	1

The following Analytical Methods were performed:

Method	Description	Analyst Comments
	EPA 900.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium Carrier	GFPC, Total Alpha Radium, Liquid "As Received"			90.2	(25%-125%)

Notes:

Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

SRL = Sample Reporting Limit. For metals analysis only. When the sample is U qualified and ND, the SRL column reports the value which is the greater of either the adjusted MDL or the CRDL.



Garrin Palmer
Energy Fuels Resources, Inc.
6425 S. Hwy 191
Blanding, UT 84511
TEL: (435) 678-2221

RE: Seeps and Springs 2015

Dear Garrin Palmer:

Lab Set ID: 1506378

3440 South 700 West
Salt Lake City, UT 84119

American West Analytical Laboratories received sample(s) on 6/18/2015 for the analyses presented in the following report.

Phone: (801) 263-8686
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Fax: (801) 263-8687
e-mail: awal@awal-labs.com

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.

web: www.awal-labs.com

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.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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: 2015.07.02 11:39:56
-06'00'

Laboratory Director or designee



SAMPLE SUMMARY

Client: Energy Fuels Resources, Inc. **Contact:** Garrin Palmer
Project: Seeps and Springs 2015
Lab Set ID: 1506378
Date Received: 6/18/2015 1025h

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1506378-001A	Entrance Seep	6/16/2015 830h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506378-001B	Entrance Seep	6/16/2015 830h	Aqueous	Anions, E300.0
1506378-001B	Entrance Seep	6/16/2015 830h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1506378-001C	Entrance Seep	6/16/2015 830h	Aqueous	Total Dissolved Solids, A2540C
1506378-001D	Entrance Seep	6/16/2015 830h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506378-001D	Entrance Seep	6/16/2015 830h	Aqueous	Ammonia, Aqueous
1506378-001E	Entrance Seep	6/16/2015 830h	Aqueous	Ion Balance
1506378-001E	Entrance Seep	6/16/2015 830h	Aqueous	ICP Metals, Dissolved
1506378-001E	Entrance Seep	6/16/2015 830h	Aqueous	ICPMS Metals, Dissolved
1506378-001E	Entrance Seep	6/16/2015 830h	Aqueous	Mercury, Drinking Water Dissolved
1506378-002A	Ruin Spring	6/16/2015 930h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506378-002B	Ruin Spring	6/16/2015 930h	Aqueous	Anions, E300.0
1506378-002B	Ruin Spring	6/16/2015 930h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1506378-002C	Ruin Spring	6/16/2015 930h	Aqueous	Total Dissolved Solids, A2540C
1506378-002D	Ruin Spring	6/16/2015 930h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506378-002D	Ruin Spring	6/16/2015 930h	Aqueous	Ammonia, Aqueous
1506378-002E	Ruin Spring	6/16/2015 930h	Aqueous	Ion Balance
1506378-002E	Ruin Spring	6/16/2015 930h	Aqueous	ICP Metals, Dissolved
1506378-002E	Ruin Spring	6/16/2015 930h	Aqueous	ICPMS Metals, Dissolved
1506378-002E	Ruin Spring	6/16/2015 930h	Aqueous	Mercury, Drinking Water Dissolved
1506378-003A	West Water Seep	6/16/2015 1030h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506378-003B	West Water Seep	6/16/2015 1030h	Aqueous	Anions, E300.0
1506378-003B	West Water Seep	6/16/2015 1030h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1506378-003C	West Water Seep	6/16/2015 1030h	Aqueous	Total Dissolved Solids, A2540C
1506378-003D	West Water Seep	6/16/2015 1030h	Aqueous	Ammonia, Aqueous
1506378-003D	West Water Seep	6/16/2015 1030h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506378-003E	West Water Seep	6/16/2015 1030h	Aqueous	Ion Balance
1506378-003E	West Water Seep	6/16/2015 1030h	Aqueous	ICP Metals, Dissolved
1506378-003E	West Water Seep	6/16/2015 1030h	Aqueous	ICPMS Metals, Dissolved



Client: Energy Fuels Resources, Inc.
Project: Seeps and Springs 2015
Lab Set ID: 1506378
Date Received: 6/18/2015 1025h

Contact: Garrin Palmer

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Salt Lake City, UT 84119

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web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Lab Sample ID	Client Sample ID	Date Collected	Matrix	Analysis
1506378-003E	West Water Seep	6/16/2015 1030h	Aqueous	Mercury, Drinking Water Dissolved
1506378-004A	Cottonwood Spring	6/16/2015 1110h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506378-004B	Cottonwood Spring	6/16/2015 1110h	Aqueous	Anions, E300.0
1506378-004B	Cottonwood Spring	6/16/2015 1110h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1506378-004C	Cottonwood Spring	6/16/2015 1110h	Aqueous	Total Dissolved Solids, A2540C
1506378-004D	Cottonwood Spring	6/16/2015 1110h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506378-004D	Cottonwood Spring	6/16/2015 1110h	Aqueous	Ammonia, Aqueous
1506378-004E	Cottonwood Spring	6/16/2015 1110h	Aqueous	ICP Metals, Dissolved
1506378-004E	Cottonwood Spring	6/16/2015 1110h	Aqueous	ICPMS Metals, Dissolved
1506378-004E	Cottonwood Spring	6/16/2015 1110h	Aqueous	Ion Balance
1506378-004E	Cottonwood Spring	6/16/2015 1110h	Aqueous	Mercury, Drinking Water Dissolved
1506378-005A	Back Spring	6/16/2015 830h	Aqueous	VOA by GC/MS Method 8260C/5030C
1506378-005B	Back Spring	6/16/2015 830h	Aqueous	Anions, E300.0
1506378-005B	Back Spring	6/16/2015 830h	Aqueous	Alkalinity/ Bicarbonate/ Carbonate, Low Level
1506378-005C	Back Spring	6/16/2015 830h	Aqueous	Total Dissolved Solids, A2540C
1506378-005D	Back Spring	6/16/2015 830h	Aqueous	Nitrite/Nitrate (as N), E353.2
1506378-005D	Back Spring	6/16/2015 830h	Aqueous	Ammonia, Aqueous
1506378-005E	Back Spring	6/16/2015 830h	Aqueous	Ion Balance
1506378-005E	Back Spring	6/16/2015 830h	Aqueous	ICP Metals, Dissolved
1506378-005E	Back Spring	6/16/2015 830h	Aqueous	ICPMS Metals, Dissolved
1506378-005E	Back Spring	6/16/2015 830h	Aqueous	Mercury, Drinking Water Dissolved
1506378-006A	Trip Blank	6/16/2015	Aqueous	VOA by GC/MS Method 8260C/5030C



Inorganic Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: Seeps and Springs 2015
Lab Set ID: 1506378

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt: 6/18/2015
Date of Collection: 6/16/2015
Sample Condition: Intact
C-O-C Discrepancies: See Chain of Custody

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
1506378-001C	Nitrate-Nitrite (as N)	MS	Sample matrix interference
1506378-001C	Ammonia (as N)	MS	Sample matrix interference

Duplicate (DUP): The RPD for Total Dissolved Solids on sample 1506378-001C was outside of the control limits due to sample non-homogeneity or matrix interference.

Corrective Action: None required.



Volatile Case Narrative

Client: Energy Fuels Resources, Inc.
Contact: Garrin Palmer
Project: Seeps and Springs 2015
Lab Set ID: 1506378

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Salt Lake City, UT 84119

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Sample Receipt Information:

Date of Receipt: 6/18/2015
Date of Collection: 6/16/2015
Sample Condition: Intact
C-O-C Discrepancies: See Chain of Custody
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 (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.

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: 1506378
Project: Seeps and Springs 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-37645		Date Analyzed:		06/29/2015 904h									
Test Code:		Date Prepared:		06/18/2015 1457h									
Calcium	10.6	mg/L	E200.7	0.0401	1.00	10.00	0	106	85 - 115				
Magnesium	10.4	mg/L	E200.7	0.0294	1.00	10.00	0	104	85 - 115				
Potassium	10.1	mg/L	E200.7	0.247	1.00	10.00	0	101	85 - 115				
Sodium	10.3	mg/L	E200.7	0.0330	1.00	10.00	0	103	85 - 115				
Vanadium	0.200	mg/L	E200.7	0.00116	0.00500	0.2000	0	100	85 - 115				
Lab Sample ID: LCS-37646		Date Analyzed:		06/29/2015 1648h									
Test Code:		Date Prepared:		06/18/2015 1457h									
Arsenic	0.205	mg/L	E200.8	0.0000920	0.00200	0.2000	0	102	85 - 115				
Beryllium	0.202	mg/L	E200.8	0.0000288	0.00200	0.2000	0	101	85 - 115				
Cadmium	0.198	mg/L	E200.8	0.000193	0.000500	0.2000	0	99.1	85 - 115				
Chromium	0.200	mg/L	E200.8	0.00154	0.00200	0.2000	0	100	85 - 115				
Cobalt	0.199	mg/L	E200.8	0.0000434	0.00400	0.2000	0	99.3	85 - 115				
Copper	0.203	mg/L	E200.8	0.000692	0.00200	0.2000	0	102	85 - 115				
Iron	0.998	mg/L	E200.8	0.0118	0.100	1.000	0	99.8	85 - 115				
Lead	0.203	mg/L	E200.8	0.000264	0.00200	0.2000	0	101	85 - 115				
Manganese	0.199	mg/L	E200.8	0.00153	0.00200	0.2000	0	99.5	85 - 115				
Molybdenum	0.202	mg/L	E200.8	0.000206	0.00200	0.2000	0	101	85 - 115				
Nickel	0.199	mg/L	E200.8	0.000754	0.00200	0.2000	0	99.5	85 - 115				
Selenium	0.198	mg/L	E200.8	0.0000634	0.00200	0.2000	0	98.9	85 - 115				
Silver	0.198	mg/L	E200.8	0.0000244	0.00200	0.2000	0	98.8	85 - 115				
Thallium	0.197	mg/L	E200.8	0.0000242	0.00200	0.2000	0	98.6	85 - 115				
Tin	1.02	mg/L	E200.8	0.000348	0.00200	1.000	0	102	85 - 115				
Uranium	0.206	mg/L	E200.8	0.0000112	0.00200	0.2000	0	103	85 - 115				
Zinc	1.01	mg/L	E200.8	0.00476	0.00500	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: 1506378
Project: Seeps and Springs 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-37657	Date Analyzed: 06/19/2015 1237h												
Test Code: HG-DW-DIS-245.1	Date Prepared: 06/18/2015 1615h												
Mercury	0.00346	mg/L	E245.1	0.00000892	0.000150	0.003330	0	104	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: 1506378
Project: Seeps and Springs 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-37645	Date Analyzed:	06/29/2015	902h										
Test Code:	200.7-DIS	Date Prepared:	06/18/2015	1457h									
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-37646	Date Analyzed:	06/29/2015	1645h										
Test Code:	200.8-DIS	Date Prepared:	06/18/2015	1457h									
Arsenic	< 0.00200	mg/L	E200.8	0.0000920	0.00200								
Cadmium	< 0.000500	mg/L	E200.8	0.000193	0.000500								
Chromium	< 0.00200	mg/L	E200.8	0.00154	0.00200								
Cobalt	< 0.00400	mg/L	E200.8	0.0000434	0.00400								
Copper	< 0.00200	mg/L	E200.8	0.000692	0.00200								
Manganese	< 0.00200	mg/L	E200.8	0.00153	0.00200								
Molybdenum	< 0.00200	mg/L	E200.8	0.000206	0.00200								
Nickel	< 0.00200	mg/L	E200.8	0.000754	0.00200								
Silver	< 0.00200	mg/L	E200.8	0.0000244	0.00200								
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-37646	Date Analyzed:	06/29/2015	1948h										
Test Code:	200.8-DIS	Date Prepared:	06/18/2015	1457h									
Beryllium	< 0.000500	mg/L	E200.8	0.00000720	0.000500								
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-37646	Date Analyzed:	06/30/2015	1606h										
Test Code:	200.8-DIS	Date Prepared:	06/18/2015	1457h									
Iron	< 0.0250	mg/L	E200.8	0.00296	0.0250								



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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506378
Project: Seeps and Springs 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-37646	Date Analyzed:	06/30/2015	1606h										
Test Code:	200 8-DIS	Date Prepared:	06/18/2015	1457h									
Selenium	< 0.000500	mg/L	E200.8	0.0000158	0.000500								
Lab Sample ID: MB-37646	Date Analyzed:	06/30/2015	1652h										
Test Code:	200 8-DIS	Date Prepared:	06/18/2015	1457h									
Uranium	< 0.000200	mg/L	E200.8	0.00000112	0.000200								
Lab Sample ID: MB-37657	Date Analyzed:	06/19/2015	1235h										
Test Code:	HG-DW-DIS-245.1	Date Prepared:	06/18/2015	1615h									
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: 1506378
Project: Seeps and Springs 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: 1506378-001EMS													
Date Analyzed:		06/29/2015 912h											
Test Code:		200.7-DIS											
Date Prepared:		06/18/2015 1457h											
Calcium	141	mg/L	E200.7	0.802	20.0	10.00	131	102	70 - 130				
Sodium	104	mg/L	E200.7	0.660	20.0	10.00	93.1	109	70 - 130				
Lab Sample ID: 1506378-001EMS													
Date Analyzed:		06/29/2015 1619h											
Test Code:		200.7-DIS											
Date Prepared:		06/18/2015 1457h											
Magnesium	43.8	mg/L	E200.7	0.0294	1.00	10.00	33.3	105	70 - 130				
Potassium	11.3	mg/L	E200.7	0.247	1.00	10.00	1.62	96.6	70 - 130				
Vanadium	0.210	mg/L	E200.7	0.00116	0.00500	0.2000	0.00627	102	70 - 130				
Lab Sample ID: 1506378-001EMS													
Date Analyzed:		06/29/2015 1701h											
Test Code:		200.8-DIS											
Date Prepared:		06/18/2015 1457h											
Arsenic	0.210	mg/L	E200.8	0.0000920	0.00200	0.2000	0.00502	102	75 - 125				
Beryllium	0.201	mg/L	E200.8	0.0000288	0.00200	0.2000	0	101	75 - 125				
Cadmium	0.195	mg/L	E200.8	0.000193	0.000500	0.2000	0	97.6	75 - 125				
Chromium	0.198	mg/L	E200.8	0.00154	0.00200	0.2000	0	98.8	75 - 125				
Cobalt	0.198	mg/L	E200.8	0.0000434	0.00400	0.2000	0.00177	98.4	75 - 125				
Copper	0.201	mg/L	E200.8	0.000692	0.00200	0.2000	0	101	75 - 125				
Iron	1.29	mg/L	E200.8	0.0118	0.100	1.000	0.295	99.6	75 - 125				
Lead	0.201	mg/L	E200.8	0.000264	0.00200	0.2000	0	100	75 - 125				
Manganese	0.567	mg/L	E200.8	0.00153	0.00200	0.2000	0.367	100	75 - 125				
Molybdenum	0.207	mg/L	E200.8	0.000206	0.00200	0.2000	0.00364	102	75 - 125				
Nickel	0.197	mg/L	E200.8	0.000754	0.00200	0.2000	0.00124	98.0	75 - 125				
Selenium	0.202	mg/L	E200.8	0.0000634	0.00200	0.2000	0.0044	98.7	75 - 125				
Silver	0.193	mg/L	E200.8	0.0000244	0.00200	0.2000	0.000431	96.1	75 - 125				
Thallium	0.196	mg/L	E200.8	0.0000242	0.00200	0.2000	0	97.8	75 - 125				
Tin	1.03	mg/L	E200.8	0.000348	0.00200	1.000	0.000414	103	75 - 125				
Uranium	0.241	mg/L	E200.8	0.0000112	0.00200	0.2000	0.036	103	75 - 125				
Zinc	0.993	mg/L	E200.8	0.00476	0.00500	1.000	0	99.3	75 - 125				



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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506378
Project: Seeps and Springs 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: 1506265-001EMS	Date Analyzed:	06/19/2015 1249h												
Test Code:	HG-DW-DIS-245.1		Date Prepared:	06/18/2015 1615h										
Mercury	0.00338	mg/L	E245.1	0.00000892	0.000150	0.003330	0	101	85 - 115					
Lab Sample ID: 1506378-001EMS	Date Analyzed:	06/19/2015 1311h												
Test Code:	HG-DW-DIS-245.1		Date Prepared:	06/18/2015 1615h										
Mercury	0.00353	mg/L	E245.1	0.00000892	0.000150	0.003330	0.0000517	104	85 - 115					



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506378
Project: Seeps and Springs 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: 1506378-001EMSD		Date Analyzed:	06/29/2015 914h										
Test Code: 200.7-DIS		Date Prepared:	06/18/2015 1457h										
Calcium	141	mg/L	E200.7	0.802	20.0	10.00	131	97.3	70 - 130	141	0.324	20	
Sodium	103	mg/L	E200.7	0.660	20.0	10.00	93.1	98.5	70 - 130	104	1.04	20	
Lab Sample ID: 1506378-001EMSD		Date Analyzed:	06/29/2015 1621h										
Test Code: 200.7-DIS		Date Prepared:	06/18/2015 1457h										
Magnesium	43.8	mg/L	E200.7	0.0294	1.00	10.00	33.3	105	70 - 130	43.8	0.103	20	
Potassium	11.1	mg/L	E200.7	0.247	1.00	10.00	1.62	95.2	70 - 130	11.3	1.30	20	
Vanadium	0.206	mg/L	E200.7	0.00116	0.00500	0.2000	0.00627	99.8	70 - 130	0.21	2.01	20	
Lab Sample ID: 1506378-001EMSD		Date Analyzed:	06/29/2015 1704h										
Test Code: 200.8-DIS		Date Prepared:	06/18/2015 1457h										
Arsenic	0.207	mg/L	E200.8	0.0000920	0.00200	0.2000	0.00502	101	75 - 125	0.21	1.36	20	
Beryllium	0.196	mg/L	E200.8	0.0000288	0.00200	0.2000	0	98.1	75 - 125	0.201	2.48	20	
Cadmium	0.192	mg/L	E200.8	0.000193	0.000500	0.2000	0	96.2	75 - 125	0.195	1.45	20	
Chromium	0.196	mg/L	E200.8	0.00154	0.00200	0.2000	0	97.8	75 - 125	0.198	1.04	20	
Cobalt	0.194	mg/L	E200.8	0.0000434	0.00400	0.2000	0.00177	96.3	75 - 125	0.198	2.13	20	
Copper	0.197	mg/L	E200.8	0.000692	0.00200	0.2000	0	98.5	75 - 125	0.201	2.25	20	
Iron	1.27	mg/L	E200.8	0.0118	0.100	1.000	0.295	97.5	75 - 125	1.29	1.62	20	
Lead	0.197	mg/L	E200.8	0.000264	0.00200	0.2000	0	98.4	75 - 125	0.201	1.89	20	
Manganese	0.559	mg/L	E200.8	0.00153	0.00200	0.2000	0.367	95.9	75 - 125	0.567	1.54	20	
Molybdenum	0.204	mg/L	E200.8	0.000206	0.00200	0.2000	0.00364	100	75 - 125	0.207	1.66	20	
Nickel	0.192	mg/L	E200.8	0.000754	0.00200	0.2000	0.00124	95.4	75 - 125	0.197	2.71	20	
Selenium	0.199	mg/L	E200.8	0.0000634	0.00200	0.2000	0.0044	97.1	75 - 125	0.202	1.65	20	
Silver	0.190	mg/L	E200.8	0.0000244	0.00200	0.2000	0.000431	95.0	75 - 125	0.193	1.18	20	
Thallium	0.190	mg/L	E200.8	0.0000242	0.00200	0.2000	0	95.1	75 - 125	0.196	2.78	20	
Tin	1.01	mg/L	E200.8	0.000348	0.00200	1.000	0.000414	101	75 - 125	1.03	1.98	20	
Uranium	0.237	mg/L	E200.8	0.0000112	0.00200	0.2000	0.036	101	75 - 125	0.241	1.65	20	
Zinc	0.974	mg/L	E200.8	0.00476	0.00500	1.000	0	97.4	75 - 125	0.993	1.95	20	



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Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506378
Project: Seeps and Springs 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: 1506265-001EMSD	Date Analyzed:	06/19/2015	1251h										
Test Code:	HG-DW-DIS-245.1	Date Prepared:	06/18/2015	1615h									
Mercury	0.00341	mg/L	E245.1	0.00000892	0.000150	0.003330	0	102	85 - 115	0.00338	0.836	20	
Lab Sample ID: 1506378-001EMSD	Date Analyzed:	06/19/2015	1317h										
Test Code:	HG-DW-DIS-245.1	Date Prepared:	06/18/2015	1615h									
Mercury	0.00339	mg/L	E245.1	0.00000892	0.000150	0.003330	0.0000517	100	85 - 115	0.00353	4.14	20	



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506378
Project: Seeps and Springs 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: 1506378-001CDUP													
Date Analyzed: 06/22/2015 1545h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	716	mg/L	SM2540C	12.3	20.0					680	5.16	5	@

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



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506378
Project: Seeps and Springs 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-R80220 Date Analyzed: 06/29/2015 1052h													
Test Code: 300.0-W													
Chloride	4.79	mg/L	E300.0	0.00751	0.100	5.000	0	95.8	90 - 110				
Fluoride	4.82	mg/L	E300.0	0.00681	0.100	5.000	0	96.4	90 - 110				
Sulfate	4.90	mg/L	E300.0	0.0211	0.750	5.000	0	98.0	90 - 110				
Lab Sample ID: LCS-R79886 Date Analyzed: 06/19/2015 1019h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO3)	51,100	mg/L	SM2320B	0.504	1.00	50,000	0	102	90 - 110				
Lab Sample ID: LCS-37711 Date Analyzed: 06/23/2015 1412h													
Test Code: NH3-W-350.1 Date Prepared: 06/23/2015 842h													
Ammonia (as N)	9.21	mg/L	E350.1	0.0226	0.0500	10.00	0	92.1	90 - 110				
Lab Sample ID: LCS-R80177 Date Analyzed: 06/24/2015 1617h													
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-R79959 Date Analyzed: 06/22/2015 1545h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	234	mg/L	SM2540C	6.13	10.0	205.0	0	114	80 - 120				



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QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506378
Project: Seeps and Springs 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-R80220		Date Analyzed: 06/29/2015 1035h											
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-R79886		Date Analyzed: 06/19/2015 1019h											
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-37711		Date Analyzed: 06/23/2015 1411h											
Test Code: NH3-W-350.1		Date Prepared: 06/23/2015 842h											
Ammonia (as N)	< 0.0500	mg/L	E350.1	0.0226	0.0500								
Lab Sample ID: MB-R80177		Date Analyzed: 06/24/2015 1615h											
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-R79959		Date Analyzed: 06/22/2015 1545h											
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: 1506378
Project: Seeps and Springs 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: 1506378-001BMS Date Analyzed: 06/29/2015 1126h													
Test Code: 300.0-W													
Sulfate	712	mg/L	E300.0	2.11	75.0	500.0	210	100	90 - 110				
Lab Sample ID: 1506378-002BMS Date Analyzed: 06/29/2015 1431h													
Test Code: 300.0-W													
Chloride	78.7	mg/L	E300.0	0.0751	1.00	50.00	27.4	103	90 - 110				
Lab Sample ID: 1506378-003BMS Date Analyzed: 06/29/2015 1737h													
Test Code: 300.0-W													
Fluoride	5.29	mg/L	E300.0	0.00681	0.100	5.000	0.424	97.2	90 - 110				
Lab Sample ID: 1506378-001BMS Date Analyzed: 06/19/2015 1019h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO ₃)	1,590	mg/L	SM2320B	0.504	1.00	1,269	324	99.6	80 - 120				
Lab Sample ID: 1506378-001DMS Date Analyzed: 06/23/2015 1438h													
Test Code: NH3-W-350.1 Date Prepared: 06/23/2015 842h													
Ammonia (as N)	8.75	mg/L	E350.1	0.0226	0.0500	10.00	0.203	85.4	90 - 110				
Lab Sample ID: 1506378-001DMS NO3 Date Analyzed: 06/24/2015 1627h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	5.58	mg/L	E353.2	0.0417	0.0500	5.000	0.0436	111	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: 1506378
Project: Seeps and Springs 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: 1506378-001BMSD Date Analyzed: 06/29/2015 1143h													
Test Code: 300.0-W													
Sulfate	711	mg/L	E300.0	2.11	75.0	500.0	210	100	90 - 110	712	0.0879	20	
Lab Sample ID: 1506378-002BMSD Date Analyzed: 06/29/2015 1448h													
Test Code: 300.0-W													
Chloride	80.3	mg/L	E300.0	0.0751	1.00	50.00	27.4	106	90 - 110	78.7	1.93	20	
Lab Sample ID: 1506378-003BMSD Date Analyzed: 06/29/2015 1753h													
Test Code: 300.0-W													
Fluoride	5.24	mg/L	E300.0	0.00681	0.100	5.000	0.424	96.3	90 - 110	5.29	0.875	20	
Lab Sample ID: 1506378-001BMSD Date Analyzed: 06/19/2015 1019h													
Test Code: ALK-W-2320B-LL													
Alkalinity (as CaCO ₃)	1,590	mg/L	SM2320B	0.504	1.00	1,269	324	100	80 - 120	1590	0.277	10	
Lab Sample ID: 1506378-001DMSD Date Analyzed: 06/23/2015 1439h													
Test Code: NH3-W-350.1 Date Prepared: 06/23/2015 842h													
Ammonia (as N)	9.26	mg/L	E350.1	0.0226	0.0500	10.00	0.203	90.6	90 - 110	8.75	5.69	10	
Lab Sample ID: 1506378-001DMSD NO3 Date Analyzed: 06/24/2015 1653h													
Test Code: NO2/NO3-W-353.2													
Nitrate/Nitrite (as N)	5.31	mg/L	E353.2	0.0417	0.0500	5.000	0.0436	105	90 - 110	5.58	4.97	10	



3440 South 700 West
Salt Lake City, UT 84119

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: Energy Fuels Resources, Inc.
Lab Set ID: 1506378
Project: Seeps and Springs 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 061815B		Date Analyzed: 06/18/2015 2219h											
Test Code: 8260-W-DEN100													
Benzene	19.5	µg/L	SW8260C	0.270	1.00	20.00	0	97.6	62 - 127				
Chloroform	19.0	µg/L	SW8260C	0.153	1.00	20.00	0	95.1	67 - 132				
Methylene chloride	16.7	µg/L	SW8260C	0.172	1.00	20.00	0	83.6	32 - 185				
Naphthalene	22.0	µg/L	SW8260C	0.587	1.00	20.00	0	110	28 - 136				
Tetrahydrofuran	16.9	µg/L	SW8260C	0.516	1.00	20.00	0	84.4	43 - 146				
Toluene	21.1	µg/L	SW8260C	0.183	1.00	20.00	0	105	64 - 129				
Xylenes, Total	68.9	µg/L	SW8260C	0.857	1.00	60.00	0	115	52 - 134				
Surr: 1,2-Dichloroethane-d4	43.6	µg/L	SW8260C			50.00		87.1	76 - 138				
Surr: 4-Bromofluorobenzene	49.8	µg/L	SW8260C			50.00		99.6	80 - 152				
Surr: Dibromofluoromethane	49.0	µg/L	SW8260C			50.00		98.1	67 - 128				
Surr: Toluene-d8	51.5	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: 1506378
Project: Seeps and Springs 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 061815B		Date Analyzed: 06/18/2015 2258h											
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	44.3	µg/L	SW8260C			50.00		88.6	76 - 138				
Surr: 4-Bromofluorobenzene	52.2	µg/L	SW8260C			50.00		104	80 - 152				
Surr: Dibromofluoromethane	46.7	µg/L	SW8260C			50.00		93.5	67 - 128				
Surr: Toluene-d8	53.4	µg/L	SW8260C			50.00		107	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: 1506378
Project: Seeps and Springs 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: 1506378-001AMS		Date Analyzed: 06/18/2015 2338h											
Test Code: 8260-W-DEN100													
Benzene	19.5	µg/L	SW8260C	0.270	1.00	20.00	0	97.4	66 - 145				
Chloroform	17.6	µg/L	SW8260C	0.153	1.00	20.00	0	88.2	50 - 146				
Methylene chloride	16.7	µg/L	SW8260C	0.172	1.00	20.00	0	83.6	30 - 192				
Naphthalene	19.6	µg/L	SW8260C	0.587	1.00	20.00	0	98.1	41 - 131				
Tetrahydrofuran	16.3	µg/L	SW8260C	0.516	1.00	20.00	0	81.7	43 - 146				
Toluene	21.2	µg/L	SW8260C	0.183	1.00	20.00	0	106	18 - 192				
Xylenes, Total	66.6	µg/L	SW8260C	0.857	1.00	60.00	0	111	42 - 167				
Surr: 1,2-Dichloroethane-d4	44.4	µg/L	SW8260C			50.00		88.9	72 - 151				
Surr: 4-Bromofluorobenzene	52.4	µg/L	SW8260C			50.00		105	80 - 152				
Surr: Dibromofluoromethane	48.7	µg/L	SW8260C			50.00		97.4	80 - 124				
Surr: Toluene-d8	52.4	µg/L	SW8260C			50.00		105	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: 1506378
Project: Seeps and Springs 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: 1506378-001AMSD		Date Analyzed: 06/18/2015 2357h											
Test Code: 8260-W-DEN100													
Benzene	19.8	µg/L	SW8260C	0.270	1.00	20.00	0	98.8	66 - 145	19.5	1.43	25	
Chloroform	17.6	µg/L	SW8260C	0.153	1.00	20.00	0	88.2	50 - 146	17.7	0	25	
Methylene chloride	16.5	µg/L	SW8260C	0.172	1.00	20.00	0	82.6	30 - 192	16.7	1.20	25	
Naphthalene	19.3	µg/L	SW8260C	0.587	1.00	20.00	0	96.5	41 - 131	19.6	1.64	25	
Tetrahydrofuran	15.1	µg/L	SW8260C	0.516	1.00	20.00	0	75.6	43 - 146	16.3	7.76	25	
Toluene	21.2	µg/L	SW8260C	0.183	1.00	20.00	0	106	18 - 192	21.2	0.142	25	
Xylenes, Total	67.2	µg/L	SW8260C	0.857	1.00	60.00	0	112	42 - 167	66.6	0.927	25	
Surr: 1,2-Dichloroethane-d4	43.7	µg/L	SW8260C			50.00		87.4	72 - 151				
Surr: 4-Bromofluorobenzene	50.3	µg/L	SW8260C			50.00		101	80 - 152				
Surr: Dibromofluoromethane	48.3	µg/L	SW8260C			50.00		96.5	80 - 124				
Surr: Toluene-d8	51.3	µg/L	SW8260C			50.00		103	77 - 129				

American West Analytical Laboratories

UL
Denison

WORK ORDER Summary

Work Order: **1506378**

Page 1 of 4

Client: Energy Fuels Resources, Inc.

Due Date: 7/2/2015

Client ID: DEN100

Contact: Garrin Palmer

Project: Seeps and Springs 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	
1506378-001A	Entrance Seep	6/16/2015 0830h	6/18/2015 1025h	8260-W-DEN100	Aqueous	VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4</i>			
1506378-001B				300.0-W		df - wc	1
				<i>3 SEL Analytes: CL F SO4</i>			
				ALK-W-2320B-LL			
				<i>2 SEL Analytes: ALKB ALKC</i>			
1506378-001C				TDS-W-2540C		ww - tds	
				<i>1 SEL Analytes: TDS</i>			
1506378-001D				NH3-W-350.1		df - no2/no3 & nh3	
				<i>1 SEL Analytes: NH3N</i>			
				NH3-W-PR			
				df - no2/no3 & nh3			
				NO2/NO3-W-353.2			
				<i>1 SEL Analytes: NO3NO2N</i>			
1506378-001E				200.7-DIS		df-met	
				<i>5 SEL Analytes: CA MG K NA V</i>			
				200.7-DIS-PR			
				df-met			
				200.8-DIS			
				<i>17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN</i>			
				200.8-DIS-PR			
				df-met			
				HG-DW-DIS-245.1			
				<i>1 SEL Analytes: HG</i>			
				HG-DW-DIS-PR			
				df-met			
				IONBALANCE			
				df-met			
				<i>5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc</i>			
1506378-002A	Ruin Spring	6/16/2015 0930h	6/18/2015 1025h	8260-W-DEN100	Aqueous	VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4</i>			
1506378-002B				300.0-W		df - wc	1
				<i>3 SEL Analytes: CL F SO4</i>			
				ALK-W-2320B-LL			
				<i>2 SEL Analytes: ALKB ALKC</i>			

WORK ORDER Summary

Work Order: **1506378** Page 2 of 4

Client: Energy Fuels Resources, Inc.

Due Date: 7/2/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1506378-002C	Ruin Spring	6/16/2015 0930h	6/18/2015 1025h	TDS-W-2540C	Aqueous		ww - tds
				1 SEL Analytes: TDS			
1506378-002D				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			
1506378-002E				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			
1506378-003A	West Water Seep	6/16/2015 1030h	6/18/2015 1025h	8260-W-DEN100	Aqueous		VOCFridge
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4			
1506378-003B				300.0-W			df - wc
				3 SEL Analytes: CL F SO4			
				ALK-W-2320B-LL			df - wc
				2 SEL Analytes: ALKB ALKC			
1506378-003C				TDS-W-2540C			ww - tds
				1 SEL Analytes: TDS			
1506378-003D				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			
1506378-003E				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: **1506378** Page 3 of 4

Client: Energy Fuels Resources, Inc.

Due Date: 7/2/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel Storage	
1506378-003E	West Water Seep	6/16/2015 1030h	6/18/2015 1025h	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			
1506378-004A	Cottonwood Spring	6/16/2015 1110h	6/18/2015 1025h	8260-W-DEN100	Aqueous	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4			
1506378-004B				300.0-W		df - wc	1
				3 SEL Analytes: CL F SO4			
				ALK-W-2320B-LL		df - wc	
				2 SEL Analytes: ALKB ALKC			
1506378-004C				TDS-W-2540C		ww - tds	
				1 SEL Analytes: TDS			
1506378-004D				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			
1506378-004E				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			
1506378-005A	Back Spring	6/16/2015 0830h	6/18/2015 1025h	8260-W-DEN100	Aqueous	VOCFridge	3
				Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4			
1506378-005B				300.0-W		df - wc	1
				3 SEL Analytes: CL F SO4			
				ALK-W-2320B-LL		df - wc	
				2 SEL Analytes: ALKB ALKC			
1506378-005C				TDS-W-2540C		ww - tds	
				1 SEL Analytes: TDS			

WORK ORDER Summary

Work Order: **1506378** Page 4 of 4

Client: Energy Fuels Resources, Inc.

Due Date: 7/2/2015

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel Storage	
1506378-005D	Back Spring	6/16/2015 0830h	6/18/2015 1025h	NH3-W-350.1	Aqueous	df - no2/no3 & nh3	1
				<i>1 SEL Analytes: NH3N</i>			
				NH3-W-PR		df - no2/no3 & nh3	
				NO2/NO3-W-353.2		df - no2/no3 & nh3	
				<i>1 SEL Analytes: NO3NO2N</i>			
1506378-005E				200.7-DIS		df-met	
				<i>5 SEL Analytes: CA MG K NA V</i>			
				200.7-DIS-PR		df-met	
				200.8-DIS		df-met	
				<i>17 SEL Analytes: AS BE CD CR CO CU FE PB MN MO NI SE AG TL SN U ZN</i>			
				200.8-DIS-PR		df-met	
				HG-DW-DIS-245.1		df-met	
				<i>1 SEL Analytes: HG</i>			
				HG-DW-DIS-PR		df-met	
				IONBALANCE		df-met	
				<i>5 SEL Analytes: BALANCE Anions Cations TDS-Balance TDS-Calc</i>			
1506378-006A	Trip Blank	6/16/2015	6/18/2015 1025h	8260-W-DEN100	Aqueous	VOCFridge	3
				<i>Test Group: 8260-W-DEN100; # of Analytes: 11 / # of Surr: 4</i>			



AMERICAN WEST ANALYTICAL LABORATORIES

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 WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

1500379

AWAL LAB SAMPLE SET #
 PAGE 1 OF 1

CLIENT: Energy Fuels Resources, Inc.
 ADDRESS: 6425 S. Hwy. 191
Blanding, UT 84511
 CONTACT: Garrin Palmer
 PHONE #: (435) 678-2221 CELL #: _____
 EMAIL: gpalmer@energyfuels.com; kweinel@energyfuels.com;
dturk@energyfuels.com
 PROJECT NAME: Seeps and Springs 2015
 PROJECT #: _____
 PO #: _____
 SAMPLER NAME: Tanner Holliday

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													
# OF CONTAINERS	SAMPLE MATRIX	NO2/NO3 (353.2)	NH3 (4500G or 350.1)	F, Cl, SO4 (4500 or 300.0)	TDS (2540C)	Carb/Bicarb (2320B)	Dissolved Metals (200.7/200.8/245.1)	As, Bc, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Mo, Ni, Se, Ag, Tl, Sn, U, V, Zn, Na, K, Mg, Ca	Iron Balance	VOCs (8260C)	LABORATORY USE ONLY				
											INCLUDE EDD: LOCUS UPLOAD EXCEL FIELD FILTERED FOR: Dissolved Metals		SAMPLES WERE:		
FOR COMPLIANCE WITH:											KNOWN HAZARDS & SAMPLE COMMENTS				
1	Entrance Seep	6/16/2015	830	7	w	x	x	x	x	x	x	x	x	x	1 SHIPPED OR HAND DELIVERED
2	Ruin Spring	6/16/2015	930	7	w	x	x	x	x	x	x	x	x	x	2 AMBIENT OR CHILLED
3	West Water Seep	6/16/2015	1030	7	w	x	x	x	x	x	x	x	x	x	3 TEMPERATURE 3.5 °C
4	Cottonwood Spring	6/16/2015	1110	7	w	x	x	x	x	x	x	x	x	x	4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) Y N
5	Back Spring	6/16/2015	830	7	w	x	x	x	x	x	x	x	x	x	5 PROPERLY PRESERVED Y N CHECKED AT BENCH Y N
6	Trip blank	6/16/2015		3	w										6 RECEIVED WITHIN HOLDING TIMES Y N
7	Trip Blank			1	w										
8															
9															
10															
11															
12															

RELINQUISHED BY: <u>Tanner Holliday</u> SIGNATURE	DATE: <u>6/17/2015</u>	RECEIVED BY: _____ SIGNATURE	DATE: _____	SPECIAL INSTRUCTIONS: Sample containers for metals were field filtered. See the Analytical Scope of Work for Reporting Limits and VOC analyte list.
PRINT NAME: <u>Tanner Holliday</u>	TIME: <u>1200</u>	PRINT NAME: _____	TIME: _____	
RELINQUISHED BY: _____ SIGNATURE	DATE: _____	RECEIVED BY: <u>[Signature]</u> SIGNATURE	DATE: <u>6/18/15</u>	
PRINT NAME: _____	TIME: _____	PRINT NAME: <u>Tanner Holliday</u>	TIME: <u>1425</u>	
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: _____	



July 20, 2015

Ms. Kathy Weinel
Energy Fuels Resources (USA), Inc.
225 Union Boulevard
Suite 600
Lakewood, Colorado 80228

Re: GW Monitoring Project
Work Order: 375493

Dear Ms. Weinel:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on June 22, 2015. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Julie Robinson
Project Manager

Purchase Order: DW16138
Enclosures



**Energy Fuels Resources (USA), Inc.
GW Monitoring Project
SDG: 375493**

**Receipt Narrative
for
Energy Fuels Resources (USA), Inc.
SDG: 375493**

July 20, 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 June 22, 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:

<u>Laboratory ID</u>	<u>Client ID</u>
375493001	Entrance Seep
375493002	Ruin Spring
375493003	West Water Seep
375493004	Cottonwood Spring
375493005	Back Spring

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

SAMPLE RECEIPT & REVIEW FORM

Client: <u>DNM1</u>		SDG/AR/COC/Work Order: <u>375493</u>
Received By: <u>Brielle Luthman</u>		Date Received: <u>6/22/15 1030</u>
Suspected Hazard Information	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
COC/Samples marked as radioactive?	<input type="checkbox"/>	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): <u>0 CPM</u>
Classified Radioactive II or III by RSO?	<input type="checkbox"/>	If yes, Were swipes taken of sample containers < action levels?
COC/Samples marked containing PCBs?	<input type="checkbox"/>	
Package, COC, and/or Samples marked as beryllium or asbestos containing?	<input type="checkbox"/>	If yes, samples are to be segregated as Safety Controlled Samples, and opened by the GEL Safety Group.
Shipped as a DOT Hazardous?	<input type="checkbox"/>	Hazard Class Shipped: UN#:
Samples identified as Foreign Soil?	<input type="checkbox"/>	

Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1 Shipping containers received intact and sealed?	<input checked="" type="checkbox"/>			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2 Samples requiring cold preservation within (0 ≤ 6 deg. C)?*	<input type="checkbox"/>		<input checked="" type="checkbox"/>	30 Preservation Method: Ice bags Blue ice Dry ice None Other (describe) *all temperatures are recorded in Celsius
2a Daily check performed and passed on IR temperature gun?	<input checked="" type="checkbox"/>			Temperature Device Serial #: Secondary Temperature Device Serial # (If Applicable): <u>E509 2024949</u>
3 Chain of custody documents included with shipment?	<input checked="" type="checkbox"/>			
4 Sample containers intact and sealed?	<input checked="" type="checkbox"/>			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5 Samples requiring chemical preservation at proper pH?	<input checked="" type="checkbox"/>			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6 Do Low Level Perchlorate samples (EPA 6850) have headspace as required?	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Sample ID's and containers affected:
7 VOA vials free of headspace (defined as < 6mm bubble)?	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Sample ID's and containers affected:
8 Are Encore containers present?	<input type="checkbox"/>		<input checked="" type="checkbox"/>	(If yes, immediately deliver to Volatiles laboratory)
9 Samples received within holding time?	<input checked="" type="checkbox"/>			ID's and tests affected:
10 Sample ID's on COC match ID's on bottles?	<input checked="" type="checkbox"/>			Sample ID's and containers affected:
11 Date & time on COC match date & time on bottles?	<input checked="" type="checkbox"/>			Sample ID's affected:
12 Number of containers received match number indicated on COC?	<input checked="" type="checkbox"/>			Sample ID's affected:
13 Are sample containers identifiable as GEL provided?	<input checked="" type="checkbox"/>			
14 COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/>			
15 Carrier and tracking number.				Circle Applicable: FedEx Air FedEx Ground <u>UPS</u> Field Services Courier Other <u>1Z 187 444 02 9493 1449</u>

Comments (Use Continuation Form if needed):

GEL Laboratories LLC – Login Review Report

Report Date: 20-JUL-15

Work Order: 375493

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GEL Work Order/SDG: 375493 Seeps and Springs 2015
 Client SDG: 375493
 Project Manager: Julie Robinson
 Project Name: DNMI00106 GW Monitoring Project
 Purchase Order: DW16138
 Package Level: LEVEL3
 EDD Format: EIM_DNMI

Work Order Due Date: 21-JUL-15
 Package Due Date: 18-JUL-15
 EDD Due Date: 21-JUL-15
 Due Date: 21-JUL-15
 JAR1

Collector: C
 Prelogin #: 20150631907
 Project Workdef ID: 1329132
 SDG Status: Closed
 Logged by:

GEL ID	Client Sample ID	Client Sample Desc.	Collect Date & Time	Receive Date & Time	Time Zone	# of Cont.	Lab Matrix	Fax Due Date	Days to Process	CofC #	Prelog Group	Lab QC	Field QC
375493001	Entrance Seep		16-JUN-15 08:30	22-JUN-15 10:30	-2	1	GROUND WATER		20		1		
375493002	Ruin Spring		16-JUN-15 09:30	22-JUN-15 10:30	-2	1	GROUND WATER		20		1		
375493003	West Water Seep		16-JUN-15 10:30	22-JUN-15 10:30	-2	1	GROUND WATER		20		1		
375493004	Cottonwood Spring		16-JUN-15 11:10	22-JUN-15 10:30	-2	1	GROUND WATER		20		1		
375493005	Back Spring		16-JUN-15 08:30	22-JUN-15 10:30	-2	1	GROUND WATER		20		1		

Client Sample ID	Status	Tests/Methods	Product Reference	Fax Date	PM Comments	Aux Data	Receive Codes
-001 Entrance Seep	REVV	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed Temperature (C)	Y 30
-002 Ruin Spring	REVV	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed Temperature (C)	Y 30
-003 West Water Seep	REVV	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed Temperature (C)	Y 30
-004 Cottonwood Spring	REVV	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed Temperature (C)	Y 30
-005 Back Spring	REVV	GFPC, Total Alpha Radium, Liquid	Gross Alpha			Cooler Seal Undisturbed Temperature (C)	Y 30

Product: GFCTORAL	Workdef ID: 1329138	In Product Group? No	Group Name:	Group Reference:			
Method: EPA 900.1 Modified				Path: Standard			
Product Description: GFPC, Total Alpha Radium, Liquid				Product Reference: Gross Alpha			
Samples: 001, 002, 003, 004, 005				Moisture Correction: "As Received"			
Parmname Check: All parmnames scheduled properly							
CAS #	Parmname	Client RDL or PQL & Unit	Reporting Units	Parm Function	Included in Sample?	Included in QC?	Custom List?
	Gross Radium Alpha	1	pCi/L	REG	Y	Y	No

GEL Laboratories LLC – Login Review Report

Report Date: 20-JUL-15
Work Order: 375493
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Action	Product Name	Description	Samples
Contingent Tests			

Login Requirements:

Requirement	Include?	Comments
-------------	----------	----------

Peer Review by: _____ Work Order (SDG#), PO# Checked? _____ C of C signed in receiver location? _____

List of current GEL Certifications as of 20 July 2015

State	Certification
Alaska	UST-110
Arkansas	88-0651
CLIA	42D0904046
California	2940 Interim
Colorado	SC00012
Connecticut	PH-0169
Delaware	SC000122013-10
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	P330-12-00283, P330-12-00284
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC000122013-10
Idaho Chemistry	SC00012
Idaho Radiochemistry	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	90129
Kentucky Wastewater	90129
Louisiana NELAP	03046 (AI33904)
Louisiana SDWA	LA150001
Maryland	270
Massachusetts	M-SC012
Michigan	9976
Mississippi	SC000122013-10
Nebraska	NE-OS-26-13
Nevada	SC000122014-1
New Hampshire NELAP	2054
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
Oklahoma	9904
Pennsylvania NELAP	68-00485
Plant Material Permit	PDEP-12-00260
S.Carolina Radchem	10120002
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235-15-10
Utah NELAP	SC000122015-17
Vermont	VT87156
Virginia NELAP	460202
Washington	C780
West Virginia	997404

**Radiochemistry
Technical Case Narrative
Energy Fuels Resources (DNMI)
SDG #: 375493**

Method/Analysis Information

Product: GFPC, Total Alpha Radium, Liquid

Analytical Method: EPA 900.1 Modified

Analytical Batch Number: 1490089

Sample ID	Client ID
375493001	Entrance Seep
375493002	Ruin Spring
375493003	West Water Seep
375493004	Cottonwood Spring
375493005	Back Spring
1203348155	Method Blank (MB)
1203348159	Laboratory Control Sample (LCS)
1203348156	375493002(Ruin Spring) Sample Duplicate (DUP)
1203348157	375493002(Ruin Spring) Matrix Spike (MS)
1203348158	375493002(Ruin Spring) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-010 REV# 15.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 375493002 (Ruin Spring).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:**Holding Time**

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Recounts

None of the samples in this sample set were recounted.

Miscellaneous Information:**Data Exception (DER) Documentation**

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Manual Integration

No manual integrations were performed on data in this batch.

Sample-Specific MDA/MDC

The MDA/MDC reported on the certificate of analysis is a sample-specific MDA/MDC.

Additional Comments

The matrix spike and matrix spike duplicate, 1203348157 (Ruin SpringMS) and 1203348158 (Ruin SpringMSD), 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: 375493 GEL Work Order: 375493

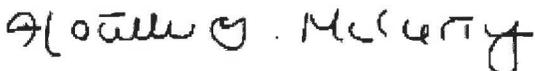
The Qualifiers in this report are defined as follows:

- * 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: Heather McCarty

Date: 17 JUL 2015

Title: Analyst II

GEL LABORATORIES LLC

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

QC Summary

Report Date: July 17, 2015

Page 1 of

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

Contact: Ms. Kathy Weinel

Workorder: 375493

Paramname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gas Flow											
Batch	1490089										
QC1203348156	375493002	DUP									
Gross Radium Alpha		U	0.273	U	0.404	pCi/L	N/A		N/A AXM6	07/15/15	12:2
		Uncertainty	+/-0.165		+/-0.165						
QC1203348159	LCS										
Gross Radium Alpha	413				440	pCi/L	107	(75%-125%)		07/15/15	12:2
		Uncertainty			+/-4.26						
QC1203348155	MB										
Gross Radium Alpha			U		-0.154	pCi/L				07/15/15	12:2
		Uncertainty			+/-0.131						
QC1203348157	375493002	MS									
Gross Radium Alpha	2080	U	0.273		1900	pCi/L	91.3	(75%-125%)		07/15/15	12:2
		Uncertainty	+/-0.165		+/-20.1						
QC1203348158	375493002	MSD									
Gross Radium Alpha	2080	U	0.273		2110	pCi/L	10.1	101	(0%-20%)	07/15/15	12:2
		Uncertainty	+/-0.165		+/-20.2						

Notes:

Counting Uncertainty is calculated at the 68% confidence level (1-sigma).

The Qualifiers in this report are defined as follows:

- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- A The TIC is a suspected aldol-condensation product
- B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
- BD Results are either below the MDC or tracer recovery is low
- C Analyte has been confirmed by GC/MS analysis
- D Results are reported from a diluted aliquot of the sample
- F Estimated Value
- H Analytical holding time was exceeded
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.
- L Analyte present. Reported value may be biased low. Actual value is expected to be higher.
- M M if above MDC and less than LLD
- M Matrix Related Failure
- N/A RPD or %Recovery limits do not apply.
- N1 See case narrative
- ND Analyte concentration is not detected above the detection limit

GEL LABORATORIES LLC

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QC Summary

Workorder: 375493

Page 2 of

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
NJ											
Q											
R											
U											
UI											
UJ											
UL											
X											
Y											
^											
h											

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 E

Quality Assurance and Data Validation Tables

Table E-1 Holding Time Evaluation

	Required Holding Time	Cottonwood Spring	Entrance Seep	Back Spring (duplicate of Entrance Seep)	Ruin Spring	Westwater Seep
Major Ions						
Carbonate	14 days	OK	OK	OK	OK	OK
Bicarbonate	14 days	OK	OK	OK	OK	OK
Calcium	6 months	OK	OK	OK	OK	OK
Chloride	28 days	OK	OK	OK	OK	OK
Fluoride	28 days	OK	OK	OK	OK	OK
Magnesium	6 months	OK	OK	OK	OK	OK
Nitrogen-Ammonia	28 days	OK	OK	OK	OK	OK
Nitrogen-Nitrate	28 days	OK	OK	OK	OK	OK
Potassium	6 months	OK	OK	OK	OK	OK
Sodium	6 months	OK	OK	OK	OK	OK
Sulfate	28 days	OK	OK	OK	OK	OK
pH (s.u.)	N/A	OK	OK	OK	OK	OK
TDS	7 days	OK	OK	OK	OK	OK
Metals	6 months (except mercury which is 28 days)	OK	OK	OK	OK	OK
Radiologics	6 months	OK	OK	OK	OK	OK
VOCS (including THF)	14 days	OK	OK	OK	OK	OK

* - Corral Spring, and Corral Canyon were all dry and no samples were collected.

E-2 Laboratory Receipt Temperature Check

Work Order Number/Lab Set ID	Receipt Temp
AWAL - 1506378	3.5°C
GEL - 375493	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.

E-3: Analytical Method Check - Routine Samples

Parameter	QAP/Permit Method	Method Used by Lab
Ammonia (as N)	A4500-NH3 G or E350.1	E350.1
Nitrate + Nitrite (as N)	E 353.1 or E353.2	E353.2
Metals	E 200.7 or E200.8	E200.7, E200.8
Mercury	E200.7 or E200.8 or E245.1	E245.1
Gross Alpha	E900.0 or E900.1	E900.1
VOCs	SW8260B or SW8260C	SW8260C
Chloride	A4500-Cl B, 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	A2540C	A2540C
Carbonate as CO ₃ , Bicarbonate as HCO ₃	A2320B	A2320B
Calcium, Magnesium, Potassium, Sodium	E200.7	E200.7

E-4 Reporting Limit Evaluation

Parameter	Permit-Specified RL
Ammonia (as N)	25 mg/L
Nitrate + Nitrite (as N)	10 mg/L
Metals ug/L	
Arsenic	50
Beryllium	4
Cadmium	5
Chromium	100
Cobalt	730
Copper	1300
Iron	11000
Lead	15
Manganese	800
Mercury	2
Molybdenum	40
Nickel	100
Selenium	50
Silver	100
Thallium	2
Tin	17000
Uranium	30
Vanadium	60
Zinc	5000
Gross Alpha	15
VOCs ug/L	
Acetone	700
Benzene	5
Carbon tetrachloride	5
Chloroform	70
Chloromethane	30
MEK	4000
Methylene Chloride	5
Naphthalene	100
Tetrahydrofuran	46
Toluene	1000
Xylenes	10000
Major Ions mg/L	
Chloride	1
Fluoride	4
Sulfate	1
TDS	10
Carbonate as CO ₃ , Bicarbonate as HCO ₃	Not Specified
Calcium, Magnesium, Potassium, Sodium	Not Specified

All analyses were reported to the required
RLs unless noted in the text.

E-5: Trip Blank Evaluation

The trip blank for the 2015 sampling program was nondetect.

Blank	Sample Date	Laboratory
1	6/16/2015	AWAL

E-6 Duplicate Sample Relative Percent Difference

Major Ions (mg/l)	Entrance Seep	Back Spring (Duplicate of Entrance Seep)	RPD %
Carbonate	<1.00	<1.00	N/C
Bicarbonate	324	326	0.6
Calcium	131	132	0.8
Chloride	75.6	75.3	0.4
Fluoride	0.606	0.6	1.0
Magnesium	33.3	33.7	1.2
Nitrogen-Ammonia	0.202	0.139	37.0
Nitrogen-Nitrate	<0.1	0.276	N/C
Potassium	1.62	1.72	6.0
Sodium	93.1	93.8	0.7
Sulfate	210	214	1.9
TDS	680	708	4.0
Metals (ug/l)			
Arsenic	5.02	5.02	0.0
Beryllium	<0.5	<0.5	N/C
Cadmium	<0.5	<0.5	N/C
Chromium	<25	<25	N/C
Cobalt	<10	<10	N/C
Copper	<10	<10	N/C
Iron	295	298	1.0
Lead	<1.0	<1.0	N/C
Manganese	367	371	1.1
Mercury	<0.5	<0.5	N/C
Molybdenum	<10	<10	N/C
Nickel	<20	<20	N/C
Selenium	<5	<5	N/C
Silver	<10	<10	N/C
Thallium	<0.5	<0.5	N/C
Tin	<100	<100	N/C
Uranium	36	36.1	0.3
Vanadium	<15	<15	N/C
Zinc	<10	<10	N/C
Radiologics (pCi/l)			
Gross Alpha	3.05	3.11	1.9
VOCS (ug/L)			
Acetone	ND	ND	N/C
Benzene	ND	ND	N/C
Carbon tetrachloride	ND	ND	N/C
Chloroform	ND	ND	N/C
Chloromethane	ND	ND	N/C
MEK	ND	ND	N/C
Methylene Chloride	ND	ND	N/C

E-6 Duplicate Sample Relative Percent Difference

Major Ions (mg/l)	Entrance Seep	Back Spring (Duplicate of Entrance Seep)	RPD %
Naphthalene	ND	ND	N/C
Tetrahydrofuran	ND	ND	N/C
Toluene	ND	ND	N/C
Xylenes	ND	ND	N/C

N/C = Not Calculated

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.

E-7 Radiologics Counting Error

Sample ID	Gross Alpha minus Rn & U	Gross Alpha minus Rn & U Precision (\pm)	Counting Error \leq 20%	GWQS	Within GWQS
Cottonwood Spring	<1.0	0.112	N/A	15	N/A
Entrance Seep	3.05	0.358	Y	15	Y
Back Spring (duplicate of Entrance Seep)	3.11	0.387	Y	15	Y
Ruin Spring	<1.0	0.165	N/A	15	N/A
Westwater Seep	<1.0	0.126	N/A	15	N/A

N/A - The sample results are non-detect and the QAP required checks are not applicable.

E-8: Laboratory Matrix QC

Matrix Spike % Recovery Comparison

Lab Report	Well	Analyte	MS %REC	MSD %REC	REC Range	RPD
1506378	Entrance Seep	Ammonia (as N)	85.4	90.6	90-110	5.69
1506378	Entrance Seep	Nitrate/Nitrite (as N)	111	105	90-110	5.58

Laboratory Duplicate % Recovery Comparison

Lab Report	Well	Analyte	Sample Result (mg/L)	Duplicate Result	RPD %	RPD Range %
1506378	Entrance Seep	Total Dissolved Solids	680	716	5.16	5

Surrogate % Recovery

All surrogate recoveries were within the laboratory established acceptance limits.

Method/Laboratory Reagent Blank detections

No analytes were detected in the laboratory blanks.

Tab F
CSV Transmittal

Kathy Weinel

From: Kathy Weinel
Sent: Friday, November 13, 2015 9:00 AM
To: 'Phillip Goble'
Cc: 'Dean Henderson'; Thomas Rushing; Harold Roberts; David Frydenlund; Jaime Massey; David Turk; Scott Bakken; Logan Shumway
Subject: Transmittal of CSV Files White Mesa Mill 2015 Annual Seeps and Springs Monitoring
Attachments: 375493.csv; 1506378-EDD.csv

Mr. Goble,

Attached to this e-mail is an electronic copy of laboratory results for the annual seeps and springs monitoring conducted at the White Mesa Mill 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



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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