

April 2005 Water Sampling

**Validation Data Package
for
Routine Ground Water
and Surface Water Sampling
Moab, Utah**

September 2005

Moab, Utah

April 19-22, 2005

Data Package Contents

This data package includes the following information:

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|-----------------|--|
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Sampling Event Summary

Site: Moab, Utah

Sampling Period: Water samples were collected at selected ground water monitor wells and from the Colorado River during the period April 19-22, 2005. This sampling represents the first routine sampling event for 2005. Sampling was conducted in accordance with the *Surface Water and Ground Water Monitoring Plan for the Moab, Utah, Site* (DOE 2004).

SUMMARY CRITERIA

1. Did concentrations in water from any domestic wells sampled exceed a ground water standard, primary drinking water standard, or health advisory?

Domestic wells were not sampled during this event.

2. Were standards exceeded at any point-of-compliance wells?

Point-of-compliance wells have not been established at the Moab site.

3. As a result of this sampling round, is there any indication of unexpected contaminated ground water movement?

There is no indication of unexpected contaminated ground water movement. Ground water contamination in the shallow alluvial aquifer beneath the tailings pile and former millsite area flows southeast toward the Colorado River, as described in the Site Observation Work Plan (DOE 2003). Decreases in contaminant concentrations in wells 0403, 0407, and 438, which are located between the extraction well field and the Colorado River, are evident in this sampling event. The contaminant concentration reduction is probably due to the pumping of the Configuration 1 extraction wells and the resultant ground water flow direction change. Instead of contaminated ground water flowing toward the Colorado River, the constant extraction well pumping has reversed the flow direction and is diluting ground water contaminants with fresh Colorado River water.

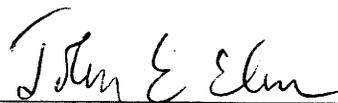
Wells and surface locations that exceed water quality standards are listed in Table 1.

Table 1. Locations Where Standards Were Exceeded in April 2005.

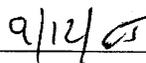
| Analyte | Standard (mg/L) | Locations Exceeding Standards |
|----------------|-----------------|--|
| Uranium- Total | 0.044 | 0402 (0.13), 0403 (0.89), 0404 (2.5, 2.5), 0405 (1.5), 0406 (2.2), 0407 (0.27), 0408 (0.12), 0437 (3.7), 0438 (0.14), 0439 (1.0), 0492 (6.0), ATP-2-S (1.4), TP-02 (9.6) |

4. Is there statistical evidence that UMTRA Project related contaminants were detected in a surface body of water in greater concentrations than upstream ambient water quality?

Historically, ammonia, chloride, sulfate, total dissolved solids (TDS), and uranium have occurred at elevated concentrations in the Colorado River. These elevated concentrations were found primarily adjacent to and just downstream from the mill tailings pile (i.e., surface location areas 0222 – 0225). However, the results from this sampling event indicate a decrease in contaminant concentrations in the Colorado River. These lower concentrations are probably due to the contaminant plume being intercepted by the interim action well field and because the Colorado River was at a higher stage at the time of sampling.



Kenneth E. Karp
Site Lead



Date

Sample Location Map



n:\moab\999\0005\01\004\00812w\0081200.apr carverh 2/7/2005, 9:54

Routine Ground Water and Surface Water Sampling Locations (may include locations not sampled)

Data Assessment Summary

Water Sampling Field Activities Verification Checklist

| | | | |
|--------------------------------|------------------------|----------------------------------|--------------------------|
| Project | <u>Moab, Utah</u> | Date(s) of Water Sampling | <u>April 19-22, 2005</u> |
| Date(s) of Verification | <u>August 19, 2005</u> | Name of Verifier | <u>Jeff Price</u> |

| | Response (Yes, No, NA) | Comments |
|--|-----------------------------------|-----------------|
| 1. Is the SAP the primary document directing field procedures? List other documents, SOP's, instructions. | <u>Yes</u> | |
| | <u>NA</u> | |
| 2. Were the sampling locations specified in the planning documents sampled? | <u>Yes</u> | |
| 3. Was a pre-trip calibration conducted as specified in the above named documents? | <u>Yes</u> | |
| 4. Was an operational check of the field equipment conducted twice daily? Did the operational checks meet criteria? | <u>Yes</u> | |
| | <u>Yes</u> | |
| 5. Were the number and types (alkalinity, temperature, Ec, pH, turbidity, DO, ORP) of field measurements taken as specified? | <u>Yes</u> | |
| 6. Was the Category of the well documented? | <u>Yes</u> | |
| 7. Were the following conditions met when purging a Category I well: Was one pump/tubing volume purged prior to sampling? | <u>Yes</u> | |
| Did the water level stabilize prior to sampling? | <u>Yes</u> | |
| Did pH, specific conductance, and turbidity measurements stabilize prior to sampling? | <u>Yes</u> | |
| Was the flow rate less than 500 mL/min? | <u>Yes</u> | |
| If a portable pump was used, was there a 4 hour delay between pump installation and sampling? | <u>NA</u> | |

Water Sampling Field Activities Verification Checklist (continued)

| | Response (Yes, No, NA) | Comments |
|---|---------------------------|------------------|
| 8. Were the following conditions met when purging a Category II well: | | |
| Was the flow rate less than 500 mL/min? | NA | |
| Was one pump/tubing volume removed prior to sampling? | NA | |
| 9. Were duplicates taken at a frequency of one per 20 samples? | Yes | |
| 10. Were equipment blanks taken at a frequency of one per 20 samples that were collected with nondedicated equipment? | No | See trip report. |
| 11. Were trip blanks prepared and included with each shipment of VOC samples? | NA | |
| 12. Were QC samples assigned a fictitious site identification number? | Yes | |
| Was the true identity of the samples recorded on the Quality Assurance Sample Log? | Yes | |
| 13. Were samples collected in the containers specified? | Yes | |
| 14. Were samples filtered and preserved as specified? | Yes | |
| 15. Were the number and types of samples collected as specified? | Yes | |
| 16. Were chain of custody records completed and was sample custody maintained? | Yes | |
| 17. Are field data sheets signed and dated by both team members? | Yes | |
| 18. Was all other pertinent information documented on the field data sheets? | Yes | |
| 19. Was the presence or absence of ice in the cooler documented at every sample location? | Yes | |
| 20. Were water levels measured at the locations specified in the planning documents? | Yes | |

Laboratory Performance Assessment

General Information

Requisition No.: 05030172
Sample Event: Moab Monitoring, April 19-22, 2005
Site(s): Moab, Utah
Laboratory: Paragon Analytics
Work Order No.: 0504247
Analysis: Metals and Inorganics
Validator: Steve Donovan
Review Date: May 23, 2005

This validation was performed according to the *Environmental Procedures Catalog* (STO 6), “Standard Practice for Validation of Laboratory Data”, GT-9(P) (2004). The samples in this work order were analyzed concurrently with the samples from requisition 05030174. The two work orders share the same quality control data. All analyses were successfully completed. The samples were prepared and analyzed using accepted procedures based on methods specified by line item code, which are listed in Table 1.

Table 1. Analytes and Methods

| Analyte | Line Item Code | Prep Method | Analytical Method |
|----------------------------------|----------------|--------------|-------------------|
| Uranium, U | GJO-01 | SW-846 3005A | SW-846 6020A |
| Chloride, Cl | MIS-A-039 | SW-846 9056 | SW-846 9056 |
| Sulfate, SO ₄ | MIS-A-044 | SW-846 9056 | SW-846 9056 |
| Ammonia as N, NH ₃ -N | WCH-A-005 | MCAWW 350.1 | MCAWW 350.1 |
| Total Dissolved Solids, TDS | WCH-A-033 | MCAWW 160.1 | MCAWW 160.1 |

Data Qualifier Summary

Three of the uranium results are qualified as “U” as listed in Table 2.

Table 2. Qualified Results

| Sample Number | Location | Analyte | Flag | Reason |
|---------------|---------------------|---------|------|---|
| 0504248-34 | TP-19 | U | U | Less than 5 times the calibration blank |
| 0504248-40 | 2844 (equip. blank) | U | U | Less than 5 times the calibration blank |

Sample Shipping/Receiving

Paragon Analytics in Fort Collins, Colorado, received 34 samples on April 22, 2005 and 7 samples on April 23, 2005, accompanied by a Chain of Custody (COC) and Sample Submittal forms. The COC forms were checked to confirm that all samples were listed on the forms, and signatures and dates were present indicating sample relinquishment and receipt. The sample date for location TP-02 was listed on the sample ticket as April 21, 2005, but as April 22, 2005 on the COC form. The date from the COC form was used by the laboratory. The sample submittal documents including the COC forms, the Sample Submittal form, and the sample tickets had no other errors or omissions.

The sample bottle from location 0226-004 submitted for uranium analysis was partially spilled during receipt. Adequate volume remained to complete the analysis.

Holding Times and Preservation

The sample shipments were received intact with temperature within the coolers of 0.8 °C, 1.6 °C, and 3.8 °C, which comply with requirements. All samples had been preserved correctly for the requested analyses and all samples were analyzed within the applicable holding times.

Laboratory Instrument Calibration

All laboratory instrument calibrations were performed correctly in accordance with the cited methods.

Method SW-846 6020A

Calibrations for uranium were performed on April 13, 2005, and April 17, 2005. The initial calibrations were performed using four calibration standards resulting in calibration curves with correlation coefficient (r^2) values greater than 0.995 and intercepts less than 3 times the method detection limit (MDL). Calibration and laboratory spike standards were prepared from independent sources. Initial and continuing calibration verification checks (CCVs) were made at the required frequency resulting in 14 acceptable CCVs. A reporting limit verification check was made at the required frequency to verify the linearity of the calibration curve near the practical quantitation limit. The check results were within the acceptance criteria. The mass calibration and resolution was checked at the beginning of each analytical run in accordance with the procedure. Internal standard recoveries were stable and within acceptance ranges.

Method SW-846 9056

Calibrations were performed for chloride and sulfate using five calibration standards on March 31, 2005. The calibration curve r^2 values were greater than 0.995 and the curve intercepts less than 3 times the MDL. Initial calibration and calibration check standards were prepared from independent sources. Continuing calibration checks were made at the correct frequency resulting in 11 CCVs; all calibration check results were within the acceptance criteria.

Method MCAWW 350.1

The initial calibrations for ammonia as N were performed on May 5, 2005 using six calibration standards. The resulting calibration curve had an r^2 value greater than 0.995 and an intercept less than 3 times the MDL. Initial and continuing calibration checks were made at the required frequency, resulting in seven CCVs. All calibration check results were within the acceptance criteria.

Method MCAWW 160.1

There are no initial or continuing calibration requirements associated with the determination of TDS.

Method and Calibration Blanks

The uranium initial and continuing calibration blanks were below the practical quantitation limits. The chloride, sulfate, ammonia as N and TDS method blanks, and initial and continuing calibration blanks were below the method detection limits.

Inductively Coupled Plasma Interference Check Sample Analysis

Inductively coupled plasma interference check samples were analyzed at the required frequency. All results met the acceptance criteria.

Matrix Spike Analysis

Three matrix spike/matrix spike duplicates (MS/MSD) were prepared and analyzed for ammonia as N and uranium with acceptable results. Two MS/MSDs were prepared and analyzed for chloride and sulfate with acceptable results.

Laboratory Replicate Analysis

The relative percent difference (RPD) values for the MSD and laboratory duplicate sample results for uranium, chloride, sulfate, ammonia as N, and TDS were less than 20 percent.

Laboratory Control Sample

Laboratory control samples were analyzed at the correct frequency with acceptable results for all analysis categories.

Metals Serial Dilution

Two serial dilutions were prepared and analyzed during the uranium analysis with acceptable results.

Detection Limits/Dilutions

Samples were diluted in a consistent and acceptable manner when required. The samples were diluted prior to analysis of uranium to reduce interferences. The required detection limits were achieved for all analytes.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers.

Chromatography Peak Integration

The integration of ion chromatography analyte peaks was reviewed for all chloride and sulfate data. There were no manual integrations performed and all peak integrations were satisfactory.

Electronic Data Deliverable File

The Electronic Data Deliverable (EDD) file arrived on May 19, 2005. The Sample Management System EDD validation module was used to verify that the EDD file was complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

Field Analyses/Activities

Field Activities

All monitor well results were qualified with an “F” flag in the database indicating the wells were purged and sampled using the low-flow sampling method. An equipment blank was collected and analyzed for the same constituents as the Moab environmental samples. Concentrations measured in the equipment blank were below their respective contract required detection limit; therefore, equipment blank results are considered acceptable. Duplicate samples were collected from locations 402 and 0204-004. There are no established regulatory criteria for the evaluation of field duplicate samples; therefore, U.S. Environmental Protection Agency (EPA) guidance for laboratory duplicates (which is conservative for field duplicates) was used to assess the precision of the field duplicates. Duplicate results met the laboratory duplicate criteria of +/- 20 RPD and are considered acceptable.

Certification

Results were reported in correct units for all analytes requested. Appropriate contract-required laboratory qualifiers and target analyte lists were used. The required detection limits were met when possible or an explanation of why they were not met was given in the laboratory case narrative. All analytical quality control criteria were met except as qualified on the Ground Water Quality Data by Parameter, Surface Water Quality by Parameter, or equipment/trip blank database printouts. The meaning of data qualifiers is defined on the database printouts or defined in the EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, Multi-Media Multi-Concentration, Document Number ILMO2.0, 1991. All data in this package are considered validated and may be treated as final results.

| | | |
|-----------------------------------|---------------------------------------|-----------------------|
| Laboratory Validation Lead: | <u>Steve Donovan</u> Steve Donovan | <u>9-9-05</u> Date |
| Field Activities Validation Lead: | <u>Jeff Price</u> Jeff Price | <u>9/9/05</u> Date |

Attachment 1
Data Presentation

Minimums and Maximums Report

Minimums and Maximums Report

The Minimums and Maximums Report is generated by a data validation application (DataVal) used to query the SEEPro database. The DataVal compares the new data set with historical data and lists all new data that fall outside the historical data range. Values listed in the report are further screened using the following criteria. Results are not considered anomalous if (1) identified low concentrations are the result of low detection limits; (2) the concentration detected is within 50 percent of historical minimum or maximum values; (3) there were fewer than five historical samples for comparison.

The low anomalous data associated with surface locations 0201 and CR5 can be attributed to the Colorado River high river stage. The fresh water injection at the configuration 2 (CF2) well field has resulted in low ammonia and uranium concentrations in observation well 0401 and low sulfate concentrations in wells 0401 and 0408. The anomalous low uranium concentration detected in the sample collected from well 0438 (which is located on top of the tailings pile) will be compared to subsequent data.

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters

LAB CODE: PAR, PARAGON (Fort Collins, CO)

LAB REQUISITION(S): 05030172

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 08/19/05 10:34:28: AM

| SITE CODE | LOCATION CODE | SAMPLE DATE | ANALYTE | CURRENT | | HISTORICAL MAXIMUM | | HISTORICAL MINIMUM | | COUNT | |
|-----------|---------------|-------------|------------------------|---------|------------------------|--------------------|------------------------|--------------------|------------------------|-------|-------------------|
| | | | | RESULT | QUALIFIERS LAB DATA | RESULT | QUALIFIERS LAB DATA | RESULT | QUALIFIERS LAB DATA | N | N BELOW DETECT |
| MOA01 | 0201 | 04/21/2005 | Chloride | 28 | | 177 | | 74 | | 8 | 0 |
| MOA01 | 0201 | 04/21/2005 | Sulfate | 81 | | 433 | | 190 | | 8 | 0 |
| MOA01 | 0201 | 04/21/2005 | Total Dissolved Solids | 270 | | 1070 | | 550 | | 7 | 0 |
| MOA01 | 0201 | 04/21/2005 | Uranium | 0.0022 | | 0.0088 | | 0.0034 | | 8 | 0 |
| MOA01 | 0401 | 04/20/2005 | Ammonia Total as N | 1.4 | F | 730 | | 77 | F | 6 | 0 |
| MOA01 | 0401 | 04/20/2005 | Chloride | 60 | F | 2135.9 | | 100 | F | 6 | 0 |
| MOA01 | 0401 | 04/20/2005 | Sulfate | 170 | F | 8724.3 | | 400 | F | 6 | 0 |
| MOA01 | 0401 | 04/20/2005 | Total Dissolved Solids | 500 | F | 14000 | F | 760 | F | 5 | 0 |
| MOA01 | 0401 | 04/20/2005 | Uranium | 0.018 | F | 2.387 | | 0.13 | JF | 6 | 0 |
| MOA01 | 0408 | 04/20/2005 | Sulfate | 320 | F | 13871.4 | | 650 | F | 9 | 0 |
| MOA01 | 0408 | 04/20/2005 | Total Dissolved Solids | 690 | F | 20000 | F | 920 | F | 8 | 0 |
| MOA01 | 0408 | 04/20/2005 | Uranium | 0.12 | F | 3.1624 | | 0.17 | F | 9 | 0 |
| MOA01 | 0438 | 04/22/2005 | Uranium | 0.14 | F | 4.19 | QJ | 1.33 | QJ | 6 | 0 |
| MOA01 | 0439 | 04/22/2005 | Total Dissolved Solids | 7700 | F | 63900 | Q | 7800 | F | 16 | 0 |
| MOA01 | ATP-2-D | 04/21/2005 | Ammonia Total as N | 360 | F | 670 | | 440 | F | 8 | 0 |
| MOA01 | ATP-2-D | 04/21/2005 | Chloride | 54000 | F | 53800 | | 940 | | 37 | 0 |
| MOA01 | ATP-2-D | 04/21/2005 | Total Dissolved Solids | 94000 | F | 92000 | F | 18591 | | 34 | 0 |
| MOA01 | CR1 | 04/19/2005 | Ammonia Total as N | 0.25 | | 0.16 | | 0.003 | U J | 17 | 11 |
| MOA01 | CR1 | 04/19/2005 | Total Dissolved Solids | 310 | | 1060 | | 550 | | 12 | 0 |
| MOA01 | CR5 | 04/21/2005 | Sulfate | 81 | | 443 | | 82.1 | | 16 | 1 |
| MOA01 | CR5 | 04/21/2005 | Total Dissolved Solids | 270 | | 1110 | | 550 | | 9 | 0 |

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters

LAB CODE: PAR, PARAGON (Fort Collins, CO)

LAB REQUISITION(S): 05030172

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 08/19/05 10:34:28: AM

| SITE CODE | LOCATION CODE | SAMPLE DATE | ANALYTE | CURRENT | | HISTORICAL MAXIMUM | | HISTORICAL MINIMUM | | COUNT | |
|-----------|---------------|-------------|------------------------|---------|------------------------|--------------------|------------------------|--------------------|------------------------|-------|-------------------|
| | | | | RESULT | QUALIFIERS LAB DATA | RESULT | QUALIFIERS LAB DATA | RESULT | QUALIFIERS LAB DATA | N | N BELOW DETECT |
| MOA01 | CR5 | 04/21/2005 | Uranium | 0.0022 | | 0.0115 | | 0.0023 | | 16 | 0 |
| MOA01 | TP-02 | 04/21/2005 | Total Dissolved Solids | 2800 | F | 5820 | | 3100 | F | 14 | 0 |
| MOA01 | TP-02 | 04/21/2005 | Uranium | 9.6 | F | 26 | | 11 | F | 18 | 0 |
| MOA01 | TP-17 | 04/20/2005 | Chloride | 63000 | F | 60000 | F | 50700 | | 7 | 0 |
| MOA01 | TP-18 | 04/20/2005 | Ammonia Total as N | 2.6 | F | 8.4 | | 3.1 | F | 9 | 0 |
| MOA01 | TP-18 | 04/20/2005 | Sulfate | 3800 | F | 5720 | F | 3920 | | 9 | 0 |
| MOA01 | TP-18 | 04/20/2005 | Total Dissolved Solids | 80000 | F | 110000 | F | 86000 | | 8 | 0 |
| MOA01 | TP-19 | 04/20/2005 | Chloride | 65000 | F | 63000 | F | 52600 | | 8 | 0 |

SAMPLING DATA VALIDATION MINIMUMS AND MAXIMUMS REPORT -- No Field Parameters

LAB CODE: PAR, PARAGON (Fort Collins, CO)

LAB REQUISITION(S): 05030172

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 08/19/05 10:34:28: AM

| SITE CODE | LOCATION CODE | SAMPLE DATE | ANALYTE | CURRENT | | HISTORICAL MAXIMUM | | HISTORICAL MINIMUM | | COUNT | |
|--------------|------------------|----------------|---------|---------|------------------------|--------------------|------------------------|--------------------|------------------------|-------|-------------------|
| | | | | RESULT | QUALIFIERS LAB DATA | RESULT | QUALIFIERS LAB DATA | RESULT | QUALIFIERS LAB DATA | N | N BELOW DETECT |

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- | | | |
|--|--|---|
| J Estimated value. | F Low flow sampling method used. | G Possible grout contamination, pH > 9. |
| L Less than 3 bore volumes purged prior to sampling. | R Unusable result. | X Location is undefined. |
| U Parameter analyzed for but was not detected. | Q Qualitative result due to sampling technique | |

Anomalous Data Review Checksheet

Anomalous Data Review Checksheet

Site: Moab Processing Site Sampling Date: April 19-22, 2005

Reviewer: Jeff Price W Price for 9/9/05
 Name (print) Signature Date

Site Lead: Kenneth Karp John E. Egan for 9/12/05
 Name (print) Signature Date

Date of Review: August 19, 2005

| Loc. No. | Analyte | Type of Anomaly | Disposition |
|----------|--------------------|-----------------|---|
| 0201 | Chloride | Low | Low due to high river stage |
| 0201 | Sulfate | Low | Low due to high river stage |
| 0201 | TDS | Low | Low due to high river stage |
| 0201 | Uranium | Low | Low due to high river stage |
| 0401 | Ammonia Total as N | Low | Low due to injected fresh water at the CF2 well field |
| 0401 | Sulfate | Low | Low due to injected fresh water at the CF2 well field |
| 0401 | Uranium | Low | Low due to injected fresh water at the CF2 well field |
| 0408 | Sulfate | Low | Low due to injected fresh water at the CF2 well field |
| 0438 | Uranium | Low | Compare to other rounds |
| CR5 | TDS | Low | Low due to high river stage |

Water Quality Data

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | DETECTION LIMIT | UN-CERTAINTY |
|------------------------------|-------|-------------|-------------------|------------|------|----------------------|--------|-------------|---------|-----------------|--------------|
| | | | | DATE | ID | | | LAB | DATA QA | | |
| Alkalinity, Total (As CaCO3) | mg/L | 0201 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 86 | | # | - | - |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0001 | 0.50 - 1.00 | 104 | | # | - | - |
| | mg/L | 0217 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 108 | | # | - | - |
| | mg/L | 0218-004 | SL, RIV | 04/21/2005 | 0001 | 2.00 - 3.00 | 88 | | # | - | - |
| | mg/L | 0219-004 | SL, RIV | 04/19/2005 | 0001 | 0.30 - 0.30 | 94 | | # | - | - |
| | mg/L | 0220-004 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.50 | 96 | | # | - | - |
| | mg/L | 0221-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 0.70 | 92 | | # | - | - |
| | mg/L | 0222-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 110 | | # | - | - |
| | mg/L | 0223-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 90 | | # | - | - |
| | mg/L | 0224-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 98 | | # | - | - |
| | mg/L | 0225-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 102 | | # | - | - |
| | mg/L | 0226-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 88 | | # | - | - |
| | mg/L | 0227-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 106 | | # | - | - |
| | mg/L | 0228-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 100 | | # | - | - |
| | mg/L | 0232-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 112 | | # | - | - |
| | mg/L | 0233-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 78 | | # | - | - |
| | mg/L | 0234-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 2.00 | 104 | | # | - | - |
| | mg/L | 0401 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 160 | F | # | - | - |
| | mg/L | 0402 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 244 | F | # | - | - |
| | mg/L | 0403 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 416 | F | # | - | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 884 | F | # | - | - |
| | mg/L | 0405 | WL | 04/19/2005 | 0001 | 18.00 - 18.00 | 984 | F | # | - | - |
| | mg/L | 0406 | WL | 04/19/2005 | 0001 | 16.00 - 16.00 | 760 | F | # | - | - |
| | mg/L | 0407 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 212 | F | # | - | - |
| | mg/L | 0408 | WL | 04/20/2005 | 0001 | 26.00 - 26.00 | 174 | F | # | - | - |
| | mg/L | 0437 | WL | 04/22/2005 | 0001 | 97.00 - 97.00 | 700 | F | # | - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | DETECTION LIMIT | UN-CERTAINTY |
|------------------------------|--------------------|-------------|-------------------|------------|------------|----------------------|-------------|-------------|------|-----|-----------------|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | | |
| Alkalinity, Total (As CaCO3) | mg/L | 0438 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 890 | F | # | - | - | |
| | mg/L | 0439 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 840 | F | # | - | - | |
| | mg/L | 0492 | WL | 04/20/2005 | 0001 | 18.10 - 18.10 | 1082 | F | # | - | - | |
| | mg/L | ATP-2-D | WL, PZ | 04/21/2005 | 0001 | 88.00 - 88.00 | 158 | F | # | - | - | |
| | mg/L | ATP-2-S | WL, PZ | 04/21/2005 | 0001 | 36.00 - 36.00 | 654 | FQ | # | - | - | |
| | mg/L | CR1 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.80 | 70 | | # | - | - | |
| | mg/L | CR3-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 99 | | # | - | - | |
| | mg/L | CR5 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 2.00 | 120 | | # | - | - | |
| | mg/L | TP-02 | WL | 04/21/2005 | 0001 | 29.90 - 29.90 | 644 | F | # | - | - | |
| | mg/L | TP-17 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 200 | F | # | - | - | |
| | mg/L | TP-18 | WL | 04/20/2005 | 0001 | 21.60 - 21.60 | 214 | F | # | - | - | |
| | mg/L | TP-19 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 182 | F | # | - | - | |
| | Ammonia Total as N | mg/L | 0201 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 0.13 | | # | 0.1 | - |
| mg/L | | 0204-004 | SL, RIV | 04/21/2005 | 0001 | 0.50 - 1.00 | 0.14 | | # | 0.1 | - | |
| mg/L | | 0204-004 | SL, RIV | 04/21/2005 | 0002 | 0.50 - 1.00 | 0.12 | | # | 0.1 | - | |
| mg/L | | 0217 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 0.13 | | # | 0.1 | - | |
| mg/L | | 0218-004 | SL, RIV | 04/21/2005 | 0001 | 2.00 - 3.00 | 0.13 | | # | 0.1 | - | |
| mg/L | | 0219-004 | SL, RIV | 04/19/2005 | 0001 | 0.30 - 0.30 | 0.2 | | # | 0.1 | - | |
| mg/L | | 0220-004 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.50 | 0.21 | | # | 0.1 | - | |
| mg/L | | 0221-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 0.70 | 0.21 | | # | 0.1 | - | |
| mg/L | | 0222-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 0.16 | | # | 0.1 | - | |
| mg/L | | 0223-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 0.18 | | # | 0.1 | - | |
| mg/L | | 0224-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 0.18 | | # | 0.1 | - | |
| mg/L | | 0225-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 0.17 | | # | 0.1 | - | |
| mg/L | | 0226-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 0.17 | | # | 0.1 | - | |
| mg/L | | 0227-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 0.16 | | # | 0.1 | - | |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | DETECTION LIMIT | UN-CERTAINTY | |
|--------------------|-------|-------------|-------------------|------------|------|----------------------|--------|-------------|------|----|-----------------|--------------|---|
| | | | | DATE | ID | | | LAB | DATA | QA | | | |
| Ammonia Total as N | mg/L | 0228-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 0.17 | | | | # | 0.1 | - |
| | mg/L | 0232-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 0.17 | | | | # | 0.1 | - |
| | mg/L | 0233-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 0.17 | | | | # | 0.1 | - |
| | mg/L | 0234-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 2.00 | 0.17 | | | | # | 0.1 | - |
| | mg/L | 0401 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 1.4 | | F | | # | 0.1 | - |
| | mg/L | 0402 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 16 | | F | | # | 0.5 | - |
| | mg/L | 0403 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 170 | | F | | # | 50 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 340 | | F | | # | 50 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0002 | 17.00 - 17.00 | 340 | | F | | # | 50 | - |
| | mg/L | 0405 | WL | 04/19/2005 | 0001 | 18.00 - 18.00 | 430 | | F | | # | 50 | - |
| | mg/L | 0406 | WL | 04/19/2005 | 0001 | 16.00 - 16.00 | 410 | | F | | # | 50 | - |
| | mg/L | 0407 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 49 | | F | | # | 2 | - |
| | mg/L | 0408 | WL | 04/20/2005 | 0001 | 26.00 - 26.00 | 91 | | F | | # | 20 | - |
| | mg/L | 0437 | WL | 04/22/2005 | 0001 | 97.00 - 97.00 | 0.1 | U | F | | # | 0.1 | - |
| | mg/L | 0438 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 17 | | F | | # | 0.5 | - |
| | mg/L | 0439 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 8.8 | | F | | # | 0.2 | - |
| | mg/L | 0492 | WL | 04/20/2005 | 0001 | 18.10 - 18.10 | 61 | | F | | # | 2 | - |
| | mg/L | ATP-2-D | WL, PZ | 04/21/2005 | 0001 | 88.00 - 88.00 | 360 | | F | | # | 50 | - |
| | mg/L | ATP-2-S | WL, PZ | 04/21/2005 | 0001 | 36.00 - 36.00 | 330 | | FQ | | # | 50 | - |
| | mg/L | CR1 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.80 | 0.25 | | | | # | 0.1 | - |
| | mg/L | CR3-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 0.15 | | | | # | 0.1 | - |
| | mg/L | CR5 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 2.00 | 0.14 | | | | # | 0.1 | - |
| | mg/L | TP-02 | WL | 04/21/2005 | 0001 | 29.90 - 29.90 | 1.2 | | F | | # | 0.1 | - |
| | mg/L | TP-17 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 3.4 | | F | | # | 0.1 | - |
| | mg/L | TP-18 | WL | 04/20/2005 | 0001 | 21.60 - 21.60 | 2.6 | | F | | # | 0.1 | - |
| | mg/L | TP-19 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 3.5 | | F | | # | 0.1 | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | UN-CERTAINTY |
|-----------|-------|-------------|-------------------|------------|------|----------------------|--------|-------------|------|----|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | |
| Chloride | mg/L | 0201 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 28 | | # | 1 | - |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0001 | 0.50 - 1.00 | 26 | | # | 1 | - |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0002 | 0.50 - 1.00 | 27 | | # | 1 | - |
| | mg/L | 0217 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 27 | | # | 1 | - |
| | mg/L | 0218-004 | SL, RIV | 04/21/2005 | 0001 | 2.00 - 3.00 | 26 | | # | 1 | - |
| | mg/L | 0219-004 | SL, RIV | 04/19/2005 | 0001 | 0.30 - 0.30 | 32 | | # | 1 | - |
| | mg/L | 0220-004 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.50 | 34 | | # | 1 | - |
| | mg/L | 0221-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 0.70 | 37 | | # | 1 | - |
| | mg/L | 0222-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 28 | | # | 1 | - |
| | mg/L | 0223-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 28 | | # | 1 | - |
| | mg/L | 0224-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 30 | | # | 1 | - |
| | mg/L | 0225-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 29 | | # | 1 | - |
| | mg/L | 0226-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 32 | | # | 1 | - |
| | mg/L | 0227-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 30 | | # | 1 | - |
| | mg/L | 0228-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 30 | | # | 1 | - |
| | mg/L | 0232-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 30 | | # | 1 | - |
| | mg/L | 0233-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 30 | | # | 1 | - |
| | mg/L | 0234-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 2.00 | 27 | | # | 1 | - |
| | mg/L | 0401 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 60 | F | # | 2 | - |
| | mg/L | 0402 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 240 | F | # | 10 | - |
| | mg/L | 0403 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 1200 | F | # | 20 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 1900 | F | # | 40 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0002 | 17.00 - 17.00 | 2000 | F | # | 40 | - |
| | mg/L | 0405 | WL | 04/19/2005 | 0001 | 18.00 - 18.00 | 1500 | F | # | 40 | - |
| | mg/L | 0406 | WL | 04/19/2005 | 0001 | 16.00 - 16.00 | 980 | F | # | 40 | - |
| | mg/L | 0407 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 450 | F | # | 10 | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | UN-CERTAINTY |
|-----------|------------------|-------------|-------------------|------------|------------|----------------------|-------------|-------------|------|------|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | |
| Chloride | mg/L | 0408 | WL | 04/20/2005 | 0001 | 26.00 - 26.00 | 120 | F | # | 4 | - |
| | mg/L | 0437 | WL | 04/22/2005 | 0001 | 97.00 - 97.00 | 1200 | F | # | 20 | - |
| | mg/L | 0438 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 990 | F | # | 20 | - |
| | mg/L | 0439 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 1200 | F | # | 20 | - |
| | mg/L | 0492 | WL | 04/20/2005 | 0001 | 18.10 - 18.10 | 17000 | F | # | 200 | - |
| | mg/L | ATP-2-D | WL, PZ | 04/21/2005 | 0001 | 88.00 - 88.00 | 54000 | F | # | 1000 | - |
| | mg/L | ATP-2-S | WL, PZ | 04/21/2005 | 0001 | 36.00 - 36.00 | 4000 | FQ | # | 100 | - |
| | mg/L | CR1 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.80 | 33 | | # | 1 | - |
| | mg/L | CR3-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 31 | | # | 1 | - |
| | mg/L | CR5 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 2.00 | 27 | | # | 1 | - |
| | mg/L | TP-02 | WL | 04/21/2005 | 0001 | 29.90 - 29.90 | 460 | F | # | 10 | - |
| | mg/L | TP-17 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 63000 | F | # | 1000 | - |
| | mg/L | TP-18 | WL | 04/20/2005 | 0001 | 21.60 - 21.60 | 49000 | F | # | 1000 | - |
| | mg/L | TP-19 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 65000 | F | # | 1000 | - |
| | Dissolved Oxygen | mg/L | 0201 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 9.27 | | # | - |
| mg/L | | 0204-004 | SL, RIV | 04/21/2005 | N001 | 0.50 - 1.00 | 9.24 | | # | - | - |
| mg/L | | 0217 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 9.27 | | # | - | - |
| mg/L | | 0218-004 | SL, RIV | 04/21/2005 | N001 | 2.00 - 3.00 | 9.19 | | # | - | - |
| mg/L | | 0219-004 | SL, RIV | 04/19/2005 | N001 | 0.30 - 0.30 | 9.40 | | # | - | - |
| mg/L | | 0220-004 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.50 | 8.68 | | # | - | - |
| mg/L | | 0221-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 0.70 | 11.00 | | # | - | - |
| mg/L | | 0222-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 11.47 | | # | - | - |
| mg/L | | 0223-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 12.08 | | # | - | - |
| mg/L | | 0225-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 14.57 | | # | - | - |
| mg/L | | 0226-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 8.69 | | # | - | - |
| mg/L | | 0227-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 8.65 | | # | - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | DETECTION LIMIT | UN-CERTAINTY | | |
|------------------|----------------------------|-------------|-------------------|------------|------------|----------------------|-------------|-------------|------|----|-----------------|--------------|---|---|
| | | | | DATE | ID | | | LAB | DATA | QA | | | | |
| Dissolved Oxygen | mg/L | 0228-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 8.65 | | | | # | - | - | |
| | mg/L | 0232-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 8.69 | | | | # | - | - | |
| | mg/L | 0233-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 8.79 | | | | # | - | - | |
| | mg/L | 0234-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 2.00 | 11.86 | | | | # | - | - | |
| | mg/L | 0401 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 4.59 | F | | | # | - | - | |
| | mg/L | 0402 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 1.88 | F | | | # | - | - | |
| | mg/L | 0403 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 2.08 | F | | | # | - | - | |
| | mg/L | 0404 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 1.15 | F | | | # | - | - | |
| | mg/L | 0405 | WL | 04/19/2005 | N001 | 18.00 - 18.00 | 1.82 | F | | | # | - | - | |
| | mg/L | 0406 | WL | 04/19/2005 | N001 | 16.00 - 16.00 | 1.83 | F | | | # | - | - | |
| | mg/L | 0407 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 14.56 | F | | | # | - | - | |
| | mg/L | 0408 | WL | 04/20/2005 | N001 | 26.00 - 26.00 | 3.67 | F | | | # | - | - | |
| | mg/L | 0437 | WL | 04/22/2005 | N001 | 97.00 - 97.00 | 1.27 | F | | | # | - | - | |
| | mg/L | 0438 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 1.49 | F | | | # | - | - | |
| | mg/L | 0439 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 1.24 | F | | | # | - | - | |
| | mg/L | 0492 | WL | 04/20/2005 | N001 | 18.10 - 18.10 | 1.63 | F | | | # | - | - | |
| | mg/L | ATP-2-D | WL, PZ | 04/21/2005 | N001 | 88.00 - 88.00 | 0.91 | F | | | # | - | - | |
| | mg/L | ATP-2-S | WL, PZ | 04/21/2005 | N001 | 36.00 - 36.00 | 2.07 | FQ | | | # | - | - | |
| | mg/L | CR1 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.80 | 9.09 | | | | # | - | - | |
| | mg/L | CR3-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 8.95 | | | | # | - | - | |
| | mg/L | CR5 | SL, RIV | 04/21/2005 | N001 | 1.00 - 2.00 | 9.27 | | | | # | - | - | |
| | mg/L | TP-02 | WL | 04/21/2005 | N001 | 29.90 - 29.90 | 6.40 | F | | | # | - | - | |
| | mg/L | TP-17 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 1.46 | F | | | # | - | - | |
| | mg/L | TP-18 | WL | 04/20/2005 | N001 | 21.60 - 21.60 | 1.10 | F | | | # | - | - | |
| | mg/L | TP-19 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 1.44 | F | | | # | - | - | |
| | Oxidation Reduction Potent | mV | 0201 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 122 | | | | # | - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | DETECTION LIMIT | UN-CERTAINTY | |
|----------------------------|-------|-------------|-------------------|------------|------|----------------------|--------|-------------|---------|-----------------|--------------|---|
| | | | | DATE | ID | | | LAB | DATA QA | | | |
| Oxidation Reduction Potent | mV | 0204-004 | SL, RIV | 04/21/2005 | N001 | 0.50 - 1.00 | 18 | | | # | - | - |
| | mV | 0217 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 106 | | | # | - | - |
| | mV | 0218-004 | SL, RIV | 04/21/2005 | N001 | 2.00 - 3.00 | 39 | | | # | - | - |
| | mV | 0219-004 | SL, RIV | 04/19/2005 | N001 | 0.30 - 0.30 | 120 | | | # | - | - |
| | mV | 0220-004 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.50 | 129 | | | # | - | - |
| | mV | 0221-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 0.70 | 157 | | | # | - | - |
| | mV | 0222-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 122 | | | # | - | - |
| | mV | 0223-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 142 | | | # | - | - |
| | mV | 0224-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 140 | | | # | - | - |
| | mV | 0225-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 113 | | | # | - | - |
| | mV | 0226-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | -19 | | | # | - | - |
| | mV | 0227-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | -2.6 | | | # | - | - |
| | mV | 0228-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | -160 | | | # | - | - |
| | mV | 0232-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 21 | | | # | - | - |
| | mV | 0233-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 79 | | | # | - | - |
| | mV | 0234-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 2.00 | 144 | | | # | - | - |
| | mV | 0401 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 84 | | F | # | - | - |
| | mV | 0402 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 167 | | F | # | - | - |
| | mV | 0403 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 183 | | F | # | - | - |
| | mV | 0404 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 231 | | F | # | - | - |
| | mV | 0405 | WL | 04/19/2005 | N001 | 18.00 - 18.00 | 194.5 | | F | # | - | - |
| | mV | 0406 | WL | 04/19/2005 | N001 | 16.00 - 16.00 | 193 | | F | # | - | - |
| | mV | 0407 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 161.8 | | F | # | - | - |
| | mV | 0408 | WL | 04/20/2005 | N001 | 26.00 - 26.00 | 133 | | F | # | - | - |
| | mV | 0437 | WL | 04/22/2005 | N001 | 97.00 - 97.00 | 319 | | F | # | - | - |
| | mV | 0438 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 72 | | F | # | - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | DETECTION LIMIT | UN-CERTAINTY |
|----------------------------|-------|-------------|-------------------|------------|------------|----------------------|-------------|-------------|------|----|-----------------|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | | |
| Oxidation Reduction Potent | mV | 0439 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 144 | F | # | - | - | |
| | mV | 0492 | WL | 04/20/2005 | N001 | 18.10 - 18.10 | -60 | F | # | - | - | |
| | mV | ATP-2-D | WL, PZ | 04/21/2005 | N001 | 88.00 - 88.00 | -203 | F | # | - | - | |
| | mV | ATP-2-S | WL, PZ | 04/21/2005 | N001 | 36.00 - 36.00 | -161 | FQ | # | - | - | |
| | mV | CR1 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.80 | 170 | | # | - | - | |
| | mV | CR3-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 45 | | # | - | - | |
| | mV | CR5 | SL, RIV | 04/21/2005 | N001 | 1.00 - 2.00 | 111 | | # | - | - | |
| | mV | TP-02 | WL | 04/21/2005 | N001 | 29.90 - 29.90 | -36 | F | # | - | - | |
| | mV | TP-17 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | -105 | F | # | - | - | |
| | mV | TP-18 | WL | 04/20/2005 | N001 | 21.60 - 21.60 | -122 | F | # | - | - | |
| | mV | TP-19 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | -225.1 | F | # | - | - | |
| | pH | s.u. | 0201 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 7.99 | | # | - | - |
| s.u. | | 0204-004 | SL, RIV | 04/21/2005 | N001 | 0.50 - 1.00 | 8.16 | | # | - | - | |
| s.u. | | 0217 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 8.07 | | # | - | - | |
| s.u. | | 0218-004 | SL, RIV | 04/21/2005 | N001 | 2.00 - 3.00 | 8.04 | | # | - | - | |
| s.u. | | 0219-004 | SL, RIV | 04/19/2005 | N001 | 0.30 - 0.30 | 7.98 | | # | - | - | |
| s.u. | | 0220-004 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.50 | 7.82 | | # | - | - | |
| s.u. | | 0221-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 0.70 | 8.01 | | # | - | - | |
| s.u. | | 0222-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 8.01 | | # | - | - | |
| s.u. | | 0223-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 8.03 | | # | - | - | |
| s.u. | | 0224-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 8.06 | | # | - | - | |
| s.u. | | 0225-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 8.02 | | # | - | - | |
| s.u. | | 0226-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 8.25 | | # | - | - | |
| s.u. | | 0227-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 8.19 | | # | - | - | |
| s.u. | | 0228-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 8.30 | | # | - | - | |
| s.u. | | 0232-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 8.17 | | # | - | - | |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: DATE | ID | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: LAB DATA QA | DETECTION LIMIT | UN-CERTAINTY |
|----------------------|----------|-------------|-------------------|--------------|---------------|----------------------|--------|-------------------------|-----------------|--------------|
| pH | s.u. | 0233-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 8.06 | | # | - |
| | s.u. | 0234-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 2.00 | 8.01 | | # | - |
| | s.u. | 0401 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 7.74 | F | # | - |
| | s.u. | 0402 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 7.36 | F | # | - |
| | s.u. | 0403 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 7.26 | F | # | - |
| | s.u. | 0404 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 6.85 | F | # | - |
| | s.u. | 0405 | WL | 04/19/2005 | N001 | 18.00 - 18.00 | 6.74 | F | # | - |
| | s.u. | 0406 | WL | 04/19/2005 | N001 | 16.00 - 16.00 | 6.88 | F | # | - |
| | s.u. | 0407 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 7.98 | F | # | - |
| | s.u. | 0408 | WL | 04/20/2005 | N001 | 26.00 - 26.00 | 7.77 | F | # | - |
| | s.u. | 0437 | WL | 04/22/2005 | N001 | 97.00 - 97.00 | 7.41 | F | # | - |
| | s.u. | 0438 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 6.80 | F | # | - |
| | s.u. | 0439 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 6.92 | F | # | - |
| | s.u. | 0492 | WL | 04/20/2005 | N001 | 18.10 - 18.10 | 7.03 | F | # | - |
| | s.u. | ATP-2-D | WL, PZ | 04/21/2005 | N001 | 88.00 - 88.00 | 7.53 | F | # | - |
| | s.u. | ATP-2-S | WL, PZ | 04/21/2005 | N001 | 36.00 - 36.00 | 7.72 | FQ | # | - |
| | s.u. | CR1 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.80 | 7.66 | | # | - |
| | s.u. | CR3-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 8.23 | | # | - |
| | s.u. | CR5 | SL, RIV | 04/21/2005 | N001 | 1.00 - 2.00 | 8.12 | | # | - |
| | s.u. | TP-02 | WL | 04/21/2005 | N001 | 29.90 - 29.90 | 7.29 | F | # | - |
| s.u. | TP-17 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 7.11 | F | # | - | |
| s.u. | TP-18 | WL | 04/20/2005 | N001 | 21.60 - 21.60 | 7.29 | F | # | - | |
| s.u. | TP-19 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 7.04 | F | # | - | |
| Specific Conductance | umhos/cm | 0201 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 444 | | # | - |
| | umhos/cm | 0204-004 | SL, RIV | 04/21/2005 | N001 | 0.50 - 1.00 | 496 | | # | - |
| | umhos/cm | 0217 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 477 | | # | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | DETECTION LIMIT | UN-CERTAINTY | |
|----------------------|----------|-------------|-------------------|------------|------|----------------------|--------|-------------|------|----|-----------------|--------------|---|
| | | | | DATE | ID | | | LAB | DATA | QA | | | |
| Specific Conductance | umhos/cm | 0218-004 | SL, RIV | 04/21/2005 | N001 | 2.00 - 3.00 | 479 | | | | # | - | - |
| | umhos/cm | 0219-004 | SL, RIV | 04/19/2005 | N001 | 0.30 - 0.30 | 737 | | | | # | - | - |
| | umhos/cm | 0220-004 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.50 | 747 | | | | # | - | - |
| | umhos/cm | 0221-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 0.70 | 703 | | | | # | - | - |
| | umhos/cm | 0222-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 509 | | | | # | - | - |
| | umhos/cm | 0223-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 513 | | | | # | - | - |
| | umhos/cm | 0224-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 565 | | | | # | - | - |
| | umhos/cm | 0225-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 525 | | | | # | - | - |
| | umhos/cm | 0226-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 806 | | | | # | - | - |
| | umhos/cm | 0227-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 572 | | | | # | - | - |
| | umhos/cm | 0228-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 912 | | | | # | - | - |
| | umhos/cm | 0232-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 529 | | | | # | - | - |
| | umhos/cm | 0233-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 535 | | | | # | - | - |
| | umhcs/cm | 0234-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 2.00 | 505 | | | | # | - | - |
| | umhos/cm | 0401 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 914 | | F | | # | - | - |
| | umhos/cm | 0402 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 3171 | | F | | # | - | - |
| | umhos/cm | 0403 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 8688 | | F | | # | - | - |
| | umhos/cm | 0404 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 16650 | | F | | # | - | - |
| | umhos/cm | 0405 | WL | 04/19/2005 | N001 | 18.00 - 18.00 | 15490 | | F | | # | - | - |
| | umhos/cm | 0406 | WL | 04/19/2005 | N001 | 16.00 - 16.00 | 14007 | | F | | # | - | - |
| | umhos/cm | 0407 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 28 | | F | | # | - | - |
| | umhos/cm | 0408 | WL | 04/20/2005 | N001 | 26.00 - 26.00 | 1557 | | F | | # | - | - |
| | umhos/cm | 0437 | WL | 04/22/2005 | N001 | 97.00 - 97.00 | 10820 | | F | | # | - | - |
| | umhos/cm | 0438 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 9352 | | F | | # | - | - |
| | umhos/cm | 0439 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 9528 | | F | | # | - | - |
| | umhos/cm | 0492 | WL | 04/20/2005 | N001 | 18.10 - 18.10 | 54000 | | F | | # | - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: DATE | ID | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: LAB DATA QA | DETECTION LIMIT | UN-CERTAINTY |
|----------------------|----------|-------------|-------------------|--------------|------|----------------------|--------|-------------------------|-----------------|--------------|
| Specific Conductance | umhos/cm | ATP-2-D | WL, PZ | 04/21/2005 | N001 | 88.00 - 88.00 | 122642 | F # | - | - |
| | umhos/cm | ATP-2-S | WL, PZ | 04/21/2005 | N001 | 36.00 - 36.00 | 20739 | FQ # | - | - |
| | umhos/cm | CR1 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.80 | 545 | # | - | - |
| | umhos/cm | CR3-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 660 | # | - | - |
| | umhos/cm | CR5 | SL, RIV | 04/21/2005 | N001 | 1.00 - 2.00 | 451 | # | - | - |
| | umhos/cm | TP-02 | WL | 04/21/2005 | N001 | 29.90 - 29.90 | 3877 | F # | - | - |
| | umhos/cm | TP-17 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 128631 | F # | - | - |
| | umhos/cm | TP-18 | WL | 04/20/2005 | N001 | 21.60 - 21.60 | 101159 | F # | - | - |
| | umhos/cm | TP-19 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 130789 | F # | - | - |
| Sulfate | mg/L | 0201 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 81 | # | 2.5 | - |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0001 | 0.50 - 1.00 | 83 | # | 2.5 | - |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0002 | 0.50 - 1.00 | 79 | # | 2.5 | - |
| | mg/L | 0217 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 81 | # | 2.5 | - |
| | mg/L | 0218-004 | SL, RIV | 04/21/2005 | 0001 | 2.00 - 3.00 | 83 | # | 2.5 | - |
| | mg/L | 0219-004 | SL, RIV | 04/19/2005 | 0001 | 0.30 - 0.30 | 92 | # | 2.5 | - |
| | mg/L | 0220-004 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.50 | 95 | # | 2.5 | - |
| | mg/L | 0221-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 0.70 | 98 | # | 2.5 | - |
| | mg/L | 0222-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 87 | # | 2.5 | - |
| | mg/L | 0223-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 84 | # | 2.5 | - |
| | mg/L | 0224-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 85 | # | 2.5 | - |
| | mg/L | 0225-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 84 | # | 2.5 | - |
| | mg/L | 0226-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 83 | # | 2.5 | - |
| | mg/L | 0227-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 94 | # | 2.5 | - |
| | mg/L | 0228-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 85 | # | 2.5 | - |
| | mg/L | 0232-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 84 | # | 2.5 | - |
| | mg/L | 0233-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 85 | # | 2.5 | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: DATE | ID | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: LAB DATA QA | DETECTION LIMIT | UN-CERTAINTY | |
|-------------|-------|-------------|-------------------|--------------|---------------|----------------------|--------|-------------------------|-----------------|--------------|---|
| Sulfate | mg/L | 0234-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 2.00 | 83 | | # | 2.5 | - |
| | mg/L | 0401 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 170 | F | # | 5 | - |
| | mg/L | 0402 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 1000 | F | # | 25 | - |
| | mg/L | 0403 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 2600 | F | # | 50 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 7400 | F | # | 100 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0002 | 17.00 - 17.00 | 7300 | F | # | 100 | - |
| | mg/L | 0405 | WL | 04/19/2005 | 0001 | 18.00 - 18.00 | 7200 | N JF | # | 100 | - |
| | mg/L | 0406 | WL | 04/19/2005 | 0001 | 16.00 - 16.00 | 6700 | N JF | # | 100 | - |
| | mg/L | 0407 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 610 | F | # | 25 | - |
| | mg/L | 0408 | WL | 04/20/2005 | 0001 | 26.00 - 26.00 | 320 | F | # | 10 | - |
| | mg/L | 0437 | WL | 04/22/2005 | 0001 | 97.00 - 97.00 | 3900 | F | # | 50 | - |
| | mg/L | 0438 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 3900 | F | # | 50 | - |
| | mg/L | 0439 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 3500 | F | # | 50 | - |
| | mg/L | 0492 | WL | 04/20/2005 | 0001 | 18.10 - 18.10 | 15000 | F | # | 250 | - |
| | mg/L | ATP-2-D | WL, PZ | 04/21/2005 | 0001 | 88.00 - 88.00 | 4700 | F | # | 500 | - |
| | mg/L | ATP-2-S | WL, PZ | 04/21/2005 | 0001 | 36.00 - 36.00 | 6700 | FQ | # | 100 | - |
| | mg/L | CR1 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.80 | 90 | | # | 2.5 | - |
| | mg/L | CR3-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 81 | | # | 2.5 | - |
| | mg/L | CR5 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 2.00 | 81 | | # | 2.5 | - |
| | mg/L | TP-02 | WL | 04/21/2005 | 0001 | 29.90 - 29.90 | 1100 | F | # | 25 | - |
| mg/L | TP-17 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 4600 | F | # | 500 | - | |
| mg/L | TP-18 | WL | 04/20/2005 | 0001 | 21.60 - 21.60 | 3800 | F | # | 500 | - | |
| mg/L | TP-19 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 4600 | F | # | 500 | - | |
| Temperature | C | 0201 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 10.52 | | # | - | - |
| | C | 0204-004 | SL, RIV | 04/21/2005 | N001 | 0.50 - 1.00 | 10.50 | | # | - | - |
| | C | 0217 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 14.28 | | # | - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: DATE | ID | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: LAB DATA QA | DETECTION LIMIT | UN-CERTAINTY |
|-------------|-------|-------------|-------------------|--------------|------|----------------------|--------|-------------------------|-----------------|--------------|
| Temperature | C | 0218-004 | SL, RIV | 04/21/2005 | N001 | 2.00 - 3.00 | 10.02 | | # - | - |
| | C | 0219-004 | SL, RIV | 04/19/2005 | N001 | 0.30 - 0.30 | 15.34 | | # - | - |
| | C | 0220-004 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.50 | 15.60 | | # - | - |
| | C | 0221-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 0.70 | 10.63 | | # - | - |
| | C | 0222-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 10.19 | | # - | - |
| | C | 0223-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 10.90 | | # - | - |
| | C | 0224-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 11.86 | | # - | - |
| | C | 0225-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 10.58 | | # - | - |
| | C | 0226-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 10.33 | | # - | - |
| | C | 0227-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 10.38 | | # - | - |
| | C | 0228-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 9.91 | | # - | - |
| | C | 0232-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 10.32 | | # - | - |
| | C | 0233-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 10.30 | | # - | - |
| | C | 0234-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 2.00 | 10.84 | | # - | - |
| | C | 0401 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 10.69 | F | # - | - |
| | C | 0402 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 10.37 | F | # - | - |
| | C | 0403 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 12.34 | F | # - | - |
| | C | 0404 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 12.91 | F | # - | - |
| | C | 0405 | WL | 04/19/2005 | N001 | 18.00 - 18.00 | 16.94 | F | # - | - |
| | C | 0406 | WL | 04/19/2005 | N001 | 16.00 - 16.00 | 17.50 | F | # - | - |
| | C | 0407 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 12.88 | F | # - | - |
| | C | 0408 | WL | 04/20/2005 | N001 | 26.00 - 26.00 | 10.54 | F | # - | - |
| | C | 0437 | WL | 04/22/2005 | N001 | 97.00 - 97.00 | 15.33 | F | # - | - |
| | C | 0438 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 15.42 | F | # - | - |
| | C | 0439 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 14.54 | F | # - | - |
| | C | 0492 | WL | 04/20/2005 | N001 | 18.10 - 18.10 | 14.22 | F | # - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | DETECTION LIMIT | UN-CERTAINTY |
|------------------------|-------|-------------|-------------------|------------|------|----------------------|--------|-------------|------|----|-----------------|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | | |
| Temperature | C | ATP-2-D | WL, PZ | 04/21/2005 | N001 | 88.00 - 88.00 | 15.59 | F | # | - | - | |
| | C | ATP-2-S | WL, PZ | 04/21/2005 | N001 | 36.00 - 36.00 | 15.54 | FQ | # | - | - | |
| | C | CR1 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.80 | 15.59 | | # | - | - | |
| | C | CR3-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 10.81 | | # | - | - | |
| | C | CR5 | SL, RIV | 04/21/2005 | N001 | 1.00 - 2.00 | 11.54 | | # | - | - | |
| | C | TP-02 | WL | 04/21/2005 | N001 | 29.90 - 29.90 | 14.16 | F | # | - | - | |
| | C | TP-17 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 13.24 | F | # | - | - | |
| | C | TP-18 | WL | 04/20/2005 | N001 | 21.60 - 21.60 | 12.24 | F | # | - | - | |
| | C | TP-19 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 12.96 | F | # | - | - | |
| Total Dissolved Solids | mg/L | 0201 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 270 | | # | 20 | - | |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0001 | 0.50 - 1.00 | 250 | | # | 20 | - | |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0002 | 0.50 - 1.00 | 260 | | # | 20 | - | |
| | mg/L | 0217 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 280 | | # | 20 | - | |
| | mg/L | 0218-004 | SL, RIV | 04/21/2005 | 0001 | 2.00 - 3.00 | 270 | | # | 20 | - | |
| | mg/L | 0219-004 | SL, RIV | 04/19/2005 | 0001 | 0.30 - 0.30 | 300 | | # | 20 | - | |
| | mg/L | 0220-004 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.50 | 310 | | # | 20 | - | |
| | mg/L | 0221-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 0.70 | 320 | | # | 20 | - | |
| | mg/L | 0222-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 280 | | # | 20 | - | |
| | mg/L | 0223-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 260 | | # | 20 | - | |
| | mg/L | 0224-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 280 | | # | 20 | - | |
| | mg/L | 0225-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 280 | | # | 20 | - | |
| | mg/L | 0226-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 280 | | # | 20 | - | |
| | mg/L | 0227-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 280 | | # | 20 | - | |
| | mg/L | 0228-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 280 | | # | 20 | - | |
| | mg/L | 0232-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 280 | | # | 20 | - | |
| | mg/L | 0233-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 280 | | # | 20 | - | |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | UN-CERTAINTY |
|------------------------|-------|-------------|-------------------|------------|---------------|----------------------|--------|-------------|------|------|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | |
| Total Dissolved Solids | mg/L | 0234-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 2.00 | 260 | | # | 20 | - |
| | mg/L | 0401 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 500 | F | # | 20 | - |
| | mg/L | 0402 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 2300 | F | # | 40 | - |
| | mg/L | 0403 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 5900 | F | # | 200 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 14000 | F | # | 400 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0002 | 17.00 - 17.00 | 14000 | F | # | 400 | - |
| | mg/L | 0405 | WL | 04/19/2005 | 0001 | 18.00 - 18.00 | 12000 | F | # | 400 | - |
| | mg/L | 0406 | WL | 04/19/2005 | 0001 | 16.00 - 16.00 | 11000 | F | # | 400 | - |
| | mg/L | 0407 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 1700 | F | # | 40 | - |
| | mg/L | 0408 | WL | 04/20/2005 | 0001 | 26.00 - 26.00 | 690 | F | # | 20 | - |
| | mg/L | 0437 | WL | 04/22/2005 | 0001 | 97.00 - 97.00 | 8400 | F | # | 200 | - |
| | mg/L | 0438 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 7900 | F | # | 200 | - |
| | mg/L | 0439 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 7700 | F | # | 200 | - |
| | mg/L | 0492 | WL | 04/20/2005 | 0001 | 18.10 - 18.10 | 50000 | F | # | 1000 | - |
| | mg/L | ATP-2-D | WL, PZ | 04/21/2005 | 0001 | 88.00 - 88.00 | 94000 | F | # | 2000 | - |
| | mg/L | ATP-2-S | WL, PZ | 04/21/2005 | 0001 | 36.00 - 36.00 | 16000 | FQ | # | 400 | - |
| | mg/L | CR1 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.80 | 310 | | # | 20 | - |
| | mg/L | CR3-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 290 | | # | 20 | - |
| | mg/L | CR5 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 2.00 | 270 | | # | 20 | - |
| | mg/L | TP-02 | WL | 04/21/2005 | 0001 | 29.90 - 29.90 | 2800 | F | # | 80 | - |
| mg/L | TP-17 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 110000 | F | # | 2000 | - | |
| mg/L | TP-18 | WL | 04/20/2005 | 0001 | 21.60 - 21.60 | 80000 | F | # | 2000 | - | |
| mg/L | TP-19 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 110000 | F | # | 2000 | - | |
| Turbidity | NTU | 0201 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 2000 | > | # | - | - |
| | NTU | 0204-004 | SL, RIV | 04/21/2005 | N001 | 0.50 - 1.00 | 2000 | > | # | - | - |
| | NTU | 0217 | SL, RIV | 04/21/2005 | N001 | 1.00 - 1.00 | 2000 | > | # | - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | DETECTION LIMIT | UN-CERTAINTY |
|-----------|-------|-------------|-------------------|------------|------|----------------------|--------|-------------|------|----|-----------------|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | | |
| Turbidity | NTU | 0218-004 | SL, RIV | 04/21/2005 | N001 | 2.00 - 3.00 | 2000 | > | | # | - | - |
| | NTU | 0219-004 | SL, RIV | 04/19/2005 | N001 | 0.30 - 0.30 | 2000 | > | | # | - | - |
| | NTU | 0220-004 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.50 | 2000 | > | | # | - | - |
| | NTU | 0221-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 0.70 | 2000 | > | | # | - | - |
| | NTU | 0222-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 2000 | > | | # | - | - |
| | NTU | 0223-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 2000 | > | | # | - | - |
| | NTU | 0224-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 2000 | > | | # | - | - |
| | NTU | 0225-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 2000 | > | | # | - | - |
| | NTU | 0226-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 2000 | > | | # | - | - |
| | NTU | 0227-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 2000 | > | | # | - | - |
| | NTU | 0228-004 | SL, RIV | 04/20/2005 | N001 | 0.50 - 1.00 | 2000 | > | | # | - | - |
| | NTU | 0232-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 2000 | > | | # | - | - |
| | NTU | 0233-004 | SL, RIV | 04/20/2005 | N001 | 2.00 - 3.00 | 2000 | > | | # | - | - |
| | NTU | 0234-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 2.00 | 2000 | > | | # | - | - |
| | NTU | 0401 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 7.65 | | F | # | - | - |
| | NTU | 0402 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 1.12 | | F | # | - | - |
| | NTU | 0403 | WL | 04/20/2005 | N001 | 18.00 - 18.00 | 7.27 | | F | # | - | - |
| | NTU | 0404 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 2.85 | | F | # | - | - |
| | NTU | 0405 | WL | 04/19/2005 | N001 | 18.00 - 18.00 | 83.7 | | F | # | - | - |
| | NTU | 0407 | WL | 04/20/2005 | N001 | 17.00 - 17.00 | 1.99 | | F | # | - | - |
| | NTU | 0408 | WL | 04/20/2005 | N001 | 26.00 - 26.00 | 35.2 | | F | # | - | - |
| | NTU | 0437 | WL | 04/22/2005 | N001 | 97.00 - 97.00 | 10.2 | | F | # | - | - |
| | NTU | 0438 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 10.7 | | F | # | - | - |
| | NTU | 0439 | WL | 04/22/2005 | N001 | 118.00 - 118.00 | 9.07 | | F | # | - | - |
| | NTU | 0492 | WL | 04/20/2005 | N001 | 18.10 - 18.10 | 236 | | F | # | - | - |
| | NTU | ATP-2-D | WL, PZ | 04/21/2005 | N001 | 88.00 - 88.00 | 246 | | F | # | - | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | DETECTION LIMIT | UN-CERTAINTY |
|-----------|-------|-------------|-------------------|------------|------|----------------------|--------|-------------|------|----|-----------------|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | | |
| Turbidity | NTU | ATP-2-S | WL, PZ | 04/21/2005 | N001 | 36.00 - 36.00 | 10.2 | | FQ | # | - | - |
| | NTU | CR1 | SL, RIV | 04/19/2005 | N001 | 0.50 - 0.80 | 2000 | > | | # | - | - |
| | NTU | CR3-004 | SL, RIV | 04/20/2005 | N001 | 1.00 - 1.00 | 2000 | > | | # | - | - |
| | NTU | CR5 | SL, RIV | 04/21/2005 | N001 | 1.00 - 2.00 | 2000 | > | | # | - | - |
| | NTU | TP-02 | WL | 04/21/2005 | N001 | 29.90 - 29.90 | 41.5 | | F | # | - | - |
| | NTU | TP-17 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 26.2 | | F | # | - | - |
| | NTU | TP-18 | WL | 04/20/2005 | N001 | 21.60 - 21.60 | 13.2 | | F | # | - | - |
| | NTU | TP-19 | WL | 04/20/2005 | N001 | 29.50 - 29.50 | 124 | | F | # | - | - |
| Uranium | mg/L | 0201 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 0.0022 | | | # | 2.2E-06 | - |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0001 | 0.50 - 1.00 | 0.0024 | | | # | 2.2E-06 | - |
| | mg/L | 0204-004 | SL, RIV | 04/21/2005 | 0002 | 0.50 - 1.00 | 0.0024 | | | # | 2.2E-06 | - |
| | mg/L | 0217 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 1.00 | 0.0022 | | | # | 2.2E-06 | - |
| | mg/L | 0218-004 | SL, RIV | 04/21/2005 | 0001 | 2.00 - 3.00 | 0.0023 | | | # | 2.2E-06 | - |
| | mg/L | 0219-004 | SL, RIV | 04/19/2005 | 0001 | 0.30 - 0.30 | 0.0033 | | | # | 2.2E-06 | - |
| | mg/L | 0220-004 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.50 | 0.0037 | | | # | 2.2E-06 | - |
| | mg/L | 0221-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 0.70 | 0.0052 | | | # | 2.2E-06 | - |
| | mg/L | 0222-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 0.0032 | | | # | 2.2E-06 | - |
| | mg/L | 0223-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 0.003 | | | # | 2.2E-06 | - |
| | mg/L | 0224-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 0.0028 | | | # | 2.2E-06 | - |
| | mg/L | 0225-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 0.0027 | | | # | 2.2E-06 | - |
| | mg/L | 0226-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 0.0025 | | | # | 2.2E-06 | - |
| | mg/L | 0227-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 0.0026 | | | # | 2.2E-06 | - |
| | mg/L | 0228-004 | SL, RIV | 04/20/2005 | 0001 | 0.50 - 1.00 | 0.0026 | | | # | 2.2E-06 | - |
| | mg/L | 0232-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 0.0026 | | | # | 2.2E-06 | - |
| | mg/L | 0233-004 | SL, RIV | 04/20/2005 | 0001 | 2.00 - 3.00 | 0.0026 | | | # | 2.2E-06 | - |
| | mg/L | 0234-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 2.00 | 0.003 | | | # | 2.2E-06 | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: | | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: | | | UN-CERTAINTY |
|-----------|-------|-------------|-------------------|------------|------|----------------------|---------|-------------|------|---------|--------------|
| | | | | DATE | ID | | | LAB | DATA | QA | |
| Uranium | mg/L | 0401 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 0.018 | F | # | 2.2E-06 | - |
| | mg/L | 0402 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 0.130 | F | # | 1.1E-05 | - |
| | mg/L | 0403 | WL | 04/20/2005 | 0001 | 18.00 - 18.00 | 0.890 | F | # | 0.00022 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 2.500 | F | # | 0.00022 | - |
| | mg/L | 0404 | WL | 04/20/2005 | 0002 | 17.00 - 17.00 | 2.400 | F | # | 0.00022 | - |
| | mg/L | 0405 | WL | 04/19/2005 | 0001 | 18.00 - 18.00 | 1.400 | F | # | 0.00022 | - |
| | mg/L | 0406 | WL | 04/19/2005 | 0001 | 16.00 - 16.00 | 2.200 | F | # | 0.00022 | - |
| | mg/L | 0407 | WL | 04/20/2005 | 0001 | 17.00 - 17.00 | 0.270 | F | # | 1.1E-05 | - |
| | mg/L | 0408 | WL | 04/20/2005 | 0001 | 26.00 - 26.00 | 0.120 | F | # | 1.1E-05 | - |
| | mg/L | 0437 | WL | 04/22/2005 | 0001 | 97.00 - 97.00 | 3.700 | F | # | 0.00022 | - |
| | mg/L | 0438 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 0.140 | F | # | 1.1E-05 | - |
| | mg/L | 0439 | WL | 04/22/2005 | 0001 | 118.00 - 118.00 | 1.000 | F | # | 0.00011 | - |
| | mg/L | 0492 | WL | 04/20/2005 | 0001 | 18.10 - 18.10 | 6.000 | F | # | 0.00022 | - |
| | mg/L | ATP-2-D | WL, PZ | 04/21/2005 | 0001 | 88.00 - 88.00 | 0.032 | F | # | 2.2E-06 | - |
| | mg/L | ATP-2-S | WL, PZ | 04/21/2005 | 0001 | 36.00 - 36.00 | 1.400 | FQ | # | 0.00022 | - |
| | mg/L | CR1 | SL, RIV | 04/19/2005 | 0001 | 0.50 - 0.80 | 0.0035 | | # | 2.2E-06 | - |
| | mg/L | CR3-004 | SL, RIV | 04/20/2005 | 0001 | 1.00 - 1.00 | 0.0027 | | # | 2.2E-06 | - |
| | mg/L | CR5 | SL, RIV | 04/21/2005 | 0001 | 1.00 - 2.00 | 0.0022 | | # | 2.2E-06 | - |
| | mg/L | TP-02 | WL | 04/21/2005 | 0001 | 29.90 - 29.90 | 9.600 | F | # | 0.00022 | - |
| | mg/L | TP-17 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 0.013 | F | # | 2.2E-06 | - |
| | mg/L | TP-18 | WL | 04/20/2005 | 0001 | 21.60 - 21.60 | 0.018 | F | # | 2.2E-06 | - |
| | mg/L | TP-19 | WL | 04/20/2005 | 0001 | 29.50 - 29.50 | 0.00013 | UF | # | 2.2E-06 | - |

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site

REPORT DATE: 8/19/2005 10:42 am

| PARAMETER | UNITS | LOCATION ID | LOC TYPE, SUBTYPE | SAMPLE: DATE | ID | DEPTH RANGE (FT BLS) | RESULT | QUALIFIERS: LAB DATA QA | DETECTION LIMIT | UN-CERTAINTY |
|-----------|-------|-------------|-------------------|--------------|----|----------------------|--------|-------------------------|-----------------|--------------|
|-----------|-------|-------------|-------------------|--------------|----|----------------------|--------|-------------------------|-----------------|--------------|

RECORDS: SELECTED FROM USEE200 WHERE site_code='MOA01' AND quality_assurance = TRUE AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND DATE_SAMPLED between #4/19/2005# and #4/22/2005#

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: SL SURFACE LOCATION WL WELL

LOCATION SUBTYPES: PZ Piezometer RIV River

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- > Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- | | | |
|--|--|--------------------|
| F Low flow sampling method used. | G Possible grout contamination, pH > 9. | J Estimated value. |
| L Less than 3 bore volumes purged prior to sampling. | Q Qualitative result due to sampling technique | R Unusable result. |
| U Parameter analyzed for but was not detected. | X Location is undefined. | |

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

Water Level Data

STATIC WATER LEVELS (USEE700) FOR SITE MOA01, Moab Site
 REPORT DATE: 8/19/2005 10:42 am

| LOCATION CODE | FLOW CODE | TOP OF CASING ELEVATION (FT) | MEASUREMENT | | DEPTH FROM TOP OF CASING (FT) | WATER ELEVATION (FT) | WATER LEVEL FLAG |
|---------------|-----------|------------------------------|-------------|-------|-------------------------------|----------------------|------------------|
| | | | DATE | TIME | | | |
| 0401 | O | 3969.60 | 04/20/2005 | 09:15 | 13.95 | 3955.65 | |
| 0402 | O | 3968.63 | 04/20/2005 | 10:27 | 13.10 | 3955.53 | |
| 0403 | O | 3968.95 | 04/20/2005 | 13:11 | 13.40 | 3955.55 | |
| 0404 | O | 3968.30 | 04/20/2005 | 08:10 | 12.39 | 3955.91 | |
| 0405 | O | 3968.47 | 04/19/2005 | 16:55 | 12.11 | 3956.36 | |
| 0406 | O | 3969.91 | 04/19/2005 | 15:42 | 13.56 | 3956.35 | |
| 0407 | O | 3969.09 | 04/20/2005 | 14:03 | 13.72 | 3955.37 | |
| 0408 | O | 3969.17 | 04/20/2005 | 09:35 | 13.33 | 3955.84 | |
| 0437 | O | 4048.25 | 04/22/2005 | 08:55 | 89.59 | 3958.66 | |
| 0438 | O | 4054.22 | 04/22/2005 | 09:40 | 96.69 | 3957.53 | |
| 0439 | O | 4055.27 | 04/22/2005 | 10:28 | 97.66 | 3957.61 | |
| 0492 | | - | 04/20/2005 | 15:19 | 12.98 | -12.98 | |
| ATP-2-D | O | 3967.05 | 04/21/2005 | 11:25 | 13.41 | 3953.64 | |
| ATP-2-S | O | 3967.04 | 04/21/2005 | 11:07 | 11.11 | 3955.93 | |
| TP-02 | O | 3975.55 | 04/21/2005 | 09:02 | 18.64 | 3956.91 | |
| TP-17 | D | 3963.69 | 04/20/2005 | 16:31 | 10.19 | 3953.50 | |
| TP-18 | D | 3963.63 | 04/20/2005 | 17:22 | 9.05 | 3954.58 | |
| TP-19 | D | 3962.17 | 04/20/2005 | 18:30 | 7.38 | 3954.79 | |

RECORDS: SELECTED FROM USEE700 WHERE site_code='MOA01' AND LOG_DATE between #4/19/2005# and #4/22/2005#

FLOW CODES: D DOWN GRADIENT O ON-SITE

WATER LEVEL FLAGS:

Blanks Report

BLANKS REPORT

LAB CODE: PAR, PARAGON (Fort Collins, CO)

LAB REQUISITION(S): 05030172

REPORT DATE: 08/19/05 10:33:21: AM

| PARAMETER | SITE CODE | LOCATION ID | SAMPLE DATE | SAMPLE ID | UNITS | RESULT | QUALIFIERS LAB DATA | DETECTION LIMIT | UNCERTAINTY | SAMPLE TYPE |
|------------------------|-----------|-------------|-------------|-----------|-------|----------|---------------------|-----------------|-------------|-------------|
| Ammonia Total as N | MOA01 | 0999 | 04/21/2005 | 0002 | mg/L | 0.1 | U | 0.1 | | E |
| Chloride | MOA01 | 0999 | 04/21/2005 | 0002 | mg/L | 0.2 | U | 0.2 | | E |
| Sulfate | MOA01 | 0999 | 04/21/2005 | 0002 | mg/L | 0.5 | U | 0.5 | | E |
| Total Dissolved Solids | MOA01 | 0999 | 04/21/2005 | 0002 | mg/L | 20 | U | 20 | | E |
| Uranium | MOA01 | 0999 | 04/21/2005 | 0002 | mg/L | 0.000066 | B U | 0.000022 | | E |

BLANKS REPORT

LAB CODE: PAR, PARAGON (Fort Collins, CO)

LAB REQUISITION(S): 05030172

REPORT DATE: 08/19/05 10:33:21: AM

| PARAMETER | SITE CODE | LOCATION ID | SAMPLE DATE | SAMPLE ID | UNITS | RESULT | QUALIFIERS LAB DATA | DETECTION LIMIT | UNCERTAINTY | SAMPLE TYPE |
|-----------|-----------|-------------|-------------|-----------|-------|--------|---------------------|-----------------|-------------|-------------|
|-----------|-----------|-------------|-------------|-----------|-------|--------|---------------------|-----------------|-------------|-------------|

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- L Less than 3 bore volumes purged prior to sampling.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- R Unusable result.
- Q Qualitative result due to sampling technique
- G Possible grout contamination, pH > 9.
- X Location is undefined.

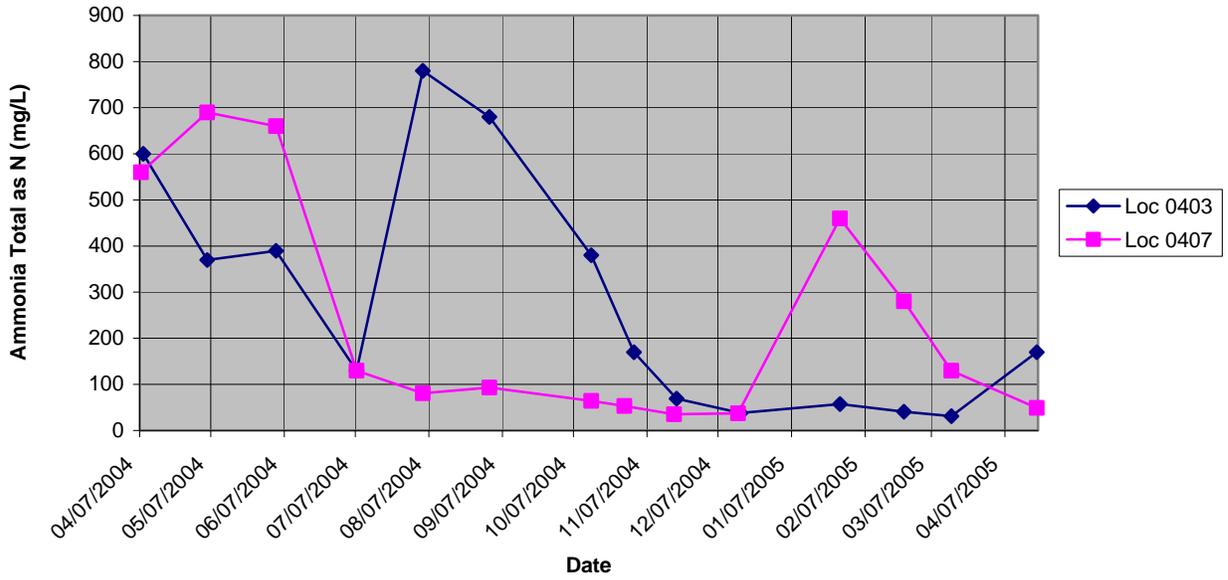
SAMPLE TYPES:

- E EQUIPMENT BLANK

Time versus Concentration Graphs

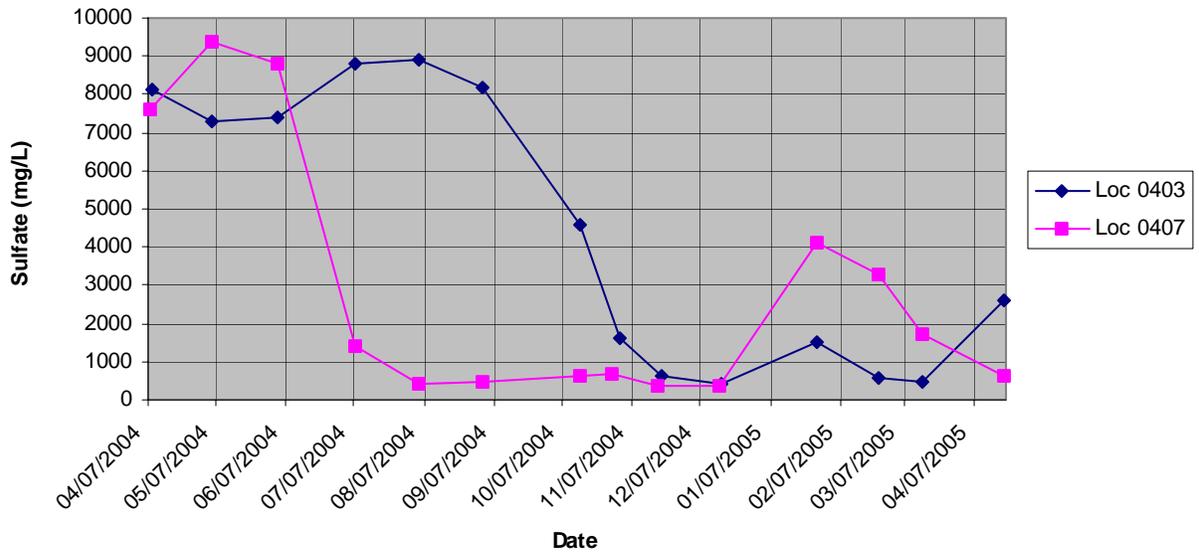
Moab Site (MOA01)

Ammonia Total as N Concentration



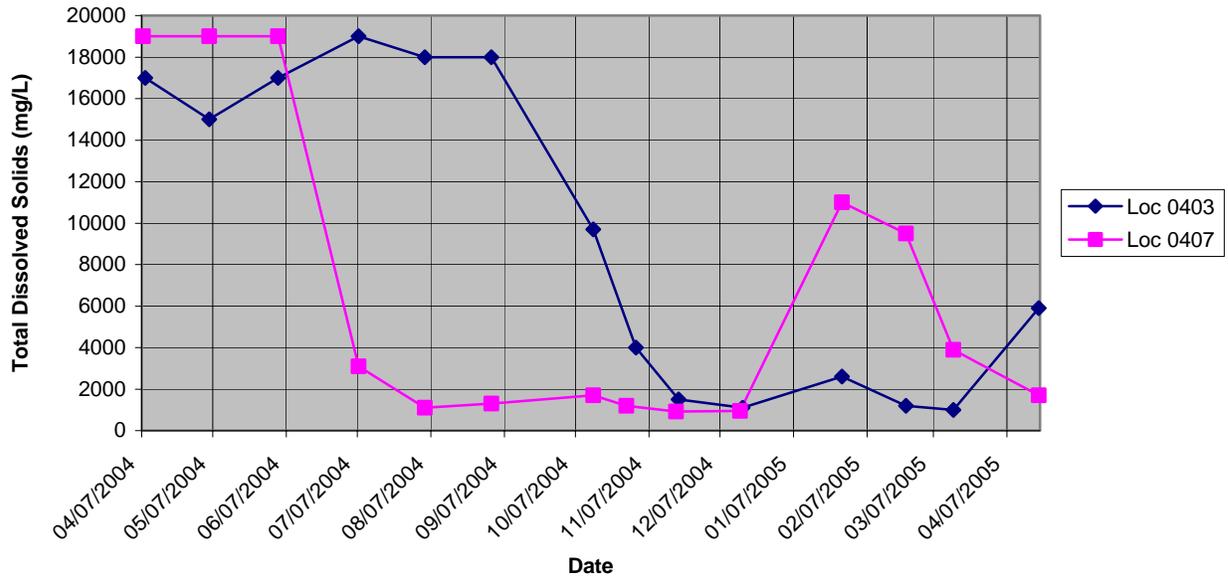
Moab Site (MOA01)

Sulfate Concentration



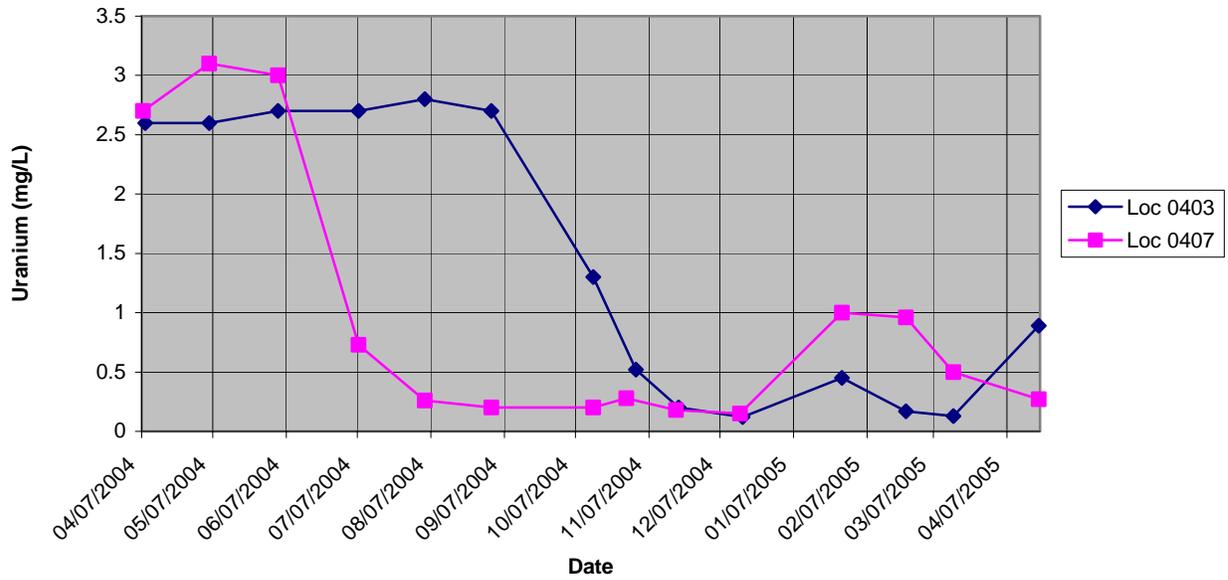
Moab Site (MOA01)

Total Dissolved Solids Concentration



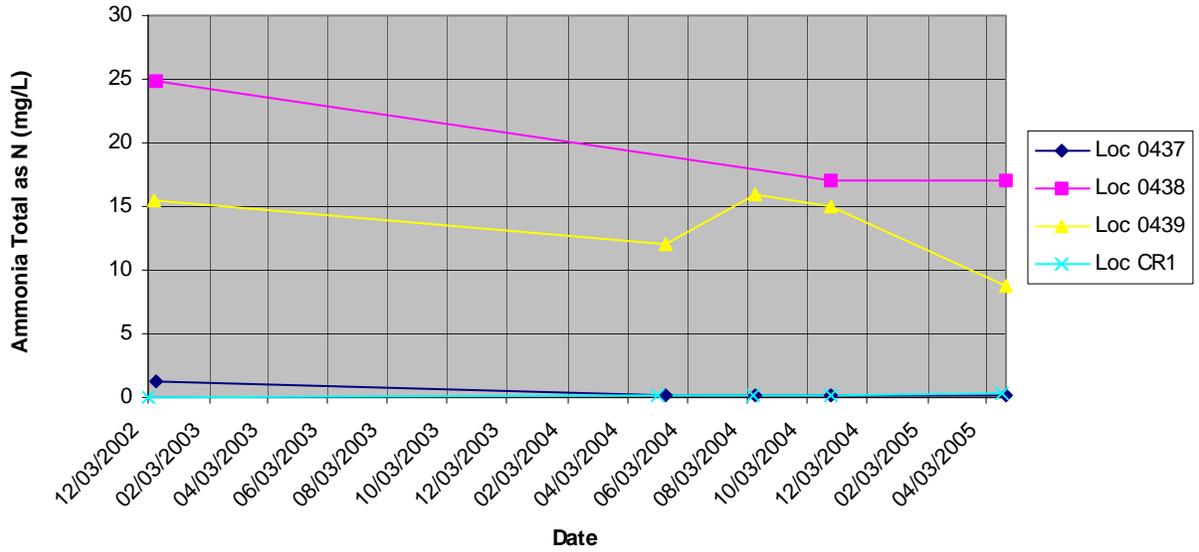
Moab Site (MOA01)

Uranium Concentration



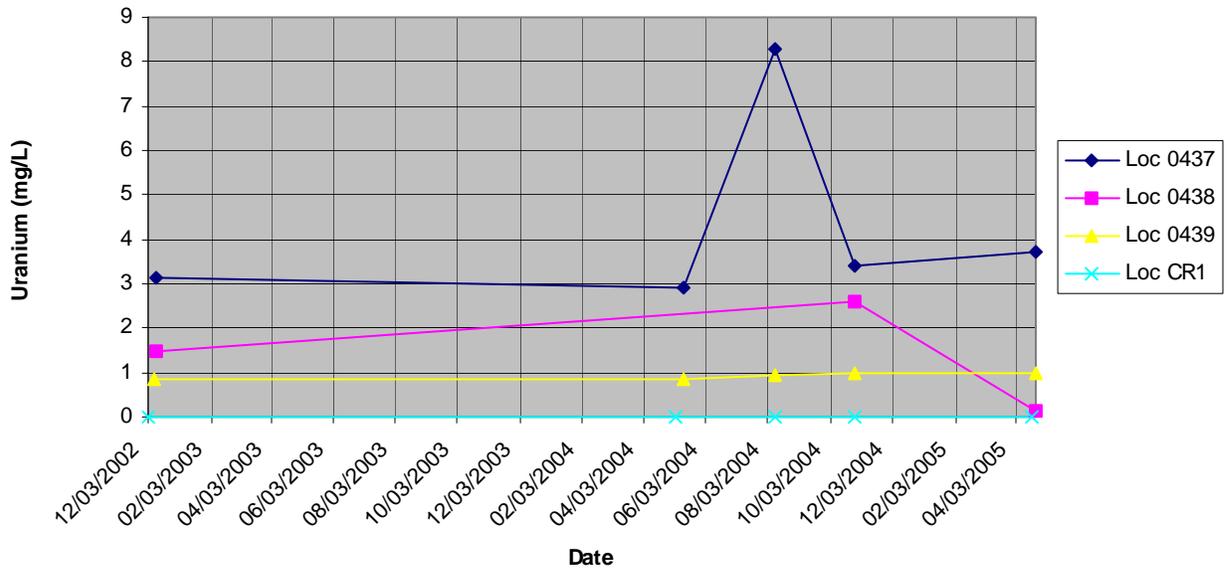
Moab Site (MOA01)

Ammonia Total as N Concentration



Moab Site (MOA01)

Uranium Concentration



Attachment 2

Trip Report

To: Ken E. Karp
From: K. G. Pill
Date: May 9, 2005
Subject: Trip Report

Site: Moab – Ground Water and Surface Water Sampling Event – April 2005

Date of Sampling Event: April 19 through 22, 2005.

Team Members: K. Pill and E. Bettez

Number of Locations Sampled: 18 monitoring wells, 20 surface water locations, 2 duplicates, and 1 equipment blank, for a total of **41** samples.

Locations Not Sampled/Reason: The river stage during this sampling event was much higher compared to previous events; as a result, all surface water sampling was limited to the base of the river bank (i.e., no habitat or opportunistic samples were collected).

Unfortunately a sufficient number of equipment blanks were not collected during this event. With the IA April 2005 sampling event completed the following week, a second equipment blank was collected prior to any IA sampling (i.e., after the final ground water location of the routine event, which was well ATP-2-D) to make up for this deficiency. Refer to sample location number 2785 (ticket number NDY165) from RIN 05040184 to apply to this event.

Field Variance: Only a 125 ml sample was collected for uranium analysis as opposed to the standard 500 ml sample volume.

Quality Control Sample Cross Reference: Following are the false identifications assigned to the quality control samples:

| False ID | True ID | Sample Type | Associated Matrix | Ticket Number |
|----------|-----------|----------------------|-------------------|---------------|
| 2842 | 404 | Duplicate | Ground water | NDY 422 |
| 2843 | 0204-004 | Duplicate | Surface water | NDV 046 |
| 2844 | After 217 | Equipment Blank – SW | DI Water | NDY 159 |

RIN Number Assigned: All samples were assigned to RIN **05030172**.

Sample Shipment: Two coolers were shipped overnight FEDEX to Paragon Analytics, Inc. from Moab, Utah, on April 21, 2005 (Airbill Nos. 8473 2967 6590 and 8473 2967 6605). A third cooler also was shipped overnight FEDEX (for Saturday delivery) to Paragon Analytics, Inc. from Moab on April 22, 2005 (Airbill No. 8473 2967 6373).

Location Specific Information: Wells 0437, 0438, and 0439 were sampled using dedicated bladder pumps. All other monitoring wells were sampled using a peristaltic pump and dedicated tubing. Each surface water sample was collected using a peristaltic pump and hose reel. The table below provides additional information:

| Sample ID | Location | Date | Sample Depth | Comments |
|-----------|-------------|---------|-------------------|---|
| NDY 416 | SW CR1-004 | 4/19/05 | 0.5 to 0.8 ft bws | Sample collected off northern (upstream) end of concrete boat ramp, ~ 5 ft off shore, high flow, very turbid. |
| NDY 417 | 0406 | 4/19/05 | 16 ft bgs | Intake pulled 2 ft off bottom |
| NDY 418 | SW 0219-004 | 4/19/05 | 0.3 ft bws | Collocated with 0406. Sample collected from river side channel 5 to 10 ft wide that is connected to main channel in upstream and downstream directions, ~ 2 ft off shore, low flow, very turbid. |
| NDY 419 | 0405 | 4/19/05 | 18 ft bgs | Intake pulled 2 ft off bottom |
| NDY 420 | SW 0220-004 | 4/19/05 | 0.5 ft bws | Collocated with 0405. Sample collected from river side channel that is connected to main channel in upstream and downstream directions, ~ 5 ft off shore, low flow, very turbid. |
| NDY 421 | 0404 | 4/20/05 | 17 ft bgs | Intake pulled 1.7 ft off bottom |
| NDY 423 | SW 0221-004 | 4/20/05 | 0.5 to 0.7 ft bws | Collocated with 0404. Sample collected at base of bank, ~ 5 ft off shore, low flow, very turbid. No distinct side channel. |
| NDY 424 | 0401 | 4/20/05 | 18 ft bgs | Intake pulled 1.0 ft off bottom |
| NDY 425 | 0408 | 4/20/05 | 26 ft bgs | Intake pulled 1.7 ft off bottom. Slight sheen noticed in purge water. |
| NDV 026 | SW 0222-004 | 4/20/05 | 1 ft bws | Collocated with 0401 and 0408. Sample collected at base of bank, ~ 5 ft off shore, very low flow, very turbid. No distinct side channel, lot of debris (woody fragments) in vicinity. |
| NDV 027 | 0402 | 4/20/05 | 17 ft bgs | Intake pulled 1.1 ft off bottom |
| NDV 028 | SW 0223-004 | 4/20/05 | 1 ft bws | Collocated with 0402. Sample collected at base of bank, ~ 5 ft off shore in side channel connected to main channel in both upstream and downstream directions, very low flow, very turbid, lot of debris (woody fragments) in vicinity. |
| NDV 029 | SW 0234-004 | 4/20/05 | 1 to 2 ft bws | Collocated with 0402 and 0223. Sample collected from same location as 0223, but from ~ 20 ft off shore, low flow, very turbid. |
| NDV 030 | 0403 | 4/20/05 | 18 ft bgs | Intake pulled 1 ft off bottom (same as monthly) |
| NDV 031 | SW 0224-004 | 4/20/05 | 0.5 to 1 ft bws | Collocated with 0403. Sample collected at base of bank, ~ 5 ft off shore in side channel connected to main channel in both upstream and downstream directions, low flow, very turbid. |
| NDV 032 | 0407 | 4/20/05 | 17 ft bgs | As sampled during monthly event |
| NDV 033 | SW 0225-004 | 4/20/05 | 1 ft bws | Collocated with 0407. Sample collected at base of bank, ~ 5 ft off shore in side channel connected to main channel in both upstream and downstream directions, moderate flow, very turbid. |
| NDV 034 | 0492 | 4/20/05 | 18.1 ft bgs | Intake pulled 2.1 ft off bottom, water has red-brown tint |

| Sample ID | Location | Date | Sample Depth | Comments |
|-----------|-------------|---------|-----------------|---|
| NDV 035 | SW CR3-004 | 4/20/05 | 1 ft bws | Collocated with 0492. Sample collected at base of bank, ~ 5 ft off shore in large side channel connected to main channel in both upstream and downstream directions, moderate flow, very turbid. |
| NDV 036 | SW 0233-004 | 4/20/05 | 2 to 3 ft bws | Collocated with 0492 and CR3. Sample collected at base of bank, same location as CR3, but collected from ~ 15 to 20 ft off shore, high flow, very turbid. |
| NDV 037 | TP-17 | 4/20/05 | 29.5 ft bgs | Intake pulled 2.2 ft off bottom |
| NDV 038 | SW 0226-004 | 4/20/05 | 0.5 to 1 ft bws | Collocated with TP-17. Sample collected at base of bank, ~ 5 ft off shore off downstream end of large side channel connected to main channel in both upstream and downstream directions, low flow, very turbid. |
| NDV 039 | TP-18 | 4/20/05 | 21.6 ft bgs | Intake pulled 2.1 ft off bottom |
| NDV 040 | SW 0227-004 | 4/20/05 | 0.5 to 1 ft bws | Collocated with TP-18. Sample collected at base of bank, ~ 2 ft off shore of main channel, moderate flow, very turbid. |
| NDV 041 | SW 0232-004 | 4/20/05 | 2 to 3 ft bws | Collocated with TP-18 and 0227. Sample collected at base of bank, same location as 0227 except collected ~ 20 ft off shore of main channel, high flow, very turbid. |
| NDV 042 | TP-19 | 4/20/05 | 29.5 ft bgs | Intake 2.4 ft off bottom, water w/ strong sulfur odor |
| NDV 043 | SW 0228-004 | 4/20/05 | 0.5 to 1 ft bws | Collocated with TP-19. Sample collected at base of bank, ~ 2 ft off shore of main channel, low flow, very turbid. |
| NDV 044 | TP-02 | 4/21/05 | 29.9 | Intake pulled 2.0 ft off bottom |
| NDV 045 | SW 0204-004 | 4/21/05 | 0.5 to 1 ft bws | Collocated with TP-02. Sample collected at base of bank, ~ 2 ft off shore of main channel, low flow (upstream at times), very turbid. |
| NDV 047 | SW 0218-004 | 4/21/05 | 2 to 3 ft bws | Collocated with TP-02 and 0204. Sample collected at base of bank, same location as 0204 except ~ 10 to 15 ft off shore in main channel, high flow, very turbid. |
| NDV 048 | ATP-2-S | 4/21/05 | 36 ft bgs | Intake pulled 2.0 ft off bottom |
| NDV 049 | ATP-2-D | 4/21/05 | 88 ft bgs | Intake pulled 2.0 ft off bottom |
| NDV 050 | SW 0217-004 | 4/21/05 | 1 ft bws | Sample collected at different location compared to previous sampling events due to high water in wetlands area. Collected ~ 5 ft off shore near downstream end of significant side channel, high flow, very turbid. |
| NDY 160 | SW CR5-004 | 4/21/05 | 1 to 2 ft bws | Sample collected at base of bank, ~ 2 to 3 ft off shore in main channel, moderate flow, very turbid. |
| NDY 161 | SW 0201-004 | 4/21/05 | 1 ft bws | Sample collected at base of bank, ~ 5 ft off shore in main channel, low flow, very turbid. |
| NDY 162 | 0437 | 4/22/05 | 97 ft bgs | Sampled using dedicated bladder pump |
| NDY 163 | 0438 | 4/22/05 | 118 ft bgs | Sampled using dedicated bladder pump |
| NDY 164 | 0439 | 4/22/05 | 118 ft bgs | Sampled using dedicated bladder pump |

Notes: ft bws = feet below water surface; ft bgs = feet below ground surface

GPS data were collected from each surface water locations with the exception of 0201, which is located in the narrow downstream canyon and did not have adequate satellite coverage to collect the required data. Photographs were taken at each surface water location; these are stored under G:\Sites\UT\Moab\Images\2005\20050422_Pill_AprilRoutineSampling. The majority of these photographs are attached to this trip report.

Water Level Measurements: Water level data are provided in the table below. These data represent depth to water (ft btoc) measurements.

| Well No. | Date | Time | Depth to Water (ft btoc) |
|----------|---------|-------|--------------------------|
| ATP-2-S | 4/21/05 | 11:07 | 11.11 |
| ATP-2-D | 4/21/05 | 11:25 | 13.41 |
| 0401 | 4/20/05 | 9:15 | 13.95 |
| 0402 | 4/20/05 | 10:27 | 13.10 |
| 0403 | 4/20/05 | 13:11 | 13.40 |
| 0404 | 4/20/05 | 8:10 | 12.39 |
| 0405 | 4/19/05 | 16:55 | 12.11 |
| 0406 | 4/19/05 | 15:42 | 13.56 |
| 0407 | 4/20/05 | 14:03 | 13.72 |
| 0408 | 4/20/05 | 9:35 | 13.33 |
| 0437 | 4/22/05 | 8:55 | 89.59 |
| 0438 | 4/22/05 | 9:40 | 96.69 |
| 0439 | 4/22/05 | 10:28 | 97.66 |
| 0492 | 4/20/05 | 15:19 | 12.98 |
| TP-02 | 4/21/05 | 9:02 | 18.64 |
| TP-17 | 4/20/05 | 16:31 | 10.19 |
| TP-18 | 4/20/05 | 17:22 | 9.05 |
| TP-19 | 4/20/05 | 18:30 | 7.38 |

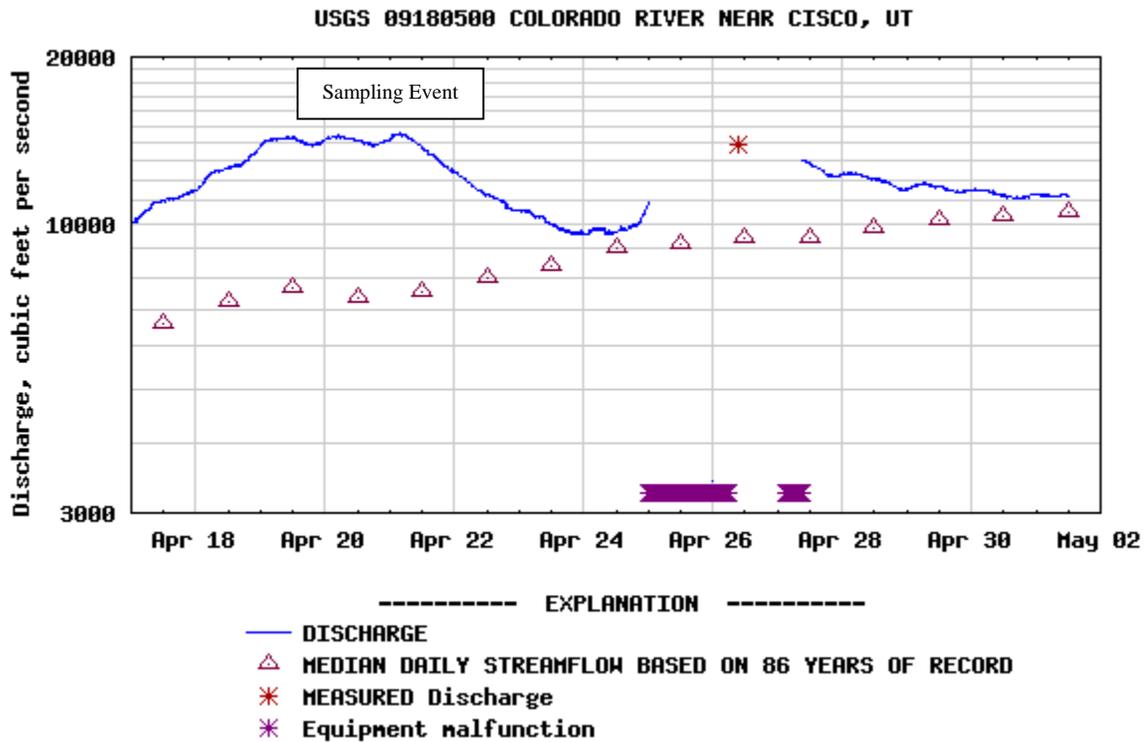
Well Inspection Summary: Well inspections were conducted at all sampled wells; all wells were in good condition.

Equipment: The dissolved oxygen probe membrane had to be replaced during this sampling event after providing erroneous readings from locations 0224-004 and 0407. The dissolved oxygen data collected from these locations is not considered to be valid.

Regulatory: None.

Site Issues: According to the USGS Cisco Gaging Station (Station No. 09180500), the mean daily Colorado River flows during the sampling event were as follows:

| Date | Gage height, feet (Daily Mean) | Stream-flow (ft ³ /s) (Daily Mean) |
|------------|--------------------------------|---|
| 04/17/2005 | 5.67 | 10,900 |
| 04/18/2005 | 6.28 | 12,600 |
| 04/19/2005 | 6.78 | 14,100 |
| 04/20/2005 | 6.80 | 14,200 |
| 04/21/2005 | 6.64 | 13,700 |
| 04/22/2005 | 5.87 | 11,400 |
| 04/23/2005 | 5.39 | 10,000 |
| 04/24/2005 | 5.33 | 9,830 |



Corrective Action Required/Taken: None

(KGP/lcg)

cc: J. D. Berwick, DOE-EM (e)
D. R. Metzler, DOE-EM
C. I. Bahrke, Stoller (e)
L. E. Cummins, Stoller (e)
S. E. Donovan, Stoller (e)
L. M. Edwards, Stoller (e)
S. D. Lyon, Stoller (e)
K. E. Miller, Stoller
K. G. Pill, Stoller (e)
J. E. Price, Stoller (e)



Location 0201



Locations 0204 and 0218



Location 0217 (looking north)



Location 0219



Location 0220



Location 0221



Location 0222



Locations 0223 and 0234



Location 0224



Location 0225



Location 0226



Locations 0227 and 0232



Location 0228



Location CR1



Locations CR3 and 0238



Location CR5