

## ERRATA

Data regarding well PW-02 was inadvertently omitted from the first paragraph of the Executive Summary on page 3 of the *June 2006 Water Sampling Validation Data Package for Performance Assessment of the Monthly Sampling for the Ground Water Interim Action Moab, Utah*, document number DOE-EM/GJ1318-2006.

This document was revised on October 10, 2006, to include the well PW-02 data. A copy of the revised paragraph is shown below, with the new information underlined:

"During the month of June, the average Configuration 1 ground water extraction rate was 33.9 gallons per minute (gpm), the average rate for well PW-02 was 25.6 gpm, and the average combined total extraction rate for Configurations 2 and 3 was 54.2 gpm. As a result, the Interim Action well field total ground water extraction average pumping rate was 113.7 gpm during this time period."

*Office of Environmental Management – Grand Junction*



June 2006 Water Sampling

**Validation Data Package  
for Performance Assessment of  
the Monthly Sampling for the  
Ground Water Interim Action  
Moab, Utah**

September 2006



U.S. Department  
of Energy

**Office of Environmental Management**

**June 2006 Water Sampling**

**Validation Data Package  
for Performance Assessment of  
the Monthly Sampling for the  
Ground Water Interim Action  
Moab, Utah**

September 2006

# Moab, Utah

June 2006

## Data Package Contents

This data package includes the following information:

<u>Item No.</u>	<u>Description of Contents</u>
1.	<b>Sampling Event Summary</b>
2.	<b>Sample Location Maps</b>
3.	<b>Data Assessment Summary</b>
	Water Sampling Field Activities Verification Checklist
	Laboratory Performance Assessment
	Field Analyses/Activities
	Certification

### **Attachment 1—Data Presentation**

Minimums and Maximums Report  
Anomalous Data Review Checksheet  
Water Quality Data  
Water Level Data  
Blanks Report  
Time Versus Concentration Graphs

### **Attachment 2—Trip Reports**

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## **Sampling Event Summary**

**Site:** Moab, Utah

**Sampling Period:** June 5–19, 2006

The purpose of this sampling was to collect data that can be used to evaluate the performance of all configurations of the Interim Action well field.

### Executive Summary

During the month of June, the average Configuration 1 ground water extraction rate was 33.9 gallons per minute (gpm), the average rate for well PW-02 was 25.6 gpm, and the average combined total extraction rate for Configurations 2 and 3 was 54.2 gpm. As a result, the Interim Action well field total ground water extraction average pumping rate was 113.7 gpm during this time period.

A summary of the June monthly operational data for the interim action ground water remediation system and cumulative to date is presented below.

<b>Interim Action Well Field</b>	
Total feed volume to sprinklers this month:	6,061,029 gallons (gal)
Total feed volume to sprinklers cumulative to date:	45,702,267 gal
Total feed volume to pond this month:	5,050,659 gal
Total feed volume to pond cumulative to date:	48,436,285 gal
Ammonia removed this month:	8,986 kilograms (kg)
Ammonia removed cumulative to date:	113,092 kg
Uranium removed this month:	49.7 kg
Uranium removed cumulative to date:	448 kg

Time versus concentration graphs for selected key performance indicator wells and major contaminants of concern are included. Data presented in these graphs indicate that contaminant concentrations generally remain at expected levels. Ammonia and uranium concentrations have generally stabilized, and a few wells show a notable change from the May 2006 and earlier sampling events. Observation well 0688, associated with Configuration 3, has shown increasing ammonia concentrations since March 2006. However, this well is screened in the deeper ground water zone which is not typically affected by the Interim Action well field. Observation well 0405 associated with the Baseline Area showed a slight increase in uranium concentrations. Increasing concentrations have been measured at this well since March, but two other Baseline Area wells (0488 and 0489) that were noted last month with a similar increase have now shown a decrease in uranium concentrations. Those two wells represent the deeper ground water zone than well 0405.

Observation well 0408, upgradient to Configuration 2, showed a marked increase in uranium concentration (4 milligrams per liter [mg/L]) in May from previous months. This well showed a slight decrease in uranium this month, and it will continue to be monitored. Well 0408 is approximately 30 feet (ft) in depth and is representative of the intermediate ground water zone. In contrast, well 0585, which is downgradient to Configuration 2 and sampled at 18 ft in depth, had a uranium concentration of 1.1 mg/L.

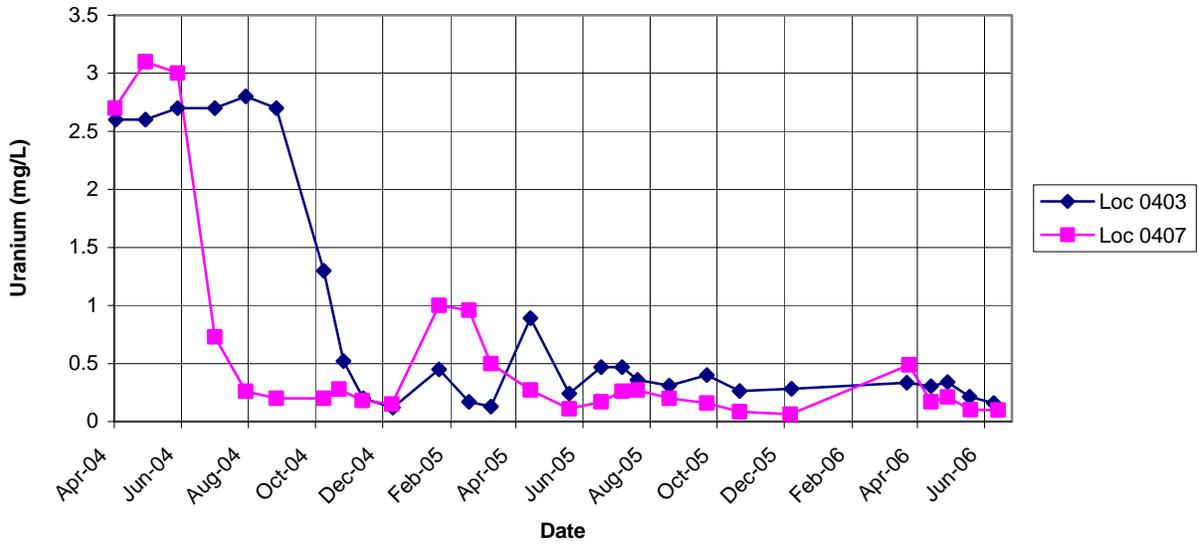
Well 0408, along with the other locations mentioned in this summary, will continue to be sampled in upcoming monthly events, and the results will be evaluated to ascertain whether the recent increases are a notable trend or just periodic anomalies.

Two wells (0557 and 0558) associated with Configuration 1 are also noted with a slight increase in uranium concentrations, but the recent concentrations (approximately 3 mg/L) still are within range of historical average. These two wells are sampled from the deeper ground water zone beneath the site. Typically, this zone is not affected by the Interim Action well field.

Wells 0403 and 0407, which are 18 and 17 feet deep (shallow ground water zone), respectively, have been affected by the remedial actions of the Configuration 1 well field, and time versus concentration graphs for these two wells are provided below for illustration.

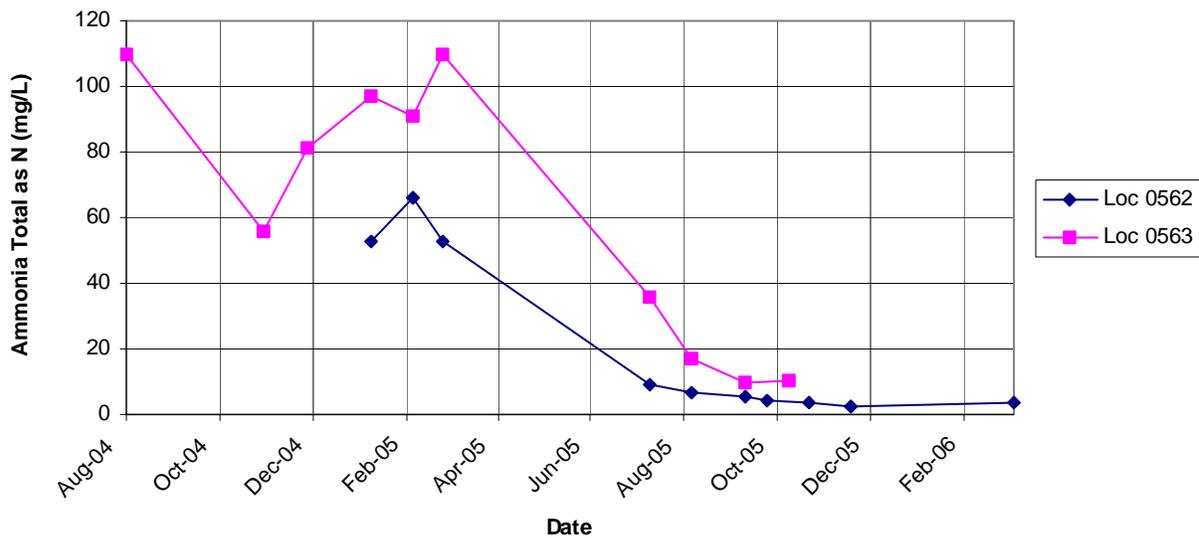


**Moab Site  
Configuration 1 Observation Wells  
Uranium Concentration**

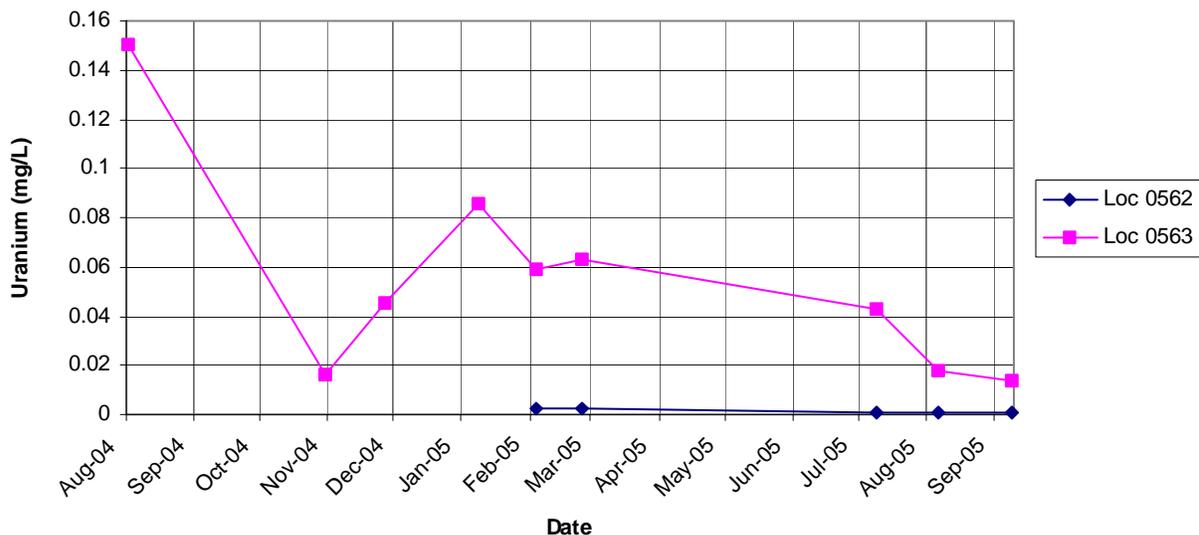


Riverbed piezometers were not sampled again this month due to the continued high stage of the Colorado River caused by spring runoff. However, time versus concentration graphs for selected piezometers downgradient to the Interim Action well field illustrate the contaminant reductions for major contaminants of concern, such as ammonia and uranium. Graphs for piezometers 0562 and 0563, which are associated with the Configuration 1 area, are also provided below for illustration.

**Moab Site  
Configuration 1 Piezometers  
Ammonia Total as N**



**Moab Site  
Configuration 1 Piezometers  
Uranium**



The data validations indicate that the data meet the quality control criteria specified for this project. No significant discrepancies were noted regarding sample shipping and receiving, preservation and holding times, instrument calibration, method blanks, or matrix spikes, etc., except as qualified.

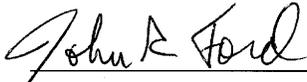
### Sampling and Analysis

Sampling and analysis were conducted in accordance with the *Operations, Maintenance, and Performance Monitoring Plan for the Interim Action Ground Water Treatment System, March 2005*. Although not listed here, the normal set of locations were sampled. Please refer to the attached trip reports for specific sampled locations and an explanation of why some locations were not sampled, such as high river conditions.

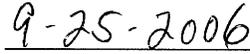
According to the United States Geological Survey (USGS) Cisco Gaging Station, the mean daily Colorado River flow rates varied between 7,980 and 12,600 cubic ft per second during this sampling period

There were 18 locations with anomalous data points. All were low except for wells 0602 (total dissolved solids [TDS] and uranium) and 0688 (chloride and TDS). Well 0602 is associated with Configuration 2, and well 0688 is associated with Configuration 3. These wells are located either within or downgradient of the extraction/injection well field. While the uranium value (4.4 mg/L) is elevated compared to the historic maximum for well 0602, it is not above values detected

historically in nearby wells. The high TDS and uranium concentrations in well 0602 appear to be a result of upconing of the brine due to extraction. This well and the other (0688) with anomalous high values will continue to be monitored in future sampling events, and a determination can then be made whether these values represent a trend or are just sporadic.



John R. Ford  
Ground Water Lead



Date

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## **Sample Location Maps**

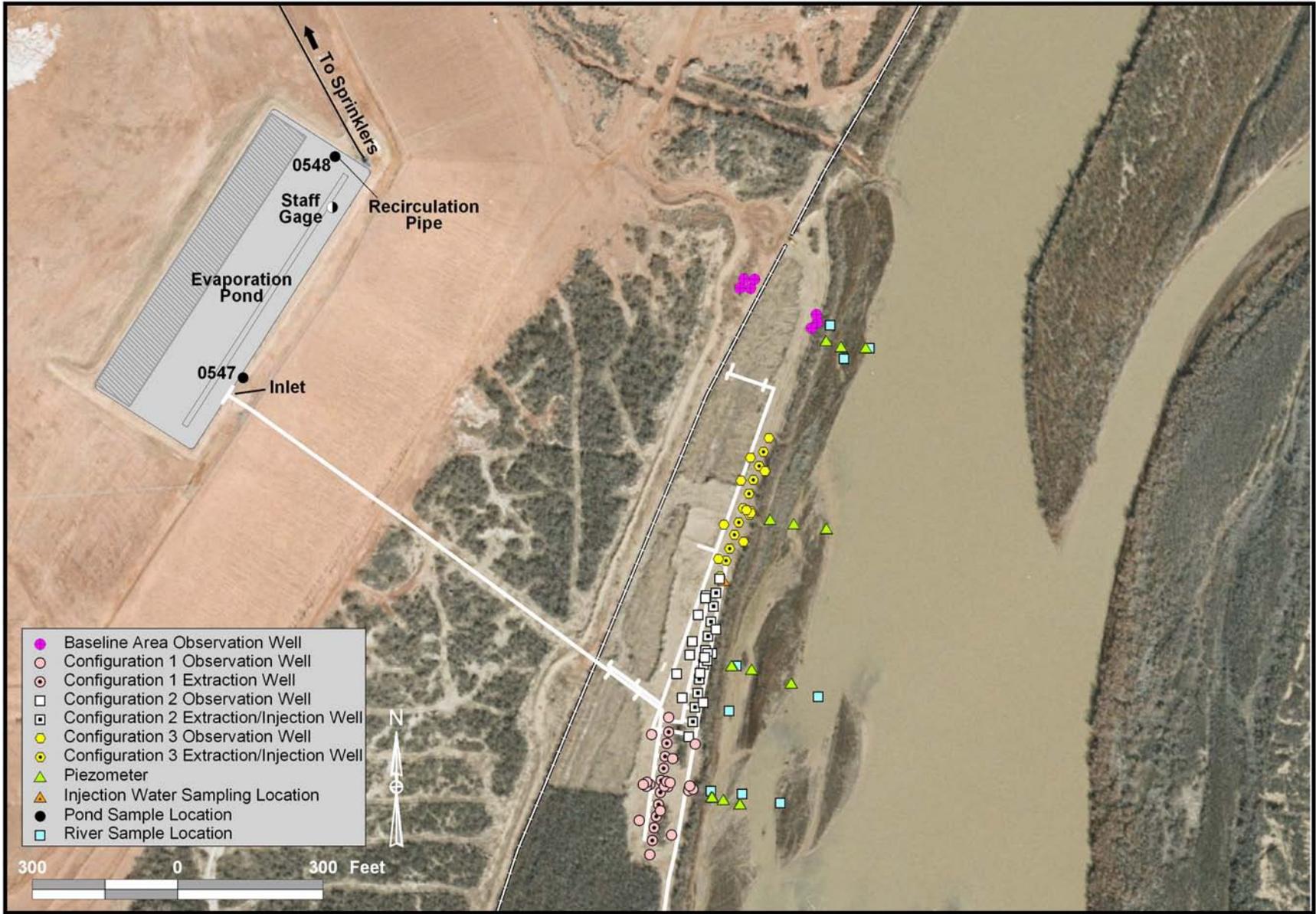


Figure 1. Sample Locations at the Interim Action Well Field and Baseline Area (may include locations not sampled)

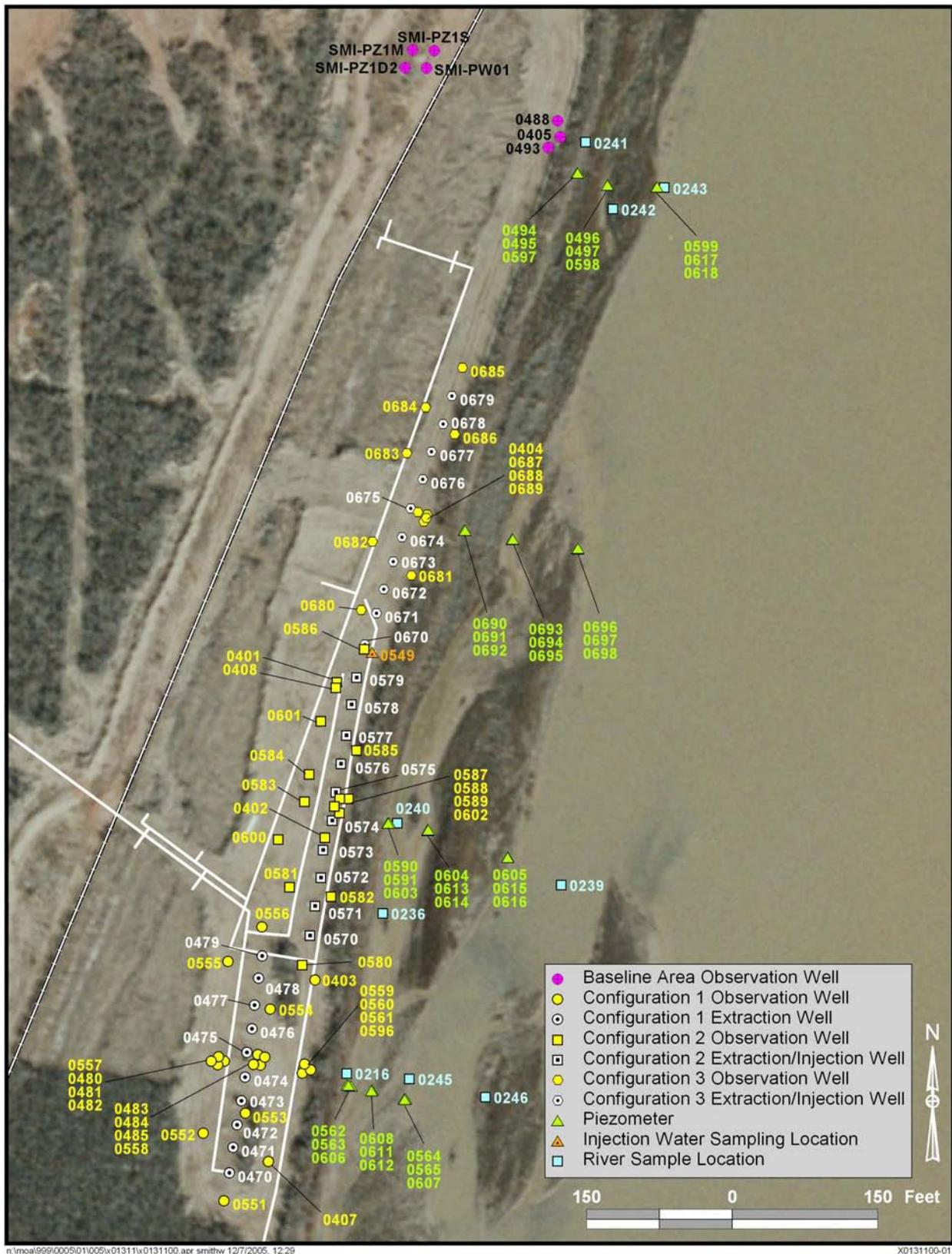


Figure 2. Existing Well Locations

# **Data Assessment Summary**

## Water Sampling Field Activities Verification Checklist

<b>Project</b>	<u>Moab, Utah</u>	<b>Date(s) of Water Sampling</b>	<u>June 5–19, 2006</u>
<b>Date(s) of Verification</b>	<u>September 14, 2006</u>	<b>Name of Verifier</b>	<u>Jeff Price</u>

	<b>Response (Yes, No, NA)</b>	<b>Comments</b>
1. Is the SAP the primary document directing field procedures? List other documents, SOPs, instructions.	<u>Yes</u> <u>NA</u>	
2. Were the sampling locations specified in the planning documents sampled?	<u>No</u>	<u>See Trip Reports for explanation.</u>
3. Was a pre-trip calibration conducted as specified in the aforementioned 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? Did the water level stabilize prior to sampling? Did pH, specific conductance, and turbidity measurements stabilize prior to sampling? Was the flow rate less than 500 milliliters per minute (mL/min)? If a portable pump was used, was there a 4-hour delay between pump installation and sampling?	<u>Yes</u> <u>Yes</u> <u>Yes</u> <u>Yes</u> <u>NA</u>	

### Water Sampling Field Activities Verification Checklist (continued)

- 8. Were the following conditions met when purging a Category II well:
  - Was the flow rate less than 500 mL/min? Yes
  - Was one pump/tubing volume removed prior to sampling? Yes
- 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? Yes
- 11. Were trip blanks prepared and included with each shipment of volatile organic compound (VOC) samples? NA
- 12. Were QC samples assigned a fictitious site identification number?  
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 (COC) 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. (RIN): 06050386  
 Sample Event: June 5–19, 2006  
 Site(s): Moab, Utah, Interim Action  
 Laboratory: Paragon Analytics  
 Work Order No.: 0605161  
 Analysis: Metals and Inorganics  
 Validator: Steve Donivan  
 Review Date: July 24, 2006

This validation was performed according to the *Environmental Procedures Catalog (STO 6)*, “Standard Practice for Validation of Laboratory Data”, GT-9(P). 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
Ammonia as N, NH <sub>3</sub> -N	WCH-A-005	MCAWW 350.1	MCAWW 350.1
Bromide, Br	MIS-A-038	SW-846 9056	SW-846 9056
Chloride, Cl	MIS-A-039	SW-846 9056	SW-846 9056
Sulfate, SO <sub>4</sub>	MIS-A-044	SW-846 9056	SW-846 9056
Total Dissolved Solids, TDS	WCH-A-033	MCAWW 160.1	MCAWW 160.1
Uranium, U	GJO-01	SW-846 3005A	SW-846 6020A

### Data Qualifier Summary

Analytical results were qualified as listed in Table 2. Refer to the attached validation worksheets and the sections below for an explanation of the data qualifiers applied

*Table 2. Data Qualifiers*

Sample Number	Location	Analyte	Flag	Reason
0606071-1	0404	NH <sub>3</sub> -N	J	Matrix spike failure
0606071-77	2237	U	U	Less than 5 times the calibration blank
0606071-94	2233	U	U	Less than 5 times the calibration blank

### Sample Shipping/Receiving

Paragon Analytics in Fort Collins, Colorado, received 96 samples between June 9, 2006 and June 21, 2006 accompanied by Chain of Custody (COC) forms. The COC forms were checked to confirm that all of the samples were listed on the forms with sample collection dates and times, and that signatures and dates were present indicating sample relinquishment and receipt. The

sample submittal documents, including the COC forms and the sample tickets, had no errors or omissions.

### Preservation and Holding Times

The sample shipment was received cool and intact with the temperature within the coolers of 1.2, 4.4, 5.4, 0.6, 0.8, 2.4, and 1.2 °C, which complies with requirements. All samples were received in the correct container types and had been preserved correctly for the requested analyses. All samples were analyzed within the applicable holding times.

### Laboratory Instrument Calibration

Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for all analytes. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear curve. Compliance requirements for continuing calibration checks are established to ensure that the instrument continues to be capable of producing acceptable qualitative and quantitative data. All laboratory instrument calibrations were performed correctly in accordance with the cited methods.

#### *Method SW-846 6020A*

Calibrations for uranium were performed on June 28, 2006 and June 30, 2006. The initial calibrations were performed using six calibration standards, resulting in calibration curves with correlation coefficient ( $r^2$ ) values greater than 0.995. The absolute values of the curve intercepts were less than 3 times the Method Detection Limit (MDL). Calibration and laboratory spike standards were prepared from independent sources. Initial and continuing calibration verification (CCV) checks were made at the required frequency, resulting in 20 CCVs. All calibration check results met the acceptance criteria. 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 checks were within the acceptance criteria range. Mass calibration and resolution verifications were performed at the beginning of each analytical run in accordance with the analytical procedure. Internal standard recoveries were stable and within acceptable ranges.

#### *Method SW-846 9056*

The initial calibrations for bromide, chloride, and sulfate were performed using five calibration standards each on June 12, 2006 and June 15, 2006. The calibration curve  $r^2$  values were greater than 0.995, and intercepts were less than 3 times the MDL. Initial calibration and calibration check standards were prepared from independent sources. Initial and continuing calibration checks were made at the required frequency, resulting in 38 CCVs. The calibration checks met the acceptance criteria.

### *Method MCAWW 160.1*

There is no initial or continuing calibration requirement associated with the determination of TDS.

### *Method MCAWW 350.1*

The initial calibration for ammonia as N was performed using six calibration standards on May 24, 2006 resulting in a calibration curve with  $r^2$  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 five CCVs. All calibration check results were within the acceptance criteria.

### Method and Calibration Blanks

Method blanks are analyzed to assess any contamination that may have occurred during sample preparation. Calibration blanks are analyzed to assess instrument contamination prior to and during sample analysis. All initial and continuing calibration blank (CCB) results were below the practical quantitation limits for all analytes, with the exception of CCB9, on June 28, 2006. The samples associated with this CCB had uranium concentrations greater than 10 times the blank. In cases where blank concentration exceeds the instrument detection limit, the associated sample results are qualified with a "U" flag (not detected) when the sample result is greater than the MDL but less than 5 times the blank concentration.

### Inductively Coupled Plasma Interference Check Sample Analysis

Inductively coupled plasma interference check samples were analyzed at the required frequency to verify the instrumental interelement and background correction factors. All check sample results met the acceptance criteria.

### Matrix Spike Analysis

Matrix spike and matrix spike duplicate (MS/MSD) pairs were analyzed for uranium, ammonia as N, and sulfate as a measure of method performance in the sample matrix. The MS/MSD data are not evaluated when the concentration of the unspiked sample is greater than 4 times the spike concentration. The spike recoveries met the recovery and precision criteria for all analytes evaluated, with the exception of one of the four ammonia results. There is no evidence of systematic matrix interference. The sample result associated with the failed spike results is qualified with a "J" flag as an estimated value.

### Laboratory Replicate Analysis

The relative percent difference (RPD) values for the laboratory replicate sample and MSD sample results for all analytes were less than 20 percent, indicating acceptable laboratory precision.

### Laboratory Control Sample

Laboratory control samples were analyzed at the correct frequency to provide information on the accuracy of the analytical method and the overall laboratory performance, including sample preparation. The results were acceptable for all analytes.

### Metals Serial Dilution

Serial dilutions were performed during the uranium analysis to monitor physical or chemical interferences that may exist in the sample matrix. The results were all within the acceptance range.

### 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 (RDL) 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 analyte peaks was reviewed for all ion chromatography 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 July 17, 2006. 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**

The following information summarizes the field analyses and activities for this sampling event period.

### Field Activities

All monitor well results were purged and sampled using the low-flow sampling method; extraction wells are not sampled using the low-flow sampling method. Four equipment blanks were collected and analyzed for the same constituents as the Moab environmental samples. Several analyte concentrations measured in the equipment blanks were above their respective RDLs, but are still considered acceptable. Seven duplicate samples were collected. 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. All results met the criteria of  $\pm 20$  RPD and are considered acceptable.

End of current text

## Certification

Results were reported in correct units for all analytes requested. Appropriate contract-required laboratory qualifiers and target analyte lists were used. The RDLs 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: Steve Donovan 9-25-2006  
Steve Donovan Date

Field Activities Validation Lead: J. E. Price 9/25/06  
Jeff Price Date

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**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, and the 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; or (3) there were fewer than five historical samples for comparison.

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

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

LAB REQUISITION(S): 06050386

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 09/14/06 09:51:38: 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	0236	06/13/2006	Chloride	29		2300		39		17	0
MOA01	0236	06/13/2006	Sulfate	97		8100		110		17	0
MOA01	0236	06/13/2006	Total Dissolved Solids	300		17000		340		17	0
MOA01	0236	06/13/2006	Uranium	0.0018		2.6	J	0.0022		17	0
MOA01	0240	06/13/2006	Chloride	29		2500		39		8	0
MOA01	0240	06/13/2006	Sulfate	96		8500		100		8	0
MOA01	0240	06/13/2006	Total Dissolved Solids	300		17000		310		8	0
MOA01	0240	06/13/2006	Uranium	0.0017		2.7	J	0.0023		8	0
MOA01	0403	06/15/2006	Chloride	93	F	6973.2		100	F	30	0
MOA01	0403	06/15/2006	Sulfate	390	F	18802.3		440	F	30	0
MOA01	0403	06/15/2006	Total Dissolved Solids	820	F	19000	F	1000	F	29	0
MOA01	0404	06/05/2006	Ammonia Total as N	190	N FJ	490		300	F	12	0
MOA01	0404	06/05/2006	Total Dissolved Solids	12000	F	21000	F	14000	F	11	0
MOA01	0479	06/08/2006	Uranium	3.5		3.3	F	0.68		32	0
MOA01	0480	06/19/2006	Ammonia Total as N	580	F	1100	JF	630	F	12	0
MOA01	0480	06/19/2006	Chloride	1900	F	9400	F	3340		12	0
MOA01	0480	06/19/2006	Total Dissolved Solids	16000	F	28000	F	19720		12	0
MOA01	0480	06/19/2006	Uranium	3.7	F	3.5	F	2.9	F	12	0
MOA01	0481	06/19/2006	Ammonia Total as N	570	F	1100	JF	660	F	13	0
MOA01	0481	06/19/2006	Chloride	4700	F	9900	F	5100	F	13	0
MOA01	0481	06/19/2006	Uranium	3.5	F	3.4	F	2.8	F	13	0

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

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LAB REQUISITION(S): 06050386

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 09/14/06 09:51:38: 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	0482	06/19/2006	Ammonia Total as N	500	F	640	F	520	F	13	0
MOA01	0482	06/19/2006	Chloride	21000	F	53000	F	46000	F	13	0
MOA01	0483	06/19/2006	Uranium	0.27	F	3.3	F	0.28		25	0
MOA01	0485	06/19/2006	Ammonia Total as N	640	F	580	F	420	F	12	0
MOA01	0485	06/19/2006	Chloride	21000	F	54000	F	46000	F	12	0
MOA01	0488	06/14/2006	Ammonia Total as N	550	F	880	F	630	F	24	0
MOA01	0493	06/14/2006	Ammonia Total as N	790	F	1300	F	800	F	15	0
MOA01	0493	06/14/2006	Ammonia Total as N	710	F	1300	F	800	F	15	0
MOA01	0493	06/14/2006	Chloride	2100	F	11000	F	2700	F	15	0
MOA01	0493	06/14/2006	Chloride	2000	F	11000	F	2700	F	15	0
MOA01	0493	06/14/2006	Total Dissolved Solids	19000	F	38000	F	20000	F	15	0
MOA01	0493	06/14/2006	Total Dissolved Solids	19000	F	38000	F	20000	F	15	0
MOA01	0495	06/13/2006	Ammonia Total as N	67	FQ	430	F	71.3	QF	7	0
MOA01	0557	06/19/2006	Ammonia Total as N	630	F	2400	F	680	F	24	0
MOA01	0557	06/19/2006	Uranium	3.3	F	3.1	F	1.3	F	24	0
MOA01	0558	06/19/2006	Chloride	19000	F	48000	F	29000	F	12	0
MOA01	0558	06/19/2006	Chloride	18000	F	48000	F	29000	F	12	0
MOA01	0558	06/19/2006	Total Dissolved Solids	41000	F	80000	F	57000	F	12	0
MOA01	0558	06/19/2006	Total Dissolved Solids	41000	F	80000	F	57000	F	12	0
MOA01	0558	06/19/2006	Uranium	3.1	F	2.2	F	0.78	F	12	0
MOA01	0558	06/19/2006	Uranium	2.9	F	2.2	F	0.78	F	12	0

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

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LAB REQUISITION(S): 06050386

HISTORY BEGIN DATE: comparing to all historical data

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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	0559	06/19/2006	Ammonia Total as N	12	F	800	F	15	F	23	0
MOA01	0559	06/19/2006	Chloride	45	F	6300	F	54.8	J F	23	0
MOA01	0559	06/19/2006	Sulfate	210	F	8100	F	265	F	23	0
MOA01	0559	06/19/2006	Total Dissolved Solids	590	F	22000	F	621	F	23	0
MOA01	0561	06/15/2006	Chloride	36000	F	53000	F	44000	F	8	0
MOA01	0561	06/15/2006	Sulfate	8700	F	8200	F	5600	F	8	0
MOA01	0561	06/15/2006	Total Dissolved Solids	71000	F	86000	F	77000	F	8	0
MOA01	0561	06/15/2006	Uranium	1.4	F	0.92	F	0.39	F	8	0
MOA01	0570	06/08/2006	Chloride	1700		29000	F	2300	F	9	0
MOA01	0570	06/08/2006	Sulfate	1900		9000		2500		9	0
MOA01	0570	06/08/2006	Total Dissolved Solids	5400		56000	F	9500		9	0
MOA01	0571	06/08/2006	Ammonia Total as N	6.8		1700	F	1200	F	7	0
MOA01	0571	06/08/2006	Chloride	130		38000		27000	F	7	0
MOA01	0571	06/08/2006	Sulfate	220		11000	F	7700	F	7	0
MOA01	0571	06/08/2006	Total Dissolved Solids	630		70000	F	52000	F	7	0
MOA01	0571	06/08/2006	Uranium	0.042		1.9		1.4	F	7	0
MOA01	0573	06/08/2006	Ammonia Total as N	570		1200	F	630		9	0
MOA01	0573	06/08/2006	Chloride	13000		27000	F	18000	F	9	0
MOA01	0573	06/08/2006	Sulfate	6400		9700	F	7100		9	0
MOA01	0573	06/08/2006	Total Dissolved Solids	29000		53000	F	37000		9	0
MOA01	0573	06/08/2006	Uranium	1.8		2.6	F	1.9		9	0
MOA01	0575	06/08/2006	Ammonia Total as N	450		1200	F	590		8	0

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

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

LAB REQUISITION(S): 06050386

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 09/14/06 09:51:38: 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	0575	06/08/2006	Chloride	8700		23000	F	14000	F	8	0
MOA01	0575	06/08/2006	Sulfate	5600		10000	F	7300		8	0
MOA01	0575	06/08/2006	Total Dissolved Solids	22000		48000	F	31000		8	0
MOA01	0575	06/08/2006	Uranium	1.6		2.5	F	1.9	F	8	0
MOA01	0579	06/08/2006	Ammonia Total as N	0.86		1100	F	480		9	0
MOA01	0579	06/08/2006	Ammonia Total as N	0.8		1100	F	480		9	0
MOA01	0579	06/08/2006	Chloride	48		15000		2400	F	9	0
MOA01	0579	06/08/2006	Chloride	48		15000		2400	F	9	0
MOA01	0579	06/08/2006	Sulfate	120		13000	F	7700	F	9	0
MOA01	0579	06/08/2006	Sulfate	120		13000	F	7700	F	9	0
MOA01	0579	06/08/2006	Total Dissolved Solids	350		35000		17000	F	9	0
MOA01	0579	06/08/2006	Total Dissolved Solids	380		35000		17000	F	9	0
MOA01	0579	06/08/2006	Uranium	0.0093		3.1	F	2.1	F	9	0
MOA01	0579	06/08/2006	Uranium	0.0097		3.1	F	2.1	F	9	0
MOA01	0580	06/12/2006	Chloride	67	F	2200	F	85	F	22	0
MOA01	0582	06/12/2006	Ammonia Total as N	14	F	560	F	43	F	19	0
MOA01	0582	06/12/2006	Chloride	59	F	3300	F	190	F	19	0
MOA01	0584	06/07/2006	Chloride	4500	F	2000	F	200	F	18	0
MOA01	0584	06/07/2006	Sulfate	14000	F	8200	F	1800	F	18	0
MOA01	0584	06/07/2006	Total Dissolved Solids	29000	F	15000	F	2800	F	18	0
MOA01	0584	06/07/2006	Uranium	7.5	F	3.6	F	0.32	F	18	0
MOA01	0585	06/07/2006	Ammonia Total as N	3.7	N F	500	F	21	F	14	0

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

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

LAB REQUISITION(S): 06050386

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 09/14/06 09:51:38: 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	0596	06/15/2006	Ammonia Total as N	100	F	770	F	250	F	7	0
MOA01	0596	06/15/2006	Chloride	510	F	8900	F	1700	F	7	0
MOA01	0596	06/15/2006	Sulfate	940	F	8000	F	2700	F	7	0
MOA01	0596	06/15/2006	Total Dissolved Solids	2200	F	26000	F	6000	F	7	0
MOA01	0596	06/15/2006	Uranium	0.31	F	2	F	0.93	F	7	0
MOA01	0597	06/13/2006	Ammonia Total as N	330	FQ	522	QF	383	QF	5	0
MOA01	0600	06/12/2006	Ammonia Total as N	370	F	800	F	430	F	6	0
MOA01	0600	06/12/2006	Total Dissolved Solids	20000	F	19000	F	16000	F	6	0
MOA01	0600	06/12/2006	Uranium	4.9	F	4	F	2.1	F	6	0
MOA01	0601	06/07/2006	Ammonia Total as N	360	F	650	F	410	F	8	0
MOA01	0601	06/07/2006	Sulfate	8700	F	8600	F	6500	F	8	0
MOA01	0601	06/07/2006	Total Dissolved Solids	16000	F	15000	F	10000	F	8	0
MOA01	0601	06/07/2006	Uranium	3.9	F	3.7	F	1.4	F	8	0
MOA01	0602	06/07/2006	Chloride	300	F	241	F	94.9	J F	7	0
MOA01	0602	06/07/2006	Sulfate	2000	F	1190	F	354	F	7	0
MOA01	0602	06/07/2006	Total Dissolved Solids	3900	F	1890	F	767	F	7	0
MOA01	0602	06/07/2006	Uranium	0.79	F	0.327	F	0.156	E F	7	0
MOA01	0670	06/05/2006	Total Dissolved Solids	16000		15000	F	3900	F	10	0
MOA01	0670	06/05/2006	Uranium	3		2.9		0.42	F	10	0
MOA01	0682	06/06/2006	Ammonia Total as N	500	F	450	F	390	F	5	0
MOA01	0682	06/06/2006	Ammonia Total as N	490	F	450	F	390	F	5	0
MOA01	0682	06/06/2006	Total Dissolved Solids	17000	F	16000	F	15000	F	5	0

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

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

LAB REQUISITION(S): 06050386

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 09/14/06 09:51:38: 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	0682	06/06/2006	Total Dissolved Solids	17000	F	16000	F	15000	F	5	0
MOA01	0682	06/06/2006	Uranium	3	F	2.9	F	2.5	F	5	0
MOA01	0682	06/06/2006	Uranium	3	F	2.9	F	2.5	F	5	0
MOA01	0686	06/05/2006	Ammonia Total as N	0.13	F	164	F	0.656	F	8	0
MOA01	0686	06/05/2006	Sulfate	3900	F	11000	F	4270	F	8	0
MOA01	0688	06/06/2006	Ammonia Total as N	960	F	860	F	360	F	11	0
MOA01	0688	06/06/2006	Chloride	20000	F	5900	F	2300	F	11	0
MOA01	0688	06/06/2006	Total Dissolved Solids	46000	F	25000	F	17000	F	11	0
MOA01	0688	06/06/2006	Uranium	2.6	F	4.1	F	2.7	F	11	0
MOA01	SMI-PW01	06/13/2006	Ammonia Total as N	330	F	1620		440	F	19	0
MOA01	SMI-PW01	06/13/2006	Uranium	3.2	F	3.0636		1.2044		19	0
MOA01	SMI-PW02	06/14/2006	Ammonia Total as N	720		4400		880		16	0
MOA01	SMI-PZ1S	06/13/2006	Ammonia Total as N	300	F	565		360	F	9	0
MOA01	SMI-PZ1S	06/13/2006	Sulfate	6600	F	8200	F	6900	F	9	0
MOA01	SMI-PZ1S	06/13/2006	Total Dissolved Solids	11000	F	14000	F	12000	F	8	0

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

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

LAB REQUISITION(S): 06050386

HISTORY BEGIN DATE: comparing to all historical data

REPORT DATE: 09/14/06 09:51:38: 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 & Radiochemistry: 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 | N Presumptive evidence that analyte is present. The analyte is "tentatively identified". |

# **Anomalous Data Review Checksheet**



# **Water Quality Data**

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0216	SL, RIV	06/13/2006	0001	0.00 - 0.00	136		#	-	-	
	mg/L	0236	SL, RIV	06/13/2006	0001	0.00 - 0.00	232		#	-	-	
	mg/L	0240	SL, RIV	06/13/2006	0001	0.00 - 0.00	180		#	-	-	
	mg/L	0402	WL	06/12/2006	0001	17.00 - 17.00	416	F	#	-	-	
	mg/L	0403	WL	06/15/2006	0001	18.00 - 18.00	248	F	#	-	-	
	mg/L	0404	WL	06/05/2006	0001	18.00 - 18.00	610	F	#	-	-	
	mg/L	0405	WL	06/14/2006	0001	18.00 - 18.00	770	F	#	-	-	
	mg/L	0407	WL	06/19/2006	0001	17.00 - 17.00	262	F	#	-	-	
	mg/L	0408	WL	06/07/2006	0001	26.00 - 26.00	780	F	#	-	-	
	mg/L	0470	WL, EXT	06/08/2006	0001	10.30 - 19.70	500		#	-	-	
	mg/L	0471	WL, EXT	06/08/2006	0001	10.30 - 19.70	600		#	-	-	
	mg/L	0472	WL, EXT	06/08/2006	0001	10.30 - 19.70	490		#	-	-	
	mg/L	0473	WL, EXT	06/08/2006	0001	10.30 - 19.70	570		#	-	-	
	mg/L	0474	WL, EXT	06/08/2006	0001	10.30 - 19.70	540		#	-	-	
	mg/L	0475	WL, EXT	06/08/2006	0001	10.30 - 19.70	570		#	-	-	
	mg/L	0476	WL, EXT	06/08/2006	0001	10.30 - 19.70	340		#	-	-	
	mg/L	0477	WL, EXT	06/08/2006	0001	10.30 - 19.70	576		#	-	-	
	mg/L	0478	WL, EXT	06/08/2006	0001	9.60 - 23.90	620		#	-	-	
	mg/L	0479	WL, EXT	06/08/2006	0001	9.30 - 23.60	786		#	-	-	
	mg/L	0480	WL	06/19/2006	0001	18.00 - 18.00	980	F	#	-	-	
	mg/L	0481	WL	06/19/2006	0001	28.00 - 28.00	1008	F	#	-	-	
	mg/L	0482	WL	06/19/2006	0001	58.00 - 58.00	322	F	#	-	-	
	mg/L	0483	WL	06/19/2006	0001	18.00 - 18.00	272	F	#	-	-	
	mg/L	0484	WL	06/19/2006	0001	28.00 - 28.00	840	F	#	-	-	
	mg/L	0485	WL	06/19/2006	0001	58.00 - 58.00	334	F	#	-	-	
	mg/L	0488	WL	06/14/2006	0001	33.00 - 33.00	908	F	#	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0493	WL	06/14/2006	0001	46.00 - 46.00	990	F	#	-	-	
	mg/L	0494	WL, PZ	06/13/2006	0001	2.90 - 2.90	110	FQ	#	-	-	
	mg/L	0547	TS, INFL	06/14/2006	0001	5.20 - 5.20	674		#	-	-	
	mg/L	0548	TS, EPND	06/14/2006	0001	0.00 - 0.00	586		#	-	-	
	mg/L	0557	WL	06/19/2006	0001	40.00 - 40.00	954	F	#	-	-	
	mg/L	0558	WL	06/19/2006	0001	36.00 - 36.00	776	F	#	-	-	
	mg/L	0559	WL	06/19/2006	0001	19.00 - 19.00	268	F	#	-	-	
	mg/L	0560	WL	06/19/2006	0001	31.00 - 31.00	600	F	#	-	-	
	mg/L	0561	WL	06/15/2006	0001	50.00 - 50.00	444	F	#	-	-	
	mg/L	0570	WL, I&E	06/08/2006	0001	15.00 - 30.00	348		#	-	-	
	mg/L	0571	WL, I&E	06/08/2006	0001	25.00 - 40.00	130		#	-	-	
	mg/L	0572	WL, I&E	06/08/2006	0001	15.00 - 30.00	460		#	-	-	
	mg/L	0573	WL, I&E	06/08/2006	0001	25.00 - 40.00	540		#	-	-	
	mg/L	0575	WL, I&E	06/08/2006	0001	25.00 - 40.00	620		#	-	-	
	mg/L	0577	WL, I&E	06/08/2006	0001	25.00 - 40.00	640		#	-	-	
	mg/L	0579	WL, I&E	06/08/2006	0001	25.00 - 40.00	190		#	-	-	
	mg/L	0580	WL	06/12/2006	0001	18.00 - 18.00	248	F	#	-	-	
	mg/L	0581	WL	06/12/2006	0001	18.00 - 18.00	532	F	#	-	-	
	mg/L	0582	WL	06/12/2006	0001	18.00 - 18.00	360	F	#	-	-	
	mg/L	0584	WL	06/07/2006	0001	18.00 - 18.00	1022	F	#	-	-	
	mg/L	0585	WL	06/07/2006	0001	18.00 - 18.00	300	F	#	-	-	
	mg/L	0586	WL	06/06/2006	0001	18.00 - 18.00	428	F	#	-	-	
	mg/L	0587	WL	06/07/2006	0001	18.00 - 18.00	368	F	#	-	-	
	mg/L	0588	WL	06/07/2006	0001	34.00 - 34.00	334	F	#	-	-	
	mg/L	0589	WL	06/07/2006	0001	52.00 - 52.00	376	F	#	-	-	
	mg/L	0596	WL	06/15/2006	0001	24.00 - 24.00	260	F	#	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0600	WL	06/12/2006	0001	27.00 - 27.00	1080	F	#	-	-	
	mg/L	0601	WL	06/07/2006	0001	27.00 - 27.00	834	F	#	-	-	
	mg/L	0602	WL	06/07/2006	0001	18.00 - 18.00	406	F	#	-	-	
	mg/L	0670	WL, EXT	06/05/2006	0001	40.00 - 40.00	780		#	-	-	
	mg/L	0671	WL, EXT	06/05/2006	0001	40.00 - 40.00	820		#	-	-	
	mg/L	0672	WL, EXT	06/05/2006	0001	40.00 - 40.00	622		#	-	-	
	mg/L	0673	WL, EXT	06/05/2006	0001	40.00 - 40.00	772		#	-	-	
	mg/L	0674	WL, EXT	06/05/2006	0001	40.00 - 40.00	758		#	-	-	
	mg/L	0675	WL, EXT	06/05/2006	0001	40.00 - 40.00	842		#	-	-	
	mg/L	0676	WL, EXT	06/05/2006	0001	40.00 - 40.00	866		#	-	-	
	mg/L	0677	WL, EXT	06/05/2006	0001	40.00 - 40.00	836		#	-	-	
	mg/L	0678	WL, EXT	06/05/2006	0001	40.00 - 40.00	864		#	-	-	
	mg/L	0679	WL, EXT	06/05/2006	0001	40.00 - 40.00	860		#	-	-	
	mg/L	0680	WL	06/06/2006	0001	18.00 - 18.00	968	F	#	-	-	
	mg/L	0681	WL	06/06/2006	0001	18.00 - 18.00	414	F	#	-	-	
	mg/L	0682	WL	06/06/2006	0001	28.00 - 28.00	984	F	#	-	-	
	mg/L	0683	WL	06/06/2006	0001	27.00 - 27.00	860	F	#	-	-	
	mg/L	0684	WL	06/06/2006	0001	18.00 - 18.00	526	F	#	-	-	
	mg/L	0685	WL	06/05/2006	0001	28.00 - 28.00	856	F	#	-	-	
	mg/L	0686	WL	06/05/2006	0001	18.00 - 18.00	356	F	#	-	-	
	mg/L	0687	WL	06/06/2006	0001	28.00 - 28.00	920	F	#	-	-	
	mg/L	0688	WL	06/06/2006	0001	31.00 - 31.00	866	F	#	-	-	
	mg/L	0688	WL	06/06/2006	0001	39.00 - 39.00	818	F	#	-	-	
	mg/L	0689	WL	06/05/2006	0001	54.00 - 54.00	440	F	#	-	-	
	mg/L	0689	WL	06/05/2006	0001	46.00 - 46.00	296	F	#	-	-	
	mg/L		SMI-PW01	WL	06/13/2006	0001	40.00 - 40.00	680	F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY	
Alkalinity, Total (As CaCO3	mg/L	SMI-PW02	WL	06/14/2006	0001	20.04 - 60.04	706		#	-	-
	mg/L	SMI-PZ1D2	WL	06/13/2006	0001	73.00 - 73.00	432	F	#	-	-
	mg/L	SMI-PZ1M	WL	06/13/2006	0001	57.00 - 57.00	1208	F	#	-	-
	mg/L	SMI-PZ1S	WL	06/13/2006	0001	18.00 - 18.00	706	F	#	-	-
Ammonia Total as N	mg/L	0216	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.1	U	#	0.1	-
	mg/L	0236	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.1	U	#	0.1	-
	mg/L	0240	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.1	U	#	0.1	-
	mg/L	0241	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.1	U	#	0.1	-
	mg/L	0402	WL	06/12/2006	0001	17.00 - 17.00	15	F	#	0.5	-
	mg/L	0403	WL	06/15/2006	0001	18.00 - 18.00	32	F	#	1	-
	mg/L	0404	WL	06/05/2006	0001	18.00 - 18.00	190	N FJ	#	20	-
	mg/L	0405	WL	06/14/2006	0001	18.00 - 18.00	350	F	#	20	-
	mg/L	0407	WL	06/19/2006	0001	17.00 - 17.00	15	F	#	2	-
	mg/L	0407	WL	06/19/2006	0002	17.00 - 17.00	15	F	#	2	-
	mg/L	0408	WL	06/07/2006	0001	26.00 - 26.00	280	F	#	20	-
	mg/L	0470	WL, EXT	06/08/2006	0001	10.30 - 19.70	190		#	20	-
	mg/L	0471	WL, EXT	06/08/2006	0001	10.30 - 19.70	330		#	20	-
	mg/L	0472	WL, EXT	06/08/2006	0001	10.30 - 19.70	260		#	20	-
	mg/L	0473	WL, EXT	06/08/2006	0001	10.30 - 19.70	270		#	20	-
	mg/L	0474	WL, EXT	06/08/2006	0001	10.30 - 19.70	270		#	20	-
	mg/L	0475	WL, EXT	06/08/2006	0001	10.30 - 19.70	220		#	20	-
	mg/L	0476	WL, EXT	06/08/2006	0001	10.30 - 19.70	170		#	20	-
	mg/L	0477	WL, EXT	06/08/2006	0001	10.30 - 19.70	170		#	20	-
	mg/L	0478	WL, EXT	06/08/2006	0001	9.60 - 23.90	200		#	20	-
mg/L	0479	WL, EXT	06/08/2006	0001	9.30 - 23.60	250		#	20	-	
mg/L	0480	WL	06/19/2006	0001	18.00 - 18.00	580	F	#	20	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0481	WL	06/19/2006	0001	28.00 - 28.00	570	F	#	20	-	
	mg/L	0482	WL	06/19/2006	0001	58.00 - 58.00	500	F	#	20	-	
	mg/L	0483	WL	06/19/2006	0001	18.00 - 18.00	110	F	#	20	-	
	mg/L	0484	WL	06/19/2006	0001	28.00 - 28.00	1100	F	#	50	-	
	mg/L	0485	WL	06/19/2006	0001	58.00 - 58.00	640	F	#	20	-	
	mg/L	0488	WL	06/14/2006	0001	33.00 - 33.00	550	F	#	20	-	
	mg/L	0493	WL	06/14/2006	0001	46.00 - 46.00	710	F	#	20	-	
	mg/L	0493	WL	06/14/2006	0002	46.00 - 46.00	790	F	#	20	-	
	mg/L	0494	WL, PZ	06/13/2006	0001	2.90 - 2.90	6.6	FQ	#	0.2	-	
	mg/L	0495	WL, PZ	06/13/2006	0001	5.10 - 5.10	67	FQ	#	2	-	
	mg/L	0547	TS, INFL	06/14/2006	0001	5.20 - 5.20	470		#	20	-	
	mg/L	0548	TS, EPND	06/14/2006	0001	0.00 - 0.00	510		#	20	-	
	mg/L	0557	WL	06/19/2006	0001	40.00 - 40.00	630	F	#	20	-	
	mg/L	0558	WL	06/19/2006	0001	36.00 - 36.00	1300	F	#	50	-	
	mg/L	0558	WL	06/19/2006	0002	36.00 - 36.00	1500	F	#	50	-	
	mg/L	0559	WL	06/19/2006	0001	19.00 - 19.00	12	F	#	0.5	-	
	mg/L	0560	WL	06/19/2006	0001	31.00 - 31.00	800	N	F	#	20	-
	mg/L	0561	WL	06/15/2006	0001	50.00 - 50.00	900		F	#	20	-
	mg/L	0570	WL, I&E	06/08/2006	0001	15.00 - 30.00	210		#	20	-	
	mg/L	0571	WL, I&E	06/08/2006	0001	25.00 - 40.00	6.8		#	0.5	-	
	mg/L	0572	WL, I&E	06/08/2006	0001	15.00 - 30.00	250		#	20	-	
	mg/L	0573	WL, I&E	06/08/2006	0001	25.00 - 40.00	570		#	20	-	
	mg/L	0575	WL, I&E	06/08/2006	0001	25.00 - 40.00	450		#	20	-	
	mg/L	0577	WL, I&E	06/08/2006	0001	25.00 - 40.00	460		#	20	-	
	mg/L	0579	WL, I&E	06/08/2006	0001	25.00 - 40.00	0.8		#	0.1	-	
	mg/L	0579	WL, I&E	06/08/2006	0002	25.00 - 40.00	0.86		#	0.1	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Ammonia Total as N	mg/L	0580	WL	06/12/2006	0001	18.00 - 18.00	28	F #	1	-
	mg/L	0581	WL	06/12/2006	0001	18.00 - 18.00	70	F #	2	-
	mg/L	0582	WL	06/12/2006	0001	18.00 - 18.00	14	F #	0.5	-
	mg/L	0584	WL	06/07/2006	0001	18.00 - 18.00	62	F #	2	-
	mg/L	0585	WL	06/07/2006	0001	18.00 - 18.00	3.7	N F #	0.1	-
	mg/L	0586	WL	06/06/2006	0001	18.00 - 18.00	8.8	F #	0.2	-
	mg/L	0586	WL	06/06/2006	0002	18.00 - 18.00	9.4	F #	0.2	-
	mg/L	0587	WL	06/07/2006	0001	18.00 - 18.00	27	F #	1	-
	mg/L	0588	WL	06/07/2006	0001	34.00 - 34.00	72	F #	20	-
	mg/L	0589	WL	06/07/2006	0001	52.00 - 52.00	730	F #	20	-
	mg/L	0596	WL	06/15/2006	0001	24.00 - 24.00	100	F #	20	-
	mg/L	0597	WL, PZ	06/13/2006	0001	9.80 - 9.80	330	FQ #	20	-
	mg/L	0600	WL	06/12/2006	0001	27.00 - 27.00	370	F #	20	-
	mg/L	0601	WL	06/07/2006	0001	27.00 - 27.00	360	F #	20	-
	mg/L	0602	WL	06/07/2006	0001	18.00 - 18.00	39	F #	2	-
	mg/L	0670	WL, EXT	06/05/2006	0001	40.00 - 40.00	310	#	20	-
	mg/L	0671	WL, EXT	06/05/2006	0001	40.00 - 40.00	450	#	20	-
	mg/L	0672	WL, EXT	06/05/2006	0001	40.00 - 40.00	500	#	20	-
	mg/L	0673	WL, EXT	06/05/2006	0001	40.00 - 40.00	540	#	20	-
	mg/L	0674	WL, EXT	06/05/2006	0001	40.00 - 40.00	470	#	20	-
	mg/L	0675	WL, EXT	06/05/2006	0001	40.00 - 40.00	460	#	20	-
	mg/L	0676	WL, EXT	06/05/2006	0001	40.00 - 40.00	370	#	20	-
	mg/L	0677	WL, EXT	06/05/2006	0001	40.00 - 40.00	560	#	20	-
	mg/L	0678	WL, EXT	06/05/2006	0001	40.00 - 40.00	500	#	20	-
	mg/L	0679	WL, EXT	06/05/2006	0001	40.00 - 40.00	380	#	20	-
	mg/L	0679	WL, EXT	06/05/2006	0002	40.00 - 40.00	370	#	20	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Ammonia Total as N	mg/L	0680	WL	06/06/2006	0001	18.00 - 18.00	300	F #	20	-
	mg/L	0681	WL	06/06/2006	0001	18.00 - 18.00	0.67	F #	0.1	-
	mg/L	0682	WL	06/06/2006	0001	28.00 - 28.00	500	F #	20	-
	mg/L	0682	WL	06/06/2006	0002	28.00 - 28.00	490	F #	20	-
	mg/L	0683	WL	06/06/2006	0001	27.00 - 27.00	360	F #	20	-
	mg/L	0684	WL	06/06/2006	0001	18.00 - 18.00	0.63	F #	0.1	-
	mg/L	0685	WL	06/05/2006	0001	28.00 - 28.00	420	F #	20	-
	mg/L	0686	WL	06/05/2006	0001	18.00 - 18.00	0.13	F #	0.1	-
	mg/L	0687	WL	06/06/2006	0001	28.00 - 28.00	410	F #	20	-
	mg/L	0688	WL	06/06/2006	0001	39.00 - 39.00	960	F #	20	-
	mg/L	0689	WL	06/05/2006	0001	46.00 - 46.00	280	F #	20	-
	mg/L	0691	WL, PZ	06/12/2006	0001	4.90 - 4.90	98	FQ #	20	-
	mg/L	0692	WL, PZ	06/12/2006	0001	9.60 - 9.60	240	FQ #	20	-
	mg/L	SMI-PW01	WL	06/13/2006	0001	40.00 - 40.00	330	F #	20	-
	mg/L	SMI-PW02	WL	06/14/2006	0001	20.04 - 60.04	720	#	20	-
	mg/L	SMI-PZ1D2	WL	06/13/2006	0001	73.00 - 73.00	1700	F #	50	-
	mg/L	SMI-PZ1M	WL	06/13/2006	0001	57.00 - 57.00	850	F #	20	-
mg/L	SMI-PZ1S	WL	06/13/2006	0001	18.00 - 18.00	300	F #	20	-	
Bromide	mg/L	0216	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.2	U #	0.2	-
	mg/L	0236	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.2	U #	0.2	-
	mg/L	0240	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.2	U #	0.2	-
	mg/L	0241	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.2	U #	0.2	-
	mg/L	0402	WL	06/12/2006	0001	17.00 - 17.00	2	U F #	2	-
	mg/L	0403	*WL	06/15/2006	0001	18.00 - 18.00	0.4	U F #	0.4	-
	mg/L	0404	WL	06/05/2006	0001	18.00 - 18.00	4	U F #	4	-
	mg/L	0405	WL	06/14/2006	0001	18.00 - 18.00	4	U F #	4	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Bromide	mg/L	0407	WL	06/19/2006	0001	17.00 - 17.00	0.4	U F #	0.4	-
	mg/L	0407	WL	06/19/2006	0002	17.00 - 17.00	0.4	U F #	0.4	-
	mg/L	0408	WL	06/07/2006	0001	26.00 - 26.00	4	U F #	4	-
	mg/L	0470	WL, EXT	06/08/2006	0001	10.30 - 19.70	2	U #	2	-
	mg/L	0471	WL, EXT	06/08/2006	0001	10.30 - 19.70	4	U #	4	-
	mg/L	0472	WL, EXT	06/08/2006	0001	10.30 - 19.70	2	U #	2	-
	mg/L	0473	WL, EXT	06/08/2006	0001	10.30 - 19.70	2	U #	2	-
	mg/L	0474	WL, EXT	06/08/2006	0001	10.30 - 19.70	2	U #	2	-
	mg/L	0475	WL, EXT	06/08/2006	0001	10.30 - 19.70	2	U #	2	-
	mg/L	0476	WL, EXT	06/08/2006	0001	10.30 - 19.70	2	U #	2	-
	mg/L	0477	WL, EXT	06/08/2006	0001	10.30 - 19.70	2	U #	2	-
	mg/L	0478	WL, EXT	06/08/2006	0001	9.60 - 23.90	4	U #	4	-
	mg/L	0479	WL, EXT	06/08/2006	0001	9.30 - 23.60	4	U #	4	-
	mg/L	0480	WL	06/19/2006	0001	18.00 - 18.00	4	U F #	4	-
	mg/L	0481	WL	06/19/2006	0001	28.00 - 28.00	10	U F #	10	-
	mg/L	0482	WL	06/19/2006	0001	58.00 - 58.00	20	U F #	20	-
	mg/L	0483	WL	06/19/2006	0001	18.00 - 18.00	1	U F #	1	-
	mg/L	0484	WL	06/19/2006	0001	28.00 - 28.00	10	U F #	10	-
	mg/L	0485	WL	06/19/2006	0001	58.00 - 58.00	20	U F #	20	-
	mg/L	0488	WL	06/14/2006	0001	33.00 - 33.00	4	U F #	4	-
	mg/L	0493	WL	06/14/2006	0001	46.00 - 46.00	4	U F #	4	-
	mg/L	0493	WL	06/14/2006	0002	46.00 - 46.00	4	U F #	4	-
	mg/L	0494	WL, PZ	06/13/2006	0001	2.90 - 2.90	10	U FQ #	10	-
	mg/L	0495	WL, PZ	06/13/2006	0001	5.10 - 5.10	10	U FQ #	10	-
	mg/L	0547	TS, INFL	06/14/2006	0001	5.20 - 5.20	10	U #	10	-
	mg/L	0548	TS, EPND	06/14/2006	0001	0.00 - 0.00	10	U #	10	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Bromide	mg/L	0557	WL	06/19/2006	0001	40.00 - 40.00	10	U	F	#	10	-
	mg/L	0558	WL	06/19/2006	0001	36.00 - 36.00	10	U	F	#	10	-
	mg/L	0558	WL	06/19/2006	0002	36.00 - 36.00	10	U	F	#	10	-
	mg/L	0559	WL	06/19/2006	0001	19.00 - 19.00	0.2	U	F	#	0.2	-
	mg/L	0560	WL	06/19/2006	0001	31.00 - 31.00	10	U	F	#	10	-
	mg/L	0561	WL	06/15/2006	0001	50.00 - 50.00	20	U	F	#	20	-
	mg/L	0570	WL, I&E	06/08/2006	0001	15.00 - 30.00	2	U		#	2	-
	mg/L	0571	WL, I&E	06/08/2006	0001	25.00 - 40.00	0.2	U		#	0.2	-
	mg/L	0572	WL, I&E	06/08/2006	0001	15.00 - 30.00	4	U		#	4	-
	mg/L	0573	WL, I&E	06/08/2006	0001	25.00 - 40.00	4	U		#	4	-
	mg/L	0575	WL, I&E	06/08/2006	0001	25.00 - 40.00	10	U		#	10	-
	mg/L	0577	WL, I&E	06/08/2006	0001	25.00 - 40.00	4	U		#	4	-
	mg/L	0579	WL, I&E	06/08/2006	0001	25.00 - 40.00	0.2	U		#	0.2	-
	mg/L	0579	WL, I&E	06/08/2006	0002	25.00 - 40.00	0.2	U		#	0.2	-
	mg/L	0580	WL	06/12/2006	0001	18.00 - 18.00	0.4	U	F	#	0.4	-
	mg/L	0581	WL	06/12/2006	0001	18.00 - 18.00	2	U	F	#	2	-
	mg/L	0582	WL	06/12/2006	0001	18.00 - 18.00	0.4	U	F	#	0.4	-
	mg/L	0584	WL	06/07/2006	0001	18.00 - 18.00	10	U	F	#	10	-
	mg/L	0585	WL	06/07/2006	0001	18.00 - 18.00	1	U	F	#	1	-
	mg/L	0586	WL	06/06/2006	0001	18.00 - 18.00	1	U	F	#	1	-
	mg/L	0586	WL	06/06/2006	0002	18.00 - 18.00	1	U	F	#	1	-
	mg/L	0587	WL	06/07/2006	0001	18.00 - 18.00	1	U	F	#	1	-
	mg/L	0588	WL	06/07/2006	0001	34.00 - 34.00	1	U	F	#	1	-
	mg/L	0589	WL	06/07/2006	0001	52.00 - 52.00	20	U	F	#	20	-
	mg/L	0596	WL	06/15/2006	0001	24.00 - 24.00	1	U	F	#	1	-
	mg/L	0597	WL, PZ	06/13/2006	0001	9.80 - 9.80	4	U	FQ	#	4	-

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

REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Bromide	mg/L	0600	WL	06/12/2006	0001	27.00 - 27.00	4	U	F	#	4	-
	mg/L	0601	WL	06/07/2006	0001	27.00 - 27.00	4	U	F	#	4	-
	mg/L	0602	WL	06/07/2006	0001	18.00 - 18.00	1	U	F	#	1	-
	mg/L	0670	WL, EXT	06/05/2006	0001	40.00 - 40.00	4	U		#	4	-
	mg/L	0671	WL, EXT	06/05/2006	0001	40.00 - 40.00	4	U		#	4	-
	mg/L	0672	WL, EXT	06/05/2006	0001	40.00 - 40.00	10	U		#	10	-
	mg/L	0673	WL, EXT	06/05/2006	0001	40.00 - 40.00	10	U		#	10	-
	mg/L	0674	WL, EXT	06/05/2006	0001	40.00 - 40.00	10	U		#	10	-
	mg/L	0675	WL, EXT	06/05/2006	0001	40.00 - 40.00	10	U		#	10	-
	mg/L	0676	WL, EXT	06/05/2006	0001	40.00 - 40.00	4	U		#	4	-
	mg/L	0677	WL, EXT	06/05/2006	0001	40.00 - 40.00	10	U		#	10	-
	mg/L	0678	WL, EXT	06/05/2006	0001	40.00 - 40.00	4	U		#	4	-
	mg/L	0679	WL, EXT	06/05/2006	0001	40.00 - 40.00	4	U		#	4	-
	mg/L	0679	WL, EXT	06/05/2006	0002	40.00 - 40.00	4	U		#	4	-
	mg/L	0680	WL	06/06/2006	0001	18.00 - 18.00	4	U	F	#	4	-
	mg/L	0681	WL	06/06/2006	0001	18.00 - 18.00	1	U	F	#	1	-
	mg/L	0682	WL	06/06/2006	0001	28.00 - 28.00	4	U	F	#	4	-
	mg/L	0682	WL	06/06/2006	0002	28.00 - 28.00	4	U	F	#	4	-
	mg/L	0683	WL	06/06/2006	0001	27.00 - 27.00	4	U	F	#	4	-
	mg/L	0684	WL	06/06/2006	0001	18.00 - 18.00	1	U	F	#	1	-
	mg/L	0685	WL	06/05/2006	0001	28.00 - 28.00	4	U	F	#	4	-
	mg/L	0686	WL	06/05/2006	0001	18.00 - 18.00	2	U	F	#	2	-
	mg/L	0687	WL	06/06/2006	0001	28.00 - 28.00	4	U	F	#	4	-
	mg/L	0688	WL	06/06/2006	0001	39.00 - 39.00	10	U	F	#	10	-
	mg/L	0689	WL	06/05/2006	0001	46.00 - 46.00	20	U	F	#	20	-
	mg/L	0691	WL, PZ	06/12/2006	0001	4.90 - 4.90	4	U	FQ	#	4	-

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

REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Bromide	mg/L	0692	WL, PZ	06/12/2006	0001	9.60 - 9.60	2	U FQ #	2	-
	mg/L	SMI-PW01	WL	06/13/2006	0001	40.00 - 40.00	4	U F #	4	-
	mg/L	SMI-PW02	WL	06/14/2006	0001	20.04 - 60.04	10	U #	10	-
	mg/L	SMI-PZ1D2	WL	06/13/2006	0001	73.00 - 73.00	20	U F #	20	-
	mg/L	SMI-PZ1M	WL	06/13/2006	0001	57.00 - 57.00	10	U F #	10	-
	mg/L	SMI-PZ1S	WL	06/13/2006	0001	18.00 - 18.00	4	U F #	4	-
Chloride	mg/L	0216	SL, RIV	06/13/2006	0001	0.00 - 0.00	29	#	2	-
	mg/L	0236	SL, RIV	06/13/2006	0001	0.00 - 0.00	29	#	2	-
	mg/L	0240	SL, RIV	06/13/2006	0001	0.00 - 0.00	29	#	2	-
	mg/L	0241	SL, RIV	06/13/2006	0001	0.00 - 0.00	29	#	2	-
	mg/L	0402	WL	06/12/2006	0001	17.00 - 17.00	730	F #	20	-
	mg/L	0403	WL	06/15/2006	0001	18.00 - 18.00	93	F #	4	-
	mg/L	0404	WL	06/05/2006	0001	18.00 - 18.00	1800	F #	40	-
	mg/L	0405	WL	06/14/2006	0001	18.00 - 18.00	1900	F #	40	-
	mg/L	0407	WL	06/19/2006	0001	17.00 - 17.00	33	F #	0.4	-
	mg/L	0407	WL	06/19/2006	0002	17.00 - 17.00	33	F #	0.4	-
	mg/L	0408	WL	06/07/2006	0001	26.00 - 26.00	2100	F #	40	-
	mg/L	0470	WL, EXT	06/08/2006	0001	10.30 - 19.70	1500	#	20	-
	mg/L	0471	WL, EXT	06/08/2006	0001	10.30 - 19.70	2800	#	40	-
	mg/L	0472	WL, EXT	06/08/2006	0001	10.30 - 19.70	1800	#	20	-
	mg/L	0473	WL, EXT	06/08/2006	0001	10.30 - 19.70	1600	#	20	-
	mg/L	0474	WL, EXT	06/08/2006	0001	10.30 - 19.70	1500	#	20	-
	mg/L	0475	WL, EXT	06/08/2006	0001	10.30 - 19.70	1300	#	20	-
	mg/L	0476	WL, EXT	06/08/2006	0001	10.30 - 19.70	810	#	20	-
	mg/L	0477	WL, EXT	06/08/2006	0001	10.30 - 19.70	780	#	20	-
	mg/L	0478	WL, EXT	06/08/2006	0001	9.60 - 23.90	1900	#	40	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	0479	WL, EXT	06/08/2006	0001	9.30 - 23.60	2500	#	40	-
	mg/L	0480	WL	06/19/2006	0001	18.00 - 18.00	1900	F #	40	-
	mg/L	0481	WL	06/19/2006	0001	28.00 - 28.00	4700	F #	100	-
	mg/L	0482	WL	06/19/2006	0001	58.00 - 58.00	21000	F #	1000	-
	mg/L	0483	WL	06/19/2006	0001	18.00 - 18.00	630	F #	10	-
	mg/L	0484	WL	06/19/2006	0001	28.00 - 28.00	11000	F #	200	-
	mg/L	0485	WL	06/19/2006	0001	58.00 - 58.00	21000	F #	1000	-
	mg/L	0488	WL	06/14/2006	0001	33.00 - 33.00	1500	F #	40	-
	mg/L	0493	WL	06/14/2006	0001	46.00 - 46.00	2100	F #	40	-
	mg/L	0493	WL	06/14/2006	0002	46.00 - 46.00	2000	F #	40	-
	mg/L	0494	WL, PZ	06/13/2006	0001	2.90 - 2.90	6400	FQ #	100	-
	mg/L	0495	WL, PZ	06/13/2006	0001	5.10 - 5.10	3500	FQ #	100	-
	mg/L	0547	TS, INFL	06/14/2006	0001	5.20 - 5.20	9200	#	100	-
	mg/L	0548	TS, EPND	06/14/2006	0001	0.00 - 0.00	9100	#	100	-
	mg/L	0557	WL	06/19/2006	0001	40.00 - 40.00	5500	F #	100	-
	mg/L	0558	WL	06/19/2006	0001	36.00 - 36.00	18000	F #	200	-
	mg/L	0558	WL	06/19/2006	0002	36.00 - 36.00	19000	F #	200	-
	mg/L	0559	WL	06/19/2006	0001	19.00 - 19.00	45	F #	2	-
	mg/L	0560	WL	06/19/2006	0001	31.00 - 31.00	10000	F #	200	-
	mg/L	0561	WL	06/15/2006	0001	50.00 - 50.00	36000	F #	1000	-
	mg/L	0570	WL, I&E	06/08/2006	0001	15.00 - 30.00	1700	#	20	-
	mg/L	0571	WL, I&E	06/08/2006	0001	25.00 - 40.00	130	#	2	-
	mg/L	0572	WL, I&E	06/08/2006	0001	15.00 - 30.00	3400	#	40	-
	mg/L	0573	WL, I&E	06/08/2006	0001	25.00 - 40.00	13000	#	200	-
	mg/L	0575	WL, I&E	06/08/2006	0001	25.00 - 40.00	8700	#	100	-
	mg/L	0577	WL, I&E	06/08/2006	0001	25.00 - 40.00	6200	#	100	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	0579	WL, I&E	06/08/2006	0001	25.00 - 40.00	48		# 2	-
	mg/L	0579	WL, I&E	06/08/2006	0002	25.00 - 40.00	48		# 2	-
	mg/L	0580	WL	06/12/2006	0001	18.00 - 18.00	67	F	# 4	-
	mg/L	0581	WL	06/12/2006	0001	18.00 - 18.00	1400	F	# 20	-
	mg/L	0582	WL	06/12/2006	0001	18.00 - 18.00	59	F	# 4	-
	mg/L	0584	WL	06/07/2006	0001	18.00 - 18.00	4500	F	# 100	-
	mg/L	0585	WL	06/07/2006	0001	18.00 - 18.00	360	F	# 20	-
	mg/L	0586	WL	06/06/2006	0001	18.00 - 18.00	580	F	# 20	-
	mg/L	0586	WL	06/06/2006	0002	18.00 - 18.00	560	F	# 20	-
	mg/L	0587	WL	06/07/2006	0001	18.00 - 18.00	740	F	# 20	-
	mg/L	0588	WL	06/07/2006	0001	34.00 - 34.00	470	F	# 20	-
	mg/L	0589	WL	06/07/2006	0001	52.00 - 52.00	35000	F	# 400	-
	mg/L	0596	WL	06/15/2006	0001	24.00 - 24.00	510	F	# 10	-
	mg/L	0597	WL, PZ	06/13/2006	0001	9.80 - 9.80	1900	FQ	# 40	-
	mg/L	0600	WL	06/12/2006	0001	27.00 - 27.00	2700	F	# 40	-
	mg/L	0601	WL	06/07/2006	0001	27.00 - 27.00	2100	F	# 40	-
	mg/L	0602	WL	06/07/2006	0001	18.00 - 18.00	300	F	# 10	-
	mg/L	0670	WL, EXT	06/05/2006	0001	40.00 - 40.00	3000		# 40	-
	mg/L	0671	WL, EXT	06/05/2006	0001	40.00 - 40.00	6000		# 100	-
	mg/L	0672	WL, EXT	06/05/2006	0001	40.00 - 40.00	7900		# 100	-
	mg/L	0673	WL, EXT	06/05/2006	0001	40.00 - 40.00	9500		# 100	-
	mg/L	0674	WL, EXT	06/05/2006	0001	40.00 - 40.00	8300		# 100	-
	mg/L	0675	WL, EXT	06/05/2006	0001	40.00 - 40.00	6600		# 100	-
	mg/L	0676	WL, EXT	06/05/2006	0001	40.00 - 40.00	3700		# 40	-
	mg/L	0677	WL, EXT	06/05/2006	0001	40.00 - 40.00	5200		# 100	-
	mg/L	0678	WL, EXT	06/05/2006	0001	40.00 - 40.00	4500		# 100	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	0679	WL, EXT	06/05/2006	0001	40.00 - 40.00	2800	#	40	-
	mg/L	0679	WL, EXT	06/05/2006	0002	40.00 - 40.00	2800	#	40	-
	mg/L	0680	WL	06/06/2006	0001	18.00 - 18.00	2400	F #	40	-
	mg/L	0681	WL	06/06/2006	0001	18.00 - 18.00	56	F #	1	-
	mg/L	0682	WL	06/06/2006	0001	28.00 - 28.00	2200	F #	40	-
	mg/L	0682	WL	06/06/2006	0002	28.00 - 28.00	2200	F #	40	-
	mg/L	0683	WL	06/06/2006	0001	27.00 - 27.00	2500	F #	40	-
	mg/L	0684	WL	06/06/2006	0001	18.00 - 18.00	120	F #	10	-
	mg/L	0685	WL	06/05/2006	0001	28.00 - 28.00	2400	F #	40	-
	mg/L	0686	WL	06/05/2006	0001	18.00 - 18.00	1100	F #	20	-
	mg/L	0687	WL	06/06/2006	0001	28.00 - 28.00	2700	F #	40	-
	mg/L	0688	WL	06/06/2006	0001	39.00 - 39.00	20000	F #	400	-
	mg/L	0689	WL	06/05/2006	0001	46.00 - 46.00	46000	F #	1000	-
	mg/L	0691	WL, PZ	06/12/2006	0001	4.90 - 4.90	2200	FQ #	40	-
	mg/L	0692	WL, PZ	06/12/2006	0001	9.60 - 9.60	1200	FQ #	40	-
	mg/L	SMI-PW01	WL	06/13/2006	0001	40.00 - 40.00	1600	F #	40	-
	mg/L	SMI-PW02	WL	06/14/2006	0001	20.04 - 60.04	21000	#	400	-
	mg/L	SMI-PZ1D2	WL	06/13/2006	0001	73.00 - 73.00	42000	F #	1000	-
	mg/L	SMI-PZ1M	WL	06/13/2006	0001	57.00 - 57.00	8400	F #	100	-
	mg/L	SMI-PZ1S	WL	06/13/2006	0001	18.00 - 18.00	1300	F #	40	-
Dissolved Oxygen	mg/L	0216	SL, RIV	06/13/2006	N001	0.00 - 0.00	8.96	#	-	-
	mg/L	0236	SL, RIV	06/13/2006	N001	0.00 - 0.00	6.70	#	-	-
	mg/L	0240	SL, RIV	06/13/2006	N001	0.00 - 0.00	9.04	#	-	-
	mg/L	0241	SL, RIV	06/13/2006	N001		8.77	#	-	-
	mg/L	0402	WL	06/12/2006	N001	17.00 - 17.00	5.38	F #	-	-
	mg/L	0403	WL	06/15/2006	N001	18.00 - 18.00	2.12	F #	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0404	WL	06/05/2006	N001	18.00 - 18.00	2.65	F #	-	-
	mg/L	0405	WL	06/14/2006	N001	18.00 - 18.00	1.46	F #	-	-
	mg/L	0407	WL	06/19/2006	N001	17.00 - 17.00	3.03	F #	-	-
	mg/L	0408	WL	06/07/2006	N001	26.00 - 26.00	2.48	F #	-	-
	mg/L	0470	WL, EXT	06/08/2006	N001	10.30 - 19.70	8.22	#	-	-
	mg/L	0471	WL, EXT	06/08/2006	N001	10.30 - 19.70	7.03	#	-	-
	mg/L	0472	WL, EXT	06/08/2006	N001	10.30 - 19.70	5.55	#	-	-
	mg/L	0473	WL, EXT	06/08/2006	N001	10.30 - 19.70	7.75	#	-	-
	mg/L	0474	WL, EXT	06/08/2006	N001	10.30 - 19.70	6.93	#	-	-
	mg/L	0475	WL, EXT	06/08/2006	N001	10.30 - 19.70	8.26	#	-	-
	mg/L	0476	WL, EXT	06/08/2006	N001	10.30 - 19.70	5.46	#	-	-
	mg/L	0477	WL, EXT	06/08/2006	N001	10.30 - 19.70	5.70	#	-	-
	mg/L	0478	WL, EXT	06/08/2006	N001	9.60 - 23.90	6.76	#	-	-
	mg/L	0479	WL, EXT	06/08/2006	N001	9.30 - 23.60	6.38	#	-	-
	mg/L	0480	WL	06/19/2006	N001	18.00 - 18.00	1.06	F #	-	-
	mg/L	0481	WL	06/19/2006	N001	28.00 - 28.00	0.84	F #	-	-
	mg/L	0482	WL	06/19/2006	N001	58.00 - 58.00	0.70	F #	-	-
	mg/L	0483	WL	06/19/2006	N001	18.00 - 18.00	1.10	F #	-	-
	mg/L	0484	WL	06/19/2006	N001	28.00 - 28.00	0.73	F #	-	-
	mg/L	0485	WL	06/19/2006	N001	58.00 - 58.00	0.20	F #	-	-
	mg/L	0488	WL	06/14/2006	N001	33.00 - 33.00	1.27	F #	-	-
	mg/L	0493	WL	06/14/2006	N001	46.00 - 46.00	1.26	F #	-	-
	mg/L	0494	WL, PZ	06/13/2006	N001	2.90 - 2.90	5.77	FQ #	-	-
	mg/L	0495	WL, PZ	06/13/2006	N001	5.10 - 5.10	6.55	FQ #	-	-
	mg/L	0547	TS, INFL	06/14/2006	N001	5.20 - 5.20	4.36	#	-	-
	mg/L	0548	TS, EPND	06/14/2006	N001	0.00 - 0.00	4.98	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0557	WL	06/19/2006	N001	40.00 - 40.00	1.13	F #	-	-
	mg/L	0558	WL	06/19/2006	N001	36.00 - 36.00	0.50	F #	-	-
	mg/L	0559	WL	06/19/2006	N001	19.00 - 19.00	1.90	F #	-	-
	mg/L	0560	WL	06/19/2006	N001	31.00 - 31.00	0.28	F #	-	-
	mg/L	0561	WL	06/15/2006	N001	50.00 - 50.00	1.03	F #	-	-
	mg/L	0570	WL, I&E	06/08/2006	N001	15.00 - 30.00	7.89	#	-	-
	mg/L	0571	WL, I&E	06/08/2006	N001	25.00 - 40.00	7.38	#	-	-
	mg/L	0572	WL, I&E	06/08/2006	N001	15.00 - 30.00	9.44	#	-	-
	mg/L	0573	WL, I&E	06/08/2006	N001	25.00 - 40.00	7.80	#	-	-
	mg/L	0575	WL, I&E	06/08/2006	N001	25.00 - 40.00	7.87	#	-	-
	mg/L	0577	WL, I&E	06/08/2006	N001	25.00 - 40.00	6.92	#	-	-
	mg/L	0579	WL, I&E	06/08/2006	N001	25.00 - 40.00	6.93	#	-	-
	mg/L	0580	WL	06/12/2006	N001	18.00 - 18.00	3.24	F #	-	-
	mg/L	0581	WL	06/12/2006	N001	18.00 - 18.00	1.01	F #	-	-
	mg/L	0582	WL	06/12/2006	N001	18.00 - 18.00	2.53	F #	-	-
	mg/L	0584	WL	06/07/2006	N001	18.00 - 18.00	2.23	F #	-	-
	mg/L	0585	WL	06/07/2006	N001	18.00 - 18.00	2.92	F #	-	-
	mg/L	0586	WL	06/06/2006	N001	18.00 - 18.00	2.22	F #	-	-
	mg/L	0587	WL	06/07/2006	N001	18.00 - 18.00	3.17	F #	-	-
	mg/L	0588	WL	06/07/2006	N001	34.00 - 34.00	3.11	F #	-	-
	mg/L	0589	WL	06/07/2006	N001	52.00 - 52.00	1.33	F #	-	-
	mg/L	0596	WL	06/15/2006	N001	24.00 - 24.00	1.96	F #	-	-
	mg/L	0597	WL, PZ	06/13/2006	N001	9.80 - 9.80	6.93	FQ #	-	-
	mg/L	0600	-WL	06/12/2006	N001	27.00 - 27.00	5.92	F #	-	-
	mg/L	0601	WL	06/07/2006	N001	27.00 - 27.00	2.24	F #	-	-
	mg/L	0602	WL	06/07/2006	N001	18.00 - 18.00	2.70	F #	-	-

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

REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:				
				DATE	ID			LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0670	WL, EXT	06/05/2006	N001	40.00 - 40.00	1.61		#	-	-	
	mg/L	0671	WL, EXT	06/05/2006	N001	40.00 - 40.00	2.11		#	-	-	
	mg/L	0672	WL, EXT	06/05/2006	N001	40.00 - 40.00	5.62		#	-	-	
	mg/L	0673	WL, EXT	06/05/2006	N001	40.00 - 40.00	5.22		#	-	-	
	mg/L	0674	WL, EXT	06/05/2006	N001	40.00 - 40.00	2.02		#	-	-	
	mg/L	0675	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.05		#	-	-	
	mg/L	0676	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.58		#	-	-	
	mg/L	0677	WL, EXT	06/05/2006	N001	40.00 - 40.00	4.96		#	-	-	
	mg/L	0678	WL, EXT	06/05/2006	N001	40.00 - 40.00	5.05		#	-	-	
	mg/L	0679	WL, EXT	06/05/2006	N001	40.00 - 40.00	5.49		#	-	-	
	mg/L	0680	WL	06/06/2006	N001	18.00 - 18.00	2.14	F	#	-	-	
	mg/L	0681	WL	06/06/2006	N001	18.00 - 18.00	0.99	F	#	-	-	
	mg/L	0682	WL	06/06/2006	N001	28.00 - 28.00	2.18	F	#	-	-	
	mg/L	0683	WL	06/06/2006	N001	27.00 - 27.00	1.41	F	#	-	-	
	mg/L	0684	WL	06/06/2006	N001	18.00 - 18.00	2.43	F	#	-	-	
	mg/L	0685	WL	06/05/2006	N001	28.00 - 28.00	2.00	F	#	-	-	
	mg/L	0686	WL	06/05/2006	N001	18.00 - 18.00	2.39	F	#	-	-	
	mg/L	0687	WL	06/06/2006	N001	28.00 - 28.00	2.07	F	#	-	-	
	mg/L	0688	WL	06/06/2006	N001	39.00 - 39.00	1.95	F	#	-	-	
	mg/L	0688	WL	06/06/2006	N001	31.00 - 31.00	2.46	F	#	-	-	
	mg/L	0689	WL	06/05/2006	N001	46.00 - 46.00	1.08	F	#	-	-	
	mg/L	0689	WL	06/05/2006	N001	54.00 - 54.00	1.83	F	#	-	-	
	mg/L	0690	WL, PZ	06/12/2006	N001		6.85	FQ	#	-	-	
	mg/L	0691	WL, PZ	06/12/2006	N001	4.90 - 4.90	7.25	FQ	#	-	-	
	mg/L	0692	WL, PZ	06/12/2006	N001	9.60 - 9.60	6.25	FQ	#	-	-	
	mg/L		SMI-PW01	WL	06/13/2006	N001	40.00 - 40.00	2.42	F	#	-	-

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

REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	SMI-PW02	WL	06/14/2006	N001	20.04 - 60.04	3.09		#	-
	mg/L	SMI-PZ1D2	WL	06/13/2006	N001	73.00 - 73.00	0.71	F	#	-
	mg/L	SMI-PZ1M	WL	06/13/2006	N001	57.00 - 57.00	1.18	F	#	-
	mg/L	SMI-PZ1S	WL	06/13/2006	N001	18.00 - 18.00	2.11	F	#	-
Oxidation Reduction Potent	mV	0216	SL, RIV	06/13/2006	N001	0.00 - 0.00	42.9		#	-
	mV	0236	SL, RIV	06/13/2006	N001	0.00 - 0.00	2.1		#	-
	mV	0240	SL, RIV	06/13/2006	N001	0.00 - 0.00	57.7		#	-
	mV	0241	SL, RIV	06/13/2006	N001		158.3		#	-
	mV	0402	WL	06/12/2006	N001	17.00 - 17.00	163.7	F	#	-
	mV	0403	WL	06/15/2006	N001	18.00 - 18.00	95	F	#	-
	mV	0404	WL	06/05/2006	N001	18.00 - 18.00	140.4	F	#	-
	mV	0405	WL	06/14/2006	N001	18.00 - 18.00	163	F	#	-
	mV	0407	WL	06/19/2006	N001	17.00 - 17.00	-67	F	#	-
	mV	0408	WL	06/07/2006	N001	26.00 - 26.00	200.1	F	#	-
	mV	0470	WL, EXT	06/08/2006	N001	10.30 - 19.70	256.8		#	-
	mV	0471	WL, EXT	06/08/2006	N001	10.30 - 19.70	261.9		#	-
	mV	0472	WL, EXT	06/08/2006	N001	10.30 - 19.70	258.0		#	-
	mV	0473	WL, EXT	06/08/2006	N001	10.30 - 19.70	260.7		#	-
	mV	0474	WL, EXT	06/08/2006	N001	10.30 - 19.70	263.1		#	-
	mV	0475	WL, EXT	06/08/2006	N001	10.30 - 19.70	265.9		#	-
	mV	0476	WL, EXT	06/08/2006	N001	10.30 - 19.70	261.5		#	-
	mV	0477	WL, EXT	06/08/2006	N001	10.30 - 19.70	259.4		#	-
	mV	0478	WL, EXT	06/08/2006	N001	9.60 - 23.90	271.3		#	-
	mV	0479	WL, EXT	06/08/2006	N001	9.30 - 23.60	273.5		#	-
mV	0480	WL	06/19/2006	N001	18.00 - 18.00	127	F	#	-	
mV	0481	WL	06/19/2006	N001	28.00 - 28.00	97	F	#	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0482	WL	06/19/2006	N001	58.00 - 58.00	99	F	#	-	-	
	mV	0483	WL	06/19/2006	N001	18.00 - 18.00	11.6	F	#	-	-	
	mV	0484	WL	06/19/2006	N001	28.00 - 28.00	46.1	F	#	-	-	
	mV	0485	WL	06/19/2006	N001	58.00 - 58.00	17.3	F	#	-	-	
	mV	0488	WL	06/14/2006	N001	33.00 - 33.00	168	F	#	-	-	
	mV	0493	WL	06/14/2006	N001	46.00 - 46.00	166	F	#	-	-	
	mV	0494	WL, PZ	06/13/2006	N001	2.90 - 2.90	43.9	FQ	#	-	-	
	mV	0495	WL, PZ	06/13/2006	N001	5.10 - 5.10	75.4	FQ	#	-	-	
	mV	0547	TS, INFL	06/14/2006	N001	5.20 - 5.20	150		#	-	-	
	mV	0548	TS, EPND	06/14/2006	N001	0.00 - 0.00	128		#	-	-	
	mV	0557	WL	06/19/2006	N001	40.00 - 40.00	73	F	#	-	-	
	mV	0558	WL	06/19/2006	N001	36.00 - 36.00	102	F	#	-	-	
	mV	0559	WL	06/19/2006	N001	19.00 - 19.00	-56.4	F	#	-	-	
	mV	0560	WL	06/19/2006	N001	31.00 - 31.00	165	F	#	-	-	
	mV	0561	WL	06/15/2006	N001	50.00 - 50.00	143	F	#	-	-	
	mV	0570	WL, I&E	06/08/2006	N001	15.00 - 30.00	212.7		#	-	-	
	mV	0571	WL, I&E	06/08/2006	N001	25.00 - 40.00	244.5		#	-	-	
	mV	0572	WL, I&E	06/08/2006	N001	15.00 - 30.00	231.6		#	-	-	
	mV	0573	WL, I&E	06/08/2006	N001	25.00 - 40.00	240.7		#	-	-	
	mV	0575	WL, I&E	06/08/2006	N001	25.00 - 40.00	249.9		#	-	-	
	mV	0577	WL, I&E	06/08/2006	N001	25.00 - 40.00	159.1		#	-	-	
	mV	0579	WL, I&E	06/08/2006	N001	25.00 - 40.00	183.4		#	-	-	
	mV	0580	WL	06/12/2006	N001	18.00 - 18.00	100.7	F	#	-	-	
	mV	0581	WL	06/12/2006	N001	18.00 - 18.00	102.5	F	#	-	-	
	mV	0582	WL	06/12/2006	N001	18.00 - 18.00	29.3	F	#	-	-	
	mV	0584	WL	06/07/2006	N001	18.00 - 18.00	82.3	F	#	-	-	

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

REPORT DATE: 9/14/2006 10:04 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	0585	WL	06/07/2006	N001	18.00 - 18.00	123.4	F	#		-	-
	mV	0586	WL	06/06/2006	N001	18.00 - 18.00	70.5	F	#		-	-
	mV	0587	WL	06/07/2006	N001	18.00 - 18.00	93.7	F	#		-	-
	mV	0588	WL	06/07/2006	N001	34.00 - 34.00	144.2	F	#		-	-
	mV	0589	WL	06/07/2006	N001	52.00 - 52.00	78.4	F	#		-	-
	mV	0596	WL	06/15/2006	N001	24.00 - 24.00	100	F	#		-	-
	mV	0597	WL, PZ	06/13/2006	N001	9.80 - 9.80	-18.3	FQ	#		-	-
	mV	0600	WL	06/12/2006	N001	27.00 - 27.00	143.2	F	#		-	-
	mV	0601	WL	06/07/2006	N001	27.00 - 27.00	200.3	F	#		-	-
	mV	0602	WL	06/07/2006	N001	18.00 - 18.00	139.2	F	#		-	-
	mV	0670	WL, EXT	06/05/2006	N001	40.00 - 40.00	189.6		#		-	-
	mV	0671	WL, EXT	06/05/2006	N001	40.00 - 40.00	187.3		#		-	-
	mV	0672	WL, EXT	06/05/2006	N001	40.00 - 40.00	177.9		#		-	-
	mV	0673	WL, EXT	06/05/2006	N001	40.00 - 40.00	181.2		#		-	-
	mV	0674	WL, EXT	06/05/2006	N001	40.00 - 40.00	180.0		#		-	-
	mV	0675	WL, EXT	06/05/2006	N001	40.00 - 40.00	179.3		#		-	-
	mV	0676	WL, EXT	06/05/2006	N001	40.00 - 40.00	168.3		#		-	-
	mV	0677	WL, EXT	06/05/2006	N001	40.00 - 40.00	172.6		#		-	-
	mV	0678	WL, EXT	06/05/2006	N001	40.00 - 40.00	178.6		#		-	-
	mV	0679	WL, EXT	06/05/2006	N001	40.00 - 40.00	178.7		#		-	-
	mV	0680	WL	06/06/2006	N001	18.00 - 18.00	122.9	F	#		-	-
	mV	0681	WL	06/06/2006	N001	18.00 - 18.00	-64.1	F	#		-	-
	mV	0682	WL	06/06/2006	N001	28.00 - 28.00	131.7	F	#		-	-
	mV	0683	WL	06/06/2006	N001	27.00 - 27.00	169.9	F	#		-	-
	mV	0684	WL	06/06/2006	N001	18.00 - 18.00	80.0	F	#		-	-
	mV	0685	WL	06/05/2006	N001	28.00 - 28.00	179.5	F	#		-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potent	mV	0686	WL	06/05/2006	N001	18.00 - 18.00	151.0	F #	-	-
	mV	0687	WL	06/06/2006	N001	28.00 - 28.00	175.1	F #	-	-
	mV	0688	WL	06/06/2006	N001	31.00 - 31.00	169.9	F #	-	-
	mV	0688	WL	06/06/2006	N001	39.00 - 39.00	189.3	F #	-	-
	mV	0689	WL	06/05/2006	N001	54.00 - 54.00	71.4	F #	-	-
	mV	0689	WL	06/05/2006	N001	46.00 - 46.00	54.3	F #	-	-
	mV	0690	WL, PZ	06/12/2006	N001		146.3	FQ #	-	-
	mV	0691	WL, PZ	06/12/2006	N001	4.90 - 4.90	184.2	FQ #	-	-
	mV	0692	WL, PZ	06/12/2006	N001	9.60 - 9.60	134.6	FQ #	-	-
	mV	SMI-PW01	WL	06/13/2006	N001	40.00 - 40.00	112.5	F #	-	-
	mV	SMI-PW02	WL	06/14/2006	N001	20.04 - 60.04	124	#	-	-
	mV	SMI-PZ1D2	WL	06/13/2006	N001	73.00 - 73.00	96.0	F #	-	-
	mV	SMI-PZ1M	WL	06/13/2006	N001	57.00 - 57.00	118.5	F #	-	-
	mV	SMI-PZ1S	WL	06/13/2006	N001	18.00 - 18.00	152.7	F #	-	-
	pH	s.u.	0216	SL, RIV	06/13/2006	N001	0.00 - 0.00	7.97	#	-
s.u.		0236	SL, RIV	06/13/2006	N001	0.00 - 0.00	7.48	#	-	-
s.u.		0240	SL, RIV	06/13/2006	N001	0.00 - 0.00	7.88	#	-	-
s.u.		0241	SL, RIV	06/13/2006	N001		7.77	#	-	-
s.u.		0402	WL	06/12/2006	N001	17.00 - 17.00	6.57	F #	-	-
s.u.		0403	WL	06/15/2006	N001	18.00 - 18.00	7.37	F #	-	-
s.u.		0404	WL	06/05/2006	N001	18.00 - 18.00	6.83	F #	-	-
s.u.		0405	WL	06/14/2006	N001	18.00 - 18.00	6.75	F #	-	-
s.u.		0407	WL	06/19/2006	N001	17.00 - 17.00	7.13	F #	-	-
s.u.		0408	*WL	06/07/2006	N001	26.00 - 26.00	6.78	F #	-	-
s.u.		0470	WL, EXT	06/08/2006	N001	10.30 - 19.70	7.08	#	-	-
s.u.		0471	WL, EXT	06/08/2006	N001	10.30 - 19.70	6.91	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			
				DATE	ID			LAB	DATA QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	0472	WL, EXT	06/08/2006	N001	10.30 - 19.70	6.89		#	-	-
	s.u.	0473	WL, EXT	06/08/2006	N001	10.30 - 19.70	6.85		#	-	-
	s.u.	0474	WL, EXT	06/08/2006	N001	10.30 - 19.70	6.84		#	-	-
	s.u.	0475	WL, EXT	06/08/2006	N001	10.30 - 19.70	6.85		#	-	-
	s.u.	0476	WL, EXT	06/08/2006	N001	10.30 - 19.70	6.83		#	-	-
	s.u.	0477	WL, EXT	06/08/2006	N001	10.30 - 19.70	6.86		#	-	-
	s.u.	0478	WL, EXT	06/08/2006	N001	9.60 - 23.90	6.86		#	-	-
	s.u.	0479	WL, EXT	06/08/2006	N001	9.30 - 23.60	6.75		#	-	-
	s.u.	0480	WL	06/19/2006	N001	18.00 - 18.00	6.57	F	#	-	-
	s.u.	0481	WL	06/19/2006	N001	28.00 - 28.00	6.64	F	#	-	-
	s.u.	0482	WL	06/19/2006	N001	58.00 - 58.00	6.56	F	#	-	-
	s.u.	0483	WL	06/19/2006	N001	18.00 - 18.00	7.66	F	#	-	-
	s.u.	0484	WL	06/19/2006	N001	28.00 - 28.00	6.58	F	#	-	-
	s.u.	0485	WL	06/19/2006	N001	58.00 - 58.00	6.50	F	#	-	-
	s.u.	0488	WL	06/14/2006	N001	33.00 - 33.00	6.88	F	#	-	-
	s.u.	0493	WL	06/14/2006	N001	46.00 - 46.00	7.05	F	#	-	-
	s.u.	0494	WL, PZ	06/13/2006	N001	2.90 - 2.90	7.49	FQ	#	-	-
	s.u.	0495	WL, PZ	06/13/2006	N001	5.10 - 5.10	6.87	FQ	#	-	-
	s.u.	0547	TS, INFL	06/14/2006	N001	5.20 - 5.20	6.97		#	-	-
	s.u.	0548	TS, EPND	06/14/2006	N001	0.00 - 0.00	7.72		#	-	-
	s.u.	0557	WL	06/19/2006	N001	40.00 - 40.00	6.66	F	#	-	-
	s.u.	0558	WL	06/19/2006	N001	36.00 - 36.00	6.60	F	#	-	-
	s.u.	0559	WL	06/19/2006	N001	19.00 - 19.00	7.04	F	#	-	-
	s.u.	0560	-WL	06/19/2006	N001	31.00 - 31.00	6.75	F	#	-	-
	s.u.	0561	WL	06/15/2006	N001	50.00 - 50.00	6.70	F	#	-	-
	s.u.	0570	WL, I&E	06/08/2006	N001	15.00 - 30.00	7.00		#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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.	0571	WL, I&E	06/08/2006	N001	25.00 - 40.00	7.71	#	-	-
	s.u.	0572	WL, I&E	06/08/2006	N001	15.00 - 30.00	6.83	#	-	-
	s.u.	0573	WL, I&E	06/08/2006	N001	25.00 - 40.00	6.89	#	-	-
	s.u.	0575	WL, I&E	06/08/2006	N001	25.00 - 40.00	7.12	#	-	-
	s.u.	0577	WL, I&E	06/08/2006	N001	25.00 - 40.00	6.91	#	-	-
	s.u.	0579	WL, I&E	06/08/2006	N001	25.00 - 40.00	7.70	#	-	-
	s.u.	0580	WL	06/12/2006	N001	18.00 - 18.00	7.19	F #	-	-
	s.u.	0581	WL	06/12/2006	N001	18.00 - 18.00	6.73	F #	-	-
	s.u.	0582	WL	06/12/2006	N001	18.00 - 18.00	6.92	F #	-	-
	s.u.	0584	WL	06/07/2006	N001	18.00 - 18.00	6.71	F #	-	-
	s.u.	0585	WL	06/07/2006	N001	18.00 - 18.00	6.68	F #	-	-
	s.u.	0586	WL	06/06/2006	N001	18.00 - 18.00	6.66	F #	-	-
	s.u.	0587	WL	06/07/2006	N001	18.00 - 18.00	6.82	F #	-	-
	s.u.	0588	WL	06/07/2006	N001	34.00 - 34.00	6.98	F #	-	-
	s.u.	0589	WL	06/07/2006	N001	52.00 - 52.00	6.70	F #	-	-
	s.u.	0596	WL	06/15/2006	N001	24.00 - 24.00	7.61	F #	-	-
	s.u.	0597	WL, PZ	06/13/2006	N001	9.80 - 9.80	8.37	FQ #	-	-
	s.u.	0600	WL	06/12/2006	N001	27.00 - 27.00	6.75	F #	-	-
	s.u.	0601	WL	06/07/2006	N001	27.00 - 27.00	6.70	F #	-	-
	s.u.	0602	WL	06/07/2006	N001	18.00 - 18.00	6.78	F #	-	-
	s.u.	0670	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.38	#	-	-
	s.u.	0671	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.39	#	-	-
	s.u.	0672	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.40	#	-	-
	s.u.	0673	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.41	#	-	-
	s.u.	0674	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.31	#	-	-
	s.u.	0675	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.44	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: DETECTION UN-			
				DATE	ID			LAB DATA QA	LIMIT	CERTAINTY	
pH	s.u.	0676	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.19	#	-	-	
	s.u.	0677	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.10	#	-	-	
	s.u.	0678	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.28	#	-	-	
	s.u.	0679	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.32	#	-	-	
	s.u.	0680	WL	06/06/2006	N001	18.00 - 18.00	6.61	F	#	-	-
	s.u.	0681	WL	06/06/2006	N001	18.00 - 18.00	6.84	F	#	-	-
	s.u.	0682	WL	06/06/2006	N001	28.00 - 28.00	6.71	F	#	-	-
	s.u.	0683	WL	06/06/2006	N001	27.00 - 27.00	6.72	F	#	-	-
	s.u.	0684	WL	06/06/2006	N001	18.00 - 18.00	6.82	F	#	-	-
	s.u.	0685	WL	06/05/2006	N001	28.00 - 28.00	6.77	F	#	-	-
	s.u.	0686	WL	06/05/2006	N001	18.00 - 18.00	6.13	F	#	-	-
	s.u.	0687	WL	06/06/2006	N001	28.00 - 28.00	6.58	F	#	-	-
	s.u.	0688	WL	06/06/2006	N001	39.00 - 39.00	6.59	F	#	-	-
	s.u.	0688	WL	06/06/2006	N001	31.00 - 31.00	6.64	F	#	-	-
	s.u.	0689	WL	06/05/2006	N001	46.00 - 46.00	6.77	F	#	-	-
	s.u.	0689	WL	06/05/2006	N001	54.00 - 54.00	6.88	F	#	-	-
	s.u.	0690	WL, PZ	06/12/2006	N001		7.51	FQ	#	-	-
	s.u.	0691	WL, PZ	06/12/2006	N001	4.90 - 4.90	7.20	FQ	#	-	-
	s.u.	0692	WL, PZ	06/12/2006	N001	9.60 - 9.60	7.89	FQ	#	-	-
	Specific Conductance	s.u.	SMI-PW01	WL	06/13/2006	N001	40.00 - 40.00	6.82	F	#	-
s.u.		SMI-PW02	WL	06/14/2006	N001	20.04 - 60.04	6.81		#	-	-
s.u.		SMI-PZ1D2	WL	06/13/2006	N001	73.00 - 73.00	6.62	F	#	-	-
s.u.		SMI-PZ1M	WL	06/13/2006	N001	57.00 - 57.00	6.84	F	#	-	-
s.u.		SMI-PZ1S	WL	06/13/2006	N001	18.00 - 18.00	6.85	F	#	-	-
umhos/cm		0216	SL, RIV	06/13/2006	N001	0.00 - 0.00	491		#	-	-
umhos/cm		0236	SL, RIV	06/13/2006	N001	0.00 - 0.00	492		#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0240	SL, RIV	06/13/2006	N001	0.00 - 0.00	497		# -	-
	umhos/cm	0241	SL, RIV	06/13/2006	N001		1264		# -	-
	umhos/cm	0402	WL	06/12/2006	N001	17.00 - 17.00	6716	F	# -	-
	umhos/cm	0403	WL	06/15/2006	N001	18.00 - 18.00	1486	F	# -	-
	umhos/cm	0404	WL	06/05/2006	N001	18.00 - 18.00	15820	F	# -	-
	umhos/cm	0405	WL	06/14/2006	N001	18.00 - 18.00	18220	F	# -	-
	umhos/cm	0407	WL	06/19/2006	N001	17.00 - 17.00	2047	F	# -	-
	umhos/cm	0408	WL	06/07/2006	N001	26.00 - 26.00	19030	F	# -	-
	umhos/cm	0470	WL, EXT	06/08/2006	N001	10.30 - 19.70	10010		# -	-
	umhos/cm	0471	WL, EXT	06/08/2006	N001	10.30 - 19.70	15190		# -	-
	umhos/cm	0472	WL, EXT	06/08/2006	N001	10.30 - 19.70	11870		# -	-
	umhos/cm	0473	WL, EXT	06/08/2006	N001	10.30 - 19.70	12110		# -	-
	umhos/cm	0474	WL, EXT	06/08/2006	N001	10.30 - 19.70	12320		# -	-
	umhos/cm	0475	WL, EXT	06/08/2006	N001	10.30 - 19.70	11870		# -	-
	umhos/cm	0476	WL, EXT	06/08/2006	N001	10.30 - 19.70	9153		# -	-
	umhos/cm	0477	WL, EXT	06/08/2006	N001	10.30 - 19.70	9912		# -	-
	umhos/cm	0478	WL, EXT	06/08/2006	N001	9.60 - 23.90	15230		# -	-
	umhos/cm	0479	WL, EXT	06/08/2006	N001	9.30 - 23.60	9976		# -	-
	umhos/cm	0480	WL	06/19/2006	N001	18.00 - 18.00	19530	F	# -	-
	umhos/cm	0481	WL	06/19/2006	N001	28.00 - 28.00	26400	F	# -	-
	umhos/cm	0482	WL	06/19/2006	N001	58.00 - 58.00	106600	F	# -	-
	umhos/cm	0483	WL	06/19/2006	N001	18.00 - 18.00	4536	F	# -	-
	umhos/cm	0484	WL	06/19/2006	N001	28.00 - 28.00	40730	F	# -	-
	umhos/cm	0485	WL	06/19/2006	N001	58.00 - 58.00	105000	F	# -	-
	umhos/cm	0488	WL	06/14/2006	N001	33.00 - 33.00	18440	F	# -	-
	umhos/cm	0493	WL	06/14/2006	N001	46.00 - 46.00	22630	F	# -	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0494	WL, PZ	06/13/2006	N001	2.90 - 2.90	10540	FQ	#	-	-	
	umhos/cm	0495	WL, PZ	06/13/2006	N001	5.10 - 5.10	22970	FQ	#	-	-	
	umhos/cm	0547	TS, INFL	06/14/2006	N001	5.20 - 5.20	33090		#	-	-	
	umhos/cm	0548	TS, EPND	06/14/2006	N001	0.00 - 0.00	34100		#	-	-	
	umhos/cm	0557	WL	06/19/2006	N001	40.00 - 40.00	27750	F	#	-	-	
	umhos/cm	0558	WL	06/19/2006	N001	36.00 - 36.00	58210	F	#	-	-	
	umhos/cm	0559	WL	06/19/2006	N001	19.00 - 19.00	1064	F	#	-	-	
	umhos/cm	0560	WL	06/19/2006	N001	31.00 - 31.00	36930	F	#	-	-	
	umhos/cm	0561	WL	06/15/2006	N001	50.00 - 50.00	92100	F	#	-	-	
	umhos/cm	0570	WL, I&E	06/08/2006	N001	15.00 - 30.00	4110		#	-	-	
	umhos/cm	0571	WL, I&E	06/08/2006	N001	25.00 - 40.00	1103		#	-	-	
	umhos/cm	0572	WL, I&E	06/08/2006	N001	15.00 - 30.00	17660		#	-	-	
	umhos/cm	0573	WL, I&E	06/08/2006	N001	25.00 - 40.00	40990		#	-	-	
	umhos/cm	0575	WL, I&E	06/08/2006	N001	25.00 - 40.00	32850		#	-	-	
	umhos/cm	0577	WL, I&E	06/08/2006	N001	25.00 - 40.00	26710		#	-	-	
	umhos/cm	0579	WL, I&E	06/08/2006	N001	25.00 - 40.00	803		#	-	-	
	umhos/cm	0580	WL	06/12/2006	N001	18.00 - 18.00	2030	F	#	-	-	
	umhos/cm	0581	WL	06/12/2006	N001	18.00 - 18.00	11840	F	#	-	-	
	umhos/cm	0582	WL	06/12/2006	N001	18.00 - 18.00	2302	F	#	-	-	
	umhos/cm	0584	WL	06/07/2006	N001	18.00 - 18.00	30540	F	#	-	-	
	umhos/cm	0585	WL	06/07/2006	N001	18.00 - 18.00	5470	F	#	-	-	
	umhos/cm	0586	WL	06/06/2006	N001	18.00 - 18.00	6104	F	#	-	-	
	umhos/cm	0587	WL	06/07/2006	N001	18.00 - 18.00	7478	F	#	-	-	
	umhos/cm	0588	WL	06/07/2006	N001	34.00 - 34.00	5154	F	#	-	-	
	umhos/cm	0589	WL	06/07/2006	N001	52.00 - 52.00	103000	F	#	-	-	
	umhos/cm	0596	WL	06/15/2006	N001	24.00 - 24.00	4465	F	#	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0597	WL, PZ	06/13/2006	N001	9.80 - 9.80	1545	FQ	#	-	-	
	umhos/cm	0600	WL	06/12/2006	N001	27.00 - 27.00	23090	F	#	-	-	
	umhos/cm	0601	WL	06/07/2006	N001	27.00 - 27.00	19590	F	#	-	-	
	umhos/cm	0602	WL	06/07/2006	N001	18.00 - 18.00	4572	F	#	-	-	
	umhos/cm	0670	WL, EXT	06/05/2006	N001	40.00 - 40.00	20040		#	-	-	
	umhos/cm	0671	WL, EXT	06/05/2006	N001	40.00 - 40.00	27150		#	-	-	
	umhos/cm	0672	WL, EXT	06/05/2006	N001	40.00 - 40.00	31180		#	-	-	
	umhos/cm	0673	WL, EXT	06/05/2006	N001	40.00 - 40.00	36950		#	-	-	
	umhos/cm	0674	WL, EXT	06/05/2006	N001	40.00 - 40.00	33590		#	-	-	
	umhos/cm	0675	WL, EXT	06/05/2006	N001	40.00 - 40.00	31770		#	-	-	
	umhos/cm	0676	WL, EXT	06/05/2006	N001	40.00 - 40.00	25090		#	-	-	
	umhos/cm	0677	WL, EXT	06/05/2006	N001	40.00 - 40.00	28630		#	-	-	
	umhos/cm	0678	WL, EXT	06/05/2006	N001	40.00 - 40.00	25630		#	-	-	
	umhos/cm	0679	WL, EXT	06/05/2006	N001	40.00 - 40.00	22160		#	-	-	
	umhos/cm	0680	WL	06/06/2006	N001	18.00 - 18.00	21650	F	#	-	-	
	umhos/cm	0681	WL	06/06/2006	N001	18.00 - 18.00	2946	F	#	-	-	
	umhos/cm	0682	WL	06/06/2006	N001	28.00 - 28.00	20920	F	#	-	-	
	umhos/cm	0683	WL	06/06/2006	N001	27.00 - 27.00	22450	F	#	-	-	
	umhos/cm	0684	WL	06/06/2006	N001	18.00 - 18.00	4802	F	#	-	-	
	umhos/cm	0685	WL	06/05/2006	N001	28.00 - 28.00	22360	F	#	-	-	
	umhos/cm	0686	WL	06/05/2006	N001	18.00 - 18.00	10410	F	#	-	-	
	umhos/cm	0687	WL	06/06/2006	N001	28.00 - 28.00	22620	F	#	-	-	
	umhos/cm	0688	WL	06/06/2006	N001	31.00 - 31.00	28690	F	#	-	-	
	umhos/cm	0688	WL	06/06/2006	N001	39.00 - 39.00	63450	F	#	-	-	
	umhos/cm	0689	WL	06/05/2006	N001	46.00 - 46.00	112400	F	#	-	-	
	umhos/cm	0689	WL	06/05/2006	N001	54.00 - 54.00	115700	F	#	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0690	WL, PZ	06/12/2006	N001		882	FQ	#	-	-	
	umhos/cm	0691	WL, PZ	06/12/2006	N001	4.90 - 4.90	6549	FQ	#	-	-	
	umhos/cm	0692	WL, PZ	06/12/2006	N001	9.60 - 9.60	762	FQ	#	-	-	
	umhos/cm	SMI-PW01	WL	06/13/2006	N001	40.00 - 40.00	17630	F	#	-	-	
	umhos/cm	SMI-PW02	WL	06/14/2006	N001	20.04 - 60.04	60240		#	-	-	
	umhos/cm	SMI-PZ1D2	WL	06/13/2006	N001	73.00 - 73.00	106700	F	#	-	-	
	umhos/cm	SMI-PZ1M	WL	06/13/2006	N001	57.00 - 57.00	40650	F	#	-	-	
	umhos/cm	SMI-PZ1S	WL	06/13/2006	N001	18.00 - 18.00	14270	F	#	-	-	
Sulfate	mg/L	0216	SL, RIV	06/13/2006	0001	0.00 - 0.00	98		#	5	-	
	mg/L	0236	SL, RIV	06/13/2006	0001	0.00 - 0.00	97		#	5	-	
	mg/L	0240	SL, RIV	06/13/2006	0001	0.00 - 0.00	96		#	5	-	
	mg/L	0241	SL, RIV	06/13/2006	0001	0.00 - 0.00	98		#	5	-	
	mg/L	0402	WL	06/12/2006	0001	17.00 - 17.00	2200	F	#	50	-	
	mg/L	0403	WL	06/15/2006	0001	18.00 - 18.00	390	F	#	10	-	
	mg/L	0404	WL	06/05/2006	0001	18.00 - 18.00	6200	F	#	100	-	
	mg/L	0405	WL	06/14/2006	0001	18.00 - 18.00	8600	F	#	100	-	
	mg/L	0407	WL	06/19/2006	0001	17.00 - 17.00	990	F	#	10	-	
	mg/L	0407	WL	06/19/2006	0002	17.00 - 17.00	970	F	#	10	-	
	mg/L	0408	WL	06/07/2006	0001	26.00 - 26.00	8200	F	#	100	-	
	mg/L	0470	WL, EXT	06/08/2006	0001	10.30 - 19.70	2500		#	50	-	
	mg/L	0471	WL, EXT	06/08/2006	0001	10.30 - 19.70	4400		#	100	-	
	mg/L	0472	WL, EXT	06/08/2006	0001	10.30 - 19.70	3400		#	50	-	
	mg/L	0473	WL, EXT	06/08/2006	0001	10.30 - 19.70	4000		#	50	-	
	mg/L	0474	WL, EXT	06/08/2006	0001	10.30 - 19.70	4200		#	50	-	
	mg/L	0475	WL, EXT	06/08/2006	0001	10.30 - 19.70	4400		#	50	-	
	mg/L	0476	WL, EXT	06/08/2006	0001	10.30 - 19.70	3500		#	50	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	0477	WL, EXT	06/08/2006	0001	10.30 - 19.70	4000			#	50	-
	mg/L	0478	WL, EXT	06/08/2006	0001	9.60 - 23.90	5900			#	100	-
	mg/L	0479	WL, EXT	06/08/2006	0001	9.30 - 23.60	7900			#	100	-
	mg/L	0480	WL	06/19/2006	0001	18.00 - 18.00	9200	F		#	100	-
	mg/L	0481	WL	06/19/2006	0001	28.00 - 28.00	10000	F		#	250	-
	mg/L	0482	WL	06/19/2006	0001	58.00 - 58.00	6600	F		#	50	-
	mg/L	0483	WL	06/19/2006	0001	18.00 - 18.00	870	F		#	25	-
	mg/L	0484	WL	06/19/2006	0001	28.00 - 28.00	10000	F		#	250	-
	mg/L	0485	WL	06/19/2006	0001	58.00 - 58.00	6900	F		#	50	-
	mg/L	0488	WL	06/14/2006	0001	33.00 - 33.00	9300	F		#	100	-
	mg/L	0493	WL	06/14/2006	0001	46.00 - 46.00	12000	F		#	100	-
	mg/L	0493	WL	06/14/2006	0002	46.00 - 46.00	12000	F		#	100	-
	mg/L	0494	WL, PZ	06/13/2006	0001	2.90 - 2.90	20000	FQ		#	250	-
	mg/L	0495	WL, PZ	06/13/2006	0001	5.10 - 5.10	12000	FQ		#	250	-
	mg/L	0547	TS, INFL	06/14/2006	0001	5.20 - 5.20	8200			#	250	-
	mg/L	0548	TS, EPND	06/14/2006	0001	0.00 - 0.00	8200			#	250	-
	mg/L	0557	WL	06/19/2006	0001	40.00 - 40.00	9200	F		#	250	-
	mg/L	0558	WL	06/19/2006	0001	36.00 - 36.00	11000	F		#	250	-
	mg/L	0558	WL	06/19/2006	0002	36.00 - 36.00	11000	F		#	250	-
	mg/L	0559	WL	06/19/2006	0001	19.00 - 19.00	210	F		#	5	-
	mg/L	0560	WL	06/19/2006	0001	31.00 - 31.00	7400	F		#	250	-
	mg/L	0561	WL	06/15/2006	0001	50.00 - 50.00	8700	F		#	50	-
	mg/L	0570	WL, I&E	06/08/2006	0001	15.00 - 30.00	1900			#	50	-
	mg/L	0571	WL, I&E	06/08/2006	0001	25.00 - 40.00	220			#	5	-
	mg/L	0572	WL, I&E	06/08/2006	0001	15.00 - 30.00	4500			#	100	-
	mg/L	0573	WL, I&E	06/08/2006	0001	25.00 - 40.00	6400			#	250	-

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

REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	0575	WL, I&E	06/08/2006	0001	25.00 - 40.00	5600			#	250	-
	mg/L	0577	WL, I&E	06/08/2006	0001	25.00 - 40.00	6600			#	100	-
	mg/L	0579	WL, I&E	06/08/2006	0001	25.00 - 40.00	120			#	5	-
	mg/L	0579	WL, I&E	06/08/2006	0002	25.00 - 40.00	120			#	5	-
	mg/L	0580	WL	06/12/2006	0001	18.00 - 18.00	770	F		#	10	-
	mg/L	0581	WL	06/12/2006	0001	18.00 - 18.00	4500	F		#	50	-
	mg/L	0582	WL	06/12/2006	0001	18.00 - 18.00	1100	F		#	10	-
	mg/L	0584	WL	06/07/2006	0001	18.00 - 18.00	14000	F		#	250	-
	mg/L	0585	WL	06/07/2006	0001	18.00 - 18.00	2400	F		#	50	-
	mg/L	0586	WL	06/06/2006	0001	18.00 - 18.00	2300	F		#	50	-
	mg/L	0586	WL	06/06/2006	0002	18.00 - 18.00	2200	F		#	50	-
	mg/L	0587	WL	06/07/2006	0001	18.00 - 18.00	2400	F		#	50	-
	mg/L	0588	WL	06/07/2006	0001	34.00 - 34.00	2000	F		#	50	-
	mg/L	0589	WL	06/07/2006	0001	52.00 - 52.00	7300	F		#	50	-
	mg/L	0596	WL	06/15/2006	0001	24.00 - 24.00	940	F		#	25	-
	mg/L	0597	WL, PZ	06/13/2006	0001	9.80 - 9.80	8900	FQ		#	100	-
	mg/L	0600	WL	06/12/2006	0001	27.00 - 27.00	11000	F		#	100	-
	mg/L	0601	WL	06/07/2006	0001	27.00 - 27.00	8700	F		#	100	-
	mg/L	0602	WL	06/07/2006	0001	18.00 - 18.00	2000	F		#	25	-
	mg/L	0670	WL, EXT	06/05/2006	0001	40.00 - 40.00	7600			#	100	-
	mg/L	0671	WL, EXT	06/05/2006	0001	40.00 - 40.00	7800			#	100	-
	mg/L	0672	WL, EXT	06/05/2006	0001	40.00 - 40.00	7300			#	250	-
	mg/L	0673	WL, EXT	06/05/2006	0001	40.00 - 40.00	7700			#	250	-
	mg/L	0674	WL, EXT	06/05/2006	0001	40.00 - 40.00	8900			#	250	-
	mg/L	0675	WL, EXT	06/05/2006	0001	40.00 - 40.00	9300			#	250	-
	mg/L	0676	WL, EXT	06/05/2006	0001	40.00 - 40.00	9300			#	100	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0677	WL, EXT	06/05/2006	0001	40.00 - 40.00	9900		# 250	-
	mg/L	0678	WL, EXT	06/05/2006	0001	40.00 - 40.00	9200		# 100	-
	mg/L	0679	WL, EXT	06/05/2006	0001	40.00 - 40.00	8800		# 100	-
	mg/L	0679	WL, EXT	06/05/2006	0002	40.00 - 40.00	8800		# 100	-
	mg/L	0680	WL	06/06/2006	0001	18.00 - 18.00	9400	F	# 100	-
	mg/L	0681	WL	06/06/2006	0001	18.00 - 18.00	1500	F	# 25	-
	mg/L	0682	WL	06/06/2006	0001	28.00 - 28.00	9300	F	# 100	-
	mg/L	0682	WL	06/06/2006	0002	28.00 - 28.00	9000	F	# 100	-
	mg/L	0683	WL	06/06/2006	0001	27.00 - 27.00	9400	F	# 100	-
	mg/L	0684	WL	06/06/2006	0001	18.00 - 18.00	2400	F	# 25	-
	mg/L	0685	WL	06/05/2006	0001	28.00 - 28.00	9400	F	# 100	-
	mg/L	0686	WL	06/05/2006	0001	18.00 - 18.00	3900	F	# 50	-
	mg/L	0687	WL	06/06/2006	0001	28.00 - 28.00	9500	F	# 100	-
	mg/L	0688	WL	06/06/2006	0001	39.00 - 39.00	11000	F	# 250	-
	mg/L	0689	WL	06/05/2006	0001	46.00 - 46.00	5600	F	# 50	-
	mg/L	0691	WL, PZ	06/12/2006	0001	4.90 - 4.90	5800	FQ	# 100	-
	mg/L	0692	WL, PZ	06/12/2006	0001	9.60 - 9.60	9400	FQ	# 50	-
	mg/L	SMI-PW01	WL	06/13/2006	0001	40.00 - 40.00	8000	F	# 100	-
	mg/L	SMI-PW02	WL	06/14/2006	0001	20.04 - 60.04	8400		# 250	-
	mg/L	SMI-PZ1D2	WL	06/13/2006	0001	73.00 - 73.00	8400	F	# 50	-
mg/L	SMI-PZ1M	WL	06/13/2006	0001	57.00 - 57.00	16000	F	# 250	-	
mg/L	SMI-PZ1S	WL	06/13/2006	0001	18.00 - 18.00	6600	F	# 100	-	
Temperature	C	0216	SL, RIV	06/13/2006	N001	0.00 - 0.00	19.55		# -	-
	C	0236	SL, RIV	06/13/2006	N001	0.00 - 0.00	19.70		# -	-
	C	0240	SL, RIV	06/13/2006	N001	0.00 - 0.00	19.83		# -	-
	C	0241	SL, RIV	06/13/2006	N001		19.46		# -	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0402	WL	06/12/2006	N001	17.00 - 17.00	17.57	F	#	-	-	
	C	0403	WL	06/15/2006	N001	18.00 - 18.00	16.08	F	#	-	-	
	C	0404	WL	06/05/2006	N001	18.00 - 18.00	21.02	F	#	-	-	
	C	0405	WL	06/14/2006	N001	18.00 - 18.00	15.77	F	#	-	-	
	C	0407	WL	06/19/2006	N001	17.00 - 17.00	19.57	F	#	-	-	
	C	0408	WL	06/07/2006	N001	26.00 - 26.00	16.79	F	#	-	-	
	C	0470	WL, EXT	06/08/2006	N001	10.30 - 19.70	14.97		#	-	-	
	C	0471	WL, EXT	06/08/2006	N001	10.30 - 19.70	14.55		#	-	-	
	C	0472	WL, EXT	06/08/2006	N001	10.30 - 19.70	14.48		#	-	-	
	C	0473	WL, EXT	06/08/2006	N001	10.30 - 19.70	15.04		#	-	-	
	C	0474	WL, EXT	06/08/2006	N001	10.30 - 19.70	15.16		#	-	-	
	C	0475	WL, EXT	06/08/2006	N001	10.30 - 19.70	14.84		#	-	-	
	C	0476	WL, EXT	06/08/2006	N001	10.30 - 19.70	14.77		#	-	-	
	C	0477	WL, EXT	06/08/2006	N001	10.30 - 19.70	15.28		#	-	-	
	C	0478	WL, EXT	06/08/2006	N001	9.60 - 23.90	14.84		#	-	-	
	C	0479	WL, EXT	06/08/2006	N001	9.30 - 23.60	15.57		#	-	-	
	C	0480	WL	06/19/2006	N001	18.00 - 18.00	21.19	F	#	-	-	
	C	0481	WL	06/19/2006	N001	28.00 - 28.00	22.93	F	#	-	-	
	C	0482	WL	06/19/2006	N001	58.00 - 58.00	21.09	F	#	-	-	
	C	0483	WL	06/19/2006	N001	18.00 - 18.00	17.00	F	#	-	-	
	C	0484	WL	06/19/2006	N001	28.00 - 28.00	17.76	F	#	-	-	
	C	0485	WL	06/19/2006	N001	58.00 - 58.00	17.13	F	#	-	-	
	C	0488	WL	06/14/2006	N001	33.00 - 33.00	16.96	F	#	-	-	
	C	0493	WL	06/14/2006	N001	46.00 - 46.00	18.77	F	#	-	-	
	C	0494	WL, PZ	06/13/2006	N001	2.90 - 2.90	29.21	FQ	#	-	-	
	C	0495	WL, PZ	06/13/2006	N001	5.10 - 5.10	23.65	FQ	#	-	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0547	TS, INFL	06/14/2006	N001	5.20 - 5.20	23.64	#	-	-
	C	0548	TS, EPND	06/14/2006	N001	0.00 - 0.00	28.99	#	-	-
	C	0557	WL	06/19/2006	N001	40.00 - 40.00	23.15	F #	-	-
	C	0558	WL	06/19/2006	N001	36.00 - 36.00	22.39	F #	-	-
	C	0559	WL	06/19/2006	N001	19.00 - 19.00	15.65	F #	-	-
	C	0560	WL	06/19/2006	N001	31.00 - 31.00	15.42	F #	-	-
	C	0561	WL	06/15/2006	N001	50.00 - 50.00	17.77	F #	-	-
	C	0570	WL, I&E	06/08/2006	N001	15.00 - 30.00	14.50	#	-	-
	C	0571	WL, I&E	06/08/2006	N001	25.00 - 40.00	21.16	#	-	-
	C	0572	WL, I&E	06/08/2006	N001	15.00 - 30.00	15.89	#	-	-
	C	0573	WL, I&E	06/08/2006	N001	25.00 - 40.00	15.63	#	-	-
	C	0575	WL, I&E	06/08/2006	N001	25.00 - 40.00	15.67	#	-	-
	C	0577	WL, I&E	06/08/2006	N001	25.00 - 40.00	15.93	#	-	-
	C	0579	WL, I&E	06/08/2006	N001	25.00 - 40.00	21.22	#	-	-
	C	0580	WL	06/12/2006	N001	18.00 - 18.00	23.81	F #	-	-
	C	0581	WL	06/12/2006	N001	18.00 - 18.00	18.65	F #	-	-
	C	0582	WL	06/12/2006	N001	18.00 - 18.00	17.13	F #	-	-
	C	0584	WL	06/07/2006	N001	18.00 - 18.00	19.54	F #	-	-
	C	0585	WL	06/07/2006	N001	18.00 - 18.00	16.05	F #	-	-
	C	0586	WL	06/06/2006	N001	18.00 - 18.00	17.42	F #	-	-
	C	0587	WL	06/07/2006	N001	18.00 - 18.00	17.27	F #	-	-
	C	0588	WL	06/07/2006	N001	34.00 - 34.00	17.29	F #	-	-
	C	0589	WL	06/07/2006	N001	52.00 - 52.00	21.45	F #	-	-
	C	0596	WL	06/15/2006	N001	24.00 - 24.00	16.44	F #	-	-
	C	0597	WL, PZ	06/13/2006	N001	9.80 - 9.80	26.36	FQ #	-	-
	C	0600	WL	06/12/2006	N001	27.00 - 27.00	21.47	F #	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0601	WL	06/07/2006	N001	27.00 - 27.00	18.66	F #	-	-
	C	0602	WL	06/07/2006	N001	18.00 - 18.00	17.50	F #	-	-
	C	0670	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.12	#	-	-
	C	0671	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.33	#	-	-
	C	0672	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.52	#	-	-
	C	0673	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.51	#	-	-
	C	0674	WL, EXT	06/05/2006	N001	40.00 - 40.00	16.22	#	-	-
	C	0675	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.56	#	-	-
	C	0676	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.53	#	-	-
	C	0677	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.47	#	-	-
	C	0678	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.89	#	-	-
	C	0679	WL, EXT	06/05/2006	N001	40.00 - 40.00	15.55	#	-	-
	C	0680	WL	06/06/2006	N001	18.00 - 18.00	20.04	F #	-	-
	C	0681	WL	06/06/2006	N001	18.00 - 18.00	17.64	F #	-	-
	C	0682	WL	06/06/2006	N001	28.00 - 28.00	19.25	F #	-	-
	C	0683	WL	06/06/2006	N001	27.00 - 27.00	20.14	F #	-	-
	C	0684	WL	06/06/2006	N001	18.00 - 18.00	22.67	F #	-	-
	C	0685	WL	06/05/2006	N001	28.00 - 28.00	21.6	F #	-	-
	C	0686	WL	06/05/2006	N001	18.00 - 18.00	16.93	F #	-	-
	C	0687	WL	06/06/2006	N001	28.00 - 28.00	18.98	F #	-	-
	C	0688	WL	06/06/2006	N001	39.00 - 39.00	16.60	F #	-	-
	C	0688	WL	06/06/2006	N001	31.00 - 31.00	18.17	F #	-	-
	C	0689	WL	06/05/2006	N001	54.00 - 54.00	21.78	F #	-	-
	C	0689	WL	06/05/2006	N001	46.00 - 46.00	25.12	F #	-	-
	C	0690	WL, PZ	06/12/2006	N001		23.30	FQ #	-	-
	C	0691	WL, PZ	06/12/2006	N001	4.90 - 4.90	19.60	FQ #	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0692	WL, PZ	06/12/2006	N001	9.60 - 9.60	18.66	FQ	#	-	-	
	C	SMI-PW01	WL	06/13/2006	N001	40.00 - 40.00	29.29	F	#	-	-	
	C	SMI-PW02	WL	06/14/2006	N001	20.04 - 60.04	23.06		#	-	-	
	C	SMI-PZ1D2	WL	06/13/2006	N001	73.00 - 73.00	22.37	F	#	-	-	
	C	SMI-PZ1M	WL	06/13/2006	N001	57.00 - 57.00	23.95	F	#	-	-	
	C	SMI-PZ1S	WL	06/13/2006	N001	18.00 - 18.00	21.70	F	#	-	-	
Total Dissolved Solids	mg/L	0216	SL, RIV	06/13/2006	0001	0.00 - 0.00	290		#	20	-	
	mg/L	0236	SL, RIV	06/13/2006	0001	0.00 - 0.00	300		#	20	-	
	mg/L	0240	SL, RIV	06/13/2006	0001	0.00 - 0.00	300		#	20	-	
	mg/L	0241	SL, RIV	06/13/2006	0001	0.00 - 0.00	280		#	20	-	
	mg/L	0402	WL	06/12/2006	0001	17.00 - 17.00	5400	F	#	200	-	
	mg/L	0403	WL	06/15/2006	0001	18.00 - 18.00	820	F	#	40	-	
	mg/L	0404	WL	06/05/2006	0001	18.00 - 18.00	12000	F	#	400	-	
	mg/L	0405	WL	06/14/2006	0001	18.00 - 18.00	15000	F	#	400	-	
	mg/L	0407	WL	06/19/2006	0001	17.00 - 17.00	1600	F	#	40	-	
	mg/L	0407	WL	06/19/2006	0002	17.00 - 17.00	1600	F	#	40	-	
	mg/L	0408	WL	06/07/2006	0001	26.00 - 26.00	16000	F	#	400	-	
	mg/L	0470	WL, EXT	06/08/2006	0001	10.30 - 19.70	6300		#	200	-	
	mg/L	0471	WL, EXT	06/08/2006	0001	10.30 - 19.70	10000		#	400	-	
	mg/L	0472	WL, EXT	06/08/2006	0001	10.30 - 19.70	7700		#	200	-	
	mg/L	0473	WL, EXT	06/08/2006	0001	10.30 - 19.70	8300		#	200	-	
	mg/L	0474	WL, EXT	06/08/2006	0001	10.30 - 19.70	8400		#	200	-	
	mg/L	0475	WL, EXT	06/08/2006	0001	10.30 - 19.70	8600		#	200	-	
	mg/L	0476	WL, EXT	06/08/2006	0001	10.30 - 19.70	6800		#	200	-	
	mg/L	0477	WL, EXT	06/08/2006	0001	10.30 - 19.70	7300		#	200	-	
	mg/L	0478	WL, EXT	06/08/2006	0001	9.60 - 23.90	12000		#	400	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Total Dissolved Solids	mg/L	0479	WL, EXT	06/08/2006	0001	9.30 - 23.60	16000		# 400	-
	mg/L	0480	WL	06/19/2006	0001	18.00 - 18.00	16000	F	# 400	-
	mg/L	0481	WL	06/19/2006	0001	28.00 - 28.00	21000	F	# 400	-
	mg/L	0482	WL	06/19/2006	0001	58.00 - 58.00	84000	F	# 2000	-
	mg/L	0483	WL	06/19/2006	0001	18.00 - 18.00	2200	F	# 80	-
	mg/L	0484	WL	06/19/2006	0001	28.00 - 28.00	29000	F	# 1000	-
	mg/L	0485	WL	06/19/2006	0001	58.00 - 58.00	83000	F	# 2000	-
	mg/L	0488	WL	06/14/2006	0001	33.00 - 33.00	15000	F	# 400	-
	mg/L	0493	WL	06/14/2006	0001	46.00 - 46.00	19000	F	# 400	-
	mg/L	0493	WL	06/14/2006	0002	46.00 - 46.00	19000	F	# 400	-
	mg/L	0494	WL, PZ	06/13/2006	0001	2.90 - 2.90	44000	FQ	# 1000	-
	mg/L	0495	WL, PZ	06/13/2006	0001	5.10 - 5.10	27000	FQ	# 400	-
	mg/L	0547	TS, INFL	06/14/2006	0001	5.20 - 5.20	25000		# 400	-
	mg/L	0548	TS, EPND	06/14/2006	0001	0.00 - 0.00	27000		# 400	-
	mg/L	0557	WL	06/19/2006	0001	40.00 - 40.00	21000	F	# 400	-
	mg/L	0558	WL	06/19/2006	0001	36.00 - 36.00	41000	F	# 1000	-
	mg/L	0558	WL	06/19/2006	0002	36.00 - 36.00	41000	F	# 1000	-
	mg/L	0559	WL	06/19/2006	0001	19.00 - 19.00	590	F	# 40	-
	mg/L	0560	WL	06/19/2006	0001	31.00 - 31.00	25000	F	# 1000	-
	mg/L	0561	WL	06/15/2006	0001	50.00 - 50.00	71000	F	# 2000	-
	mg/L	0570	WL, I&E	06/08/2006	0001	15.00 - 30.00	5400		# 200	-
	mg/L	0571	WL, I&E	06/08/2006	0001	25.00 - 40.00	630		# 20	-
	mg/L	0572	WL, I&E	06/08/2006	0001	15.00 - 30.00	12000		# 400	-
	mg/L	0573	WL, I&E	06/08/2006	0001	25.00 - 40.00	29000		# 1000	-
	mg/L	0575	WL, I&E	06/08/2006	0001	25.00 - 40.00	22000		# 400	-
	mg/L	0577	WL, I&E	06/08/2006	0001	25.00 - 40.00	18000		# 400	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Total Dissolved Solids	mg/L	0579	WL, I&E	06/08/2006	0001	25.00 - 40.00	350			#	20	-
	mg/L	0579	WL, I&E	06/08/2006	0002	25.00 - 40.00	380			#	20	-
	mg/L	0580	WL	06/12/2006	0001	18.00 - 18.00	1400	F		#	40	-
	mg/L	0581	WL	06/12/2006	0001	18.00 - 18.00	10000	F		#	200	-
	mg/L	0582	WL	06/12/2006	0001	18.00 - 18.00	1900	F		#	40	-
	mg/L	0584	WL	06/07/2006	0001	18.00 - 18.00	29000	F		#	400	-
	mg/L	0585	WL	06/07/2006	0001	18.00 - 18.00	4900	F		#	200	-
	mg/L	0586	WL	06/06/2006	0001	18.00 - 18.00	5300	F		#	200	-
	mg/L	0586	WL	06/06/2006	0002	18.00 - 18.00	5100	F		#	200	-
	mg/L	0587	WL	06/07/2006	0001	18.00 - 18.00	6200	F		#	200	-
	mg/L	0588	WL	06/07/2006	0001	34.00 - 34.00	3900	F		#	200	-
	mg/L	0589	WL	06/07/2006	0001	52.00 - 52.00	79000	F		#	2000	-
	mg/L	0596	WL	06/15/2006	0001	24.00 - 24.00	2200	F		#	80	-
	mg/L	0597	WL, PZ	06/13/2006	0001	9.80 - 9.80	16000	FQ		#	400	-
	mg/L	0600	WL	06/12/2006	0001	27.00 - 27.00	20000	F		#	400	-
	mg/L	0601	WL	06/07/2006	0001	27.00 - 27.00	16000	F		#	400	-
	mg/L	0602	WL	06/07/2006	0001	18.00 - 18.00	3900	F		#	80	-
	mg/L	0670	WL, EXT	06/05/2006	0001	40.00 - 40.00	16000			#	400	-
	mg/L	0671	WL, EXT	06/05/2006	0001	40.00 - 40.00	20000			#	400	-
	mg/L	0672	WL, EXT	06/05/2006	0001	40.00 - 40.00	23000			#	1000	-
	mg/L	0673	WL, EXT	06/05/2006	0001	40.00 - 40.00	27000			#	1000	-
	mg/L	0674	WL, EXT	06/05/2006	0001	40.00 - 40.00	26000			#	1000	-
	mg/L	0675	WL, EXT	06/05/2006	0001	40.00 - 40.00	25000			#	1000	-
	mg/L	0676	WL, EXT	06/05/2006	0001	40.00 - 40.00	20000			#	400	-
	mg/L	0677	WL, EXT	06/05/2006	0001	40.00 - 40.00	22000			#	400	-
	mg/L	0678	WL, EXT	06/05/2006	0001	40.00 - 40.00	20000			#	400	-

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

REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY	
Total Dissolved Solids	mg/L	0679	WL, EXT	06/05/2006	0001	40.00 - 40.00	18000		#	400	-
	mg/L	0679	WL, EXT	06/05/2006	0002	40.00 - 40.00	17000		#	400	-
	mg/L	0680	WL	06/06/2006	0001	18.00 - 18.00	19000	F	#	400	-
	mg/L	0681	WL	06/06/2006	0001	18.00 - 18.00	2900	F	#	400	-
	mg/L	0682	WL	06/06/2006	0001	28.00 - 28.00	17000	F	#	400	-
	mg/L	0682	WL	06/06/2006	0002	28.00 - 28.00	17000	F	#	400	-
	mg/L	0683	WL	06/06/2006	0001	27.00 - 27.00	18000	F	#	400	-
	mg/L	0684	WL	06/06/2006	0001	18.00 - 18.00	4500	F	#	80	-
	mg/L	0685	WL	06/05/2006	0001	28.00 - 28.00	18000	F	#	400	-
	mg/L	0686	WL	06/05/2006	0001	18.00 - 18.00	8900	F	#	200	-
	mg/L	0687	WL	06/06/2006	0001	28.00 - 28.00	18000	F	#	400	-
	mg/L	0688	WL	06/06/2006	0001	39.00 - 39.00	46000	F	#	1000	-
	mg/L	0689	WL	06/05/2006	0001	46.00 - 46.00	86000	F	#	2000	-
	mg/L	0691	WL, PZ	06/12/2006	0001	4.90 - 4.90	13000	FQ	#	400	-
	mg/L	0692	WL, PZ	06/12/2006	0001	9.60 - 9.60	9100	FQ	#	200	-
	mg/L	SMI-PW01	WL	06/13/2006	0001	40.00 - 40.00	14000	F	#	400	-
	mg/L	SMI-PW02	WL	06/14/2006	0001	20.04 - 60.04	45000		#	1000	-
	mg/L	SMI-PZ1D2	WL	06/13/2006	0001	73.00 - 73.00	78000	F	#	2000	-
	mg/L	SMI-PZ1M	WL	06/13/2006	0001	57.00 - 57.00	35000	F	#	1000	-
	mg/L	SMI-PZ1S	WL	06/13/2006	0001	18.00 - 18.00	11000	F	#	400	-
Turbidity	NTU	0216	SL, RIV	06/13/2006	N001	0.00 - 0.00	167		#	-	-
	NTU	0236	SL, RIV	06/13/2006	N001	0.00 - 0.00	1000	>	#	-	-
	NTU	0240	SL, RIV	06/13/2006	N001	0.00 - 0.00	129		#	-	-
	NTU	0241	SL, RIV	06/13/2006	N001		79.8		#	-	-
	NTU	0402	WL	06/12/2006	N001	17.00 - 17.00	0.55	F	#	-	-
	NTU	0403	WL	06/15/2006	N001	18.00 - 18.00	2.88	F	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	0404	WL	06/05/2006	N001	18.00 - 18.00	3.93	F #	-	-
	NTU	0405	WL	06/14/2006	N001	18.00 - 18.00	4.38	F #	-	-
	NTU	0407	WL	06/19/2006	N001	17.00 - 17.00	4.88	F #	-	-
	NTU	0408	WL	06/07/2006	N001	26.00 - 26.00	6.59	F #	-	-
	NTU	0470	WL, EXT	06/08/2006	N001	10.30 - 19.70	2.69	#	-	-
	NTU	0471	WL, EXT	06/08/2006	N001	10.30 - 19.70	0.78	#	-	-
	NTU	0472	WL, EXT	06/08/2006	N001	10.30 - 19.70	1.0	#	-	-
	NTU	0473	WL, EXT	06/08/2006	N001	10.30 - 19.70	1.25	#	-	-
	NTU	0474	WL, EXT	06/08/2006	N001	10.30 - 19.70	1.09	#	-	-
	NTU	0475	WL, EXT	06/08/2006	N001	10.30 - 19.70	1.14	#	-	-
	NTU	0476	WL, EXT	06/08/2006	N001	10.30 - 19.70	1.12	#	-	-
	NTU	0477	WL, EXT	06/08/2006	N001	10.30 - 19.70	1.35	#	-	-
	NTU	0478	WL, EXT	06/08/2006	N001	9.60 - 23.90	2.05	#	-	-
	NTU	0479	WL, EXT	06/08/2006	N001	9.30 - 23.60	1.57	#	-	-
	NTU	0480	WL	06/19/2006	N001	18.00 - 18.00	1.39	F #	-	-
	NTU	0481	WL	06/19/2006	N001	28.00 - 28.00	5.48	F #	-	-
	NTU	0482	WL	06/19/2006	N001	58.00 - 58.00	6.79	F #	-	-
	NTU	0483	WL	06/19/2006	N001	18.00 - 18.00	3.22	F #	-	-
	NTU	0484	WL	06/19/2006	N001	28.00 - 28.00	10.0	F #	-	-
	NTU	0485	WL	06/19/2006	N001	58.00 - 58.00	9.78	F #	-	-
	NTU	0488	WL	06/14/2006	N001	33.00 - 33.00	3.65	F #	-	-
	NTU	0493	WL	06/14/2006	N001	46.00 - 46.00	3.51	F #	-	-
	NTU	0494	WL, PZ	06/13/2006	N001	2.90 - 2.90	1000	> FQ #	-	-
	NTU	0495	WL, PZ	06/13/2006	N001	5.10 - 5.10	1000	> FQ #	-	-
	NTU	0547	TS, INFL	06/14/2006	N001	5.20 - 5.20	1.05	#	-	-
	NTU	0548	TS, EPND	06/14/2006	N001	0.00 - 0.00	9.82	#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0557	WL	06/19/2006	N001	40.00 - 40.00	9.17	F	#	-	-	
	NTU	0558	WL	06/19/2006	N001	36.00 - 36.00	2.47	F	#	-	-	
	NTU	0559	WL	06/19/2006	N001	19.00 - 19.00	8.75	F	#	-	-	
	NTU	0560	WL	06/19/2006	N001	31.00 - 31.00	9.00	F	#	-	-	
	NTU	0561	WL	06/15/2006	N001	50.00 - 50.00	7.98	F	#	-	-	
	NTU	0570	WL, I&E	06/08/2006	N001	15.00 - 30.00	62.4		#	-	-	
	NTU	0571	WL, I&E	06/08/2006	N001	25.00 - 40.00	344		#	-	-	
	NTU	0572	WL, I&E	06/08/2006	N001	15.00 - 30.00	8.05		#	-	-	
	NTU	0573	WL, I&E	06/08/2006	N001	25.00 - 40.00	6.76		#	-	-	
	NTU	0575	WL, I&E	06/08/2006	N001	25.00 - 40.00	10.0		#	-	-	
	NTU	0577	WL, I&E	06/08/2006	N001	25.00 - 40.00	4.17		#	-	-	
	NTU	0579	WL, I&E	06/08/2006	N001	25.00 - 40.00	190		#	-	-	
	NTU	0580	WL	06/12/2006	N001	18.00 - 18.00	856	F	#	-	-	
	NTU	0581	WL	06/12/2006	N001	18.00 - 18.00	9.46	F	#	-	-	
	NTU	0582	WL	06/12/2006	N001	18.00 - 18.00	3.51	F	#	-	-	
	NTU	0584	WL	06/07/2006	N001	18.00 - 18.00	8.19	F	#	-	-	
	NTU	0585	WL	06/07/2006	N001	18.00 - 18.00	8.23	F	#	-	-	
	NTU	0586	WL	06/06/2006	N001	18.00 - 18.00	2.42	F	#	-	-	
	NTU	0587	WL	06/07/2006	N001	18.00 - 18.00	8.67	F	#	-	-	
	NTU	0588	WL	06/07/2006	N001	34.00 - 34.00	1.76	F	#	-	-	
	NTU	0589	WL	06/07/2006	N001	52.00 - 52.00	7.93	F	#	-	-	
	NTU	0596	WL	06/15/2006	N001	24.00 - 24.00	3.18	F	#	-	-	
	NTU	0597	WL, PZ	06/13/2006	N001	9.80 - 9.80	1000	>	FQ	#	-	-
	NTU	0600	WL	06/12/2006	N001	27.00 - 27.00	2.48	F	#	-	-	
	NTU	0601	WL	06/07/2006	N001	27.00 - 27.00	2.81	F	#	-	-	
	NTU	0602	WL	06/07/2006	N001	18.00 - 18.00	2.42	F	#	-	-	

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

REPORT DATE: 9/14/2006 10:04 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	0670	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.97				#	-	-
	NTU	0671	WL, EXT	06/05/2006	N001	40.00 - 40.00	6.81				#	-	-
	NTU	0672	WL, EXT	06/05/2006	N001	40.00 - 40.00	2.06				#	-	-
	NTU	0673	WL, EXT	06/05/2006	N001	40.00 - 40.00	2.06				#	-	-
	NTU	0674	WL, EXT	06/05/2006	N001	40.00 - 40.00	1.75				#	-	-
	NTU	0675	WL, EXT	06/05/2006	N001	40.00 - 40.00	1.68				#	-	-
	NTU	0676	WL, EXT	06/05/2006	N001	40.00 - 40.00	8.36				#	-	-
	NTU	0677	WL, EXT	06/05/2006	N001	40.00 - 40.00	4.0				#	-	-
	NTU	0678	WL, EXT	06/05/2006	N001	40.00 - 40.00	1.23				#	-	-
	NTU	0679	WL, EXT	06/05/2006	N001	40.00 - 40.00	0.84				#	-	-
	NTU	0680	WL	06/06/2006	N001	18.00 - 18.00	3.45		F		#	-	-
	NTU	0681	WL	06/06/2006	N001	18.00 - 18.00	3.62		F		#	-	-
	NTU	0682	WL	06/06/2006	N001	28.00 - 28.00	2.94		F		#	-	-
	NTU	0683	WL	06/06/2006	N001	27.00 - 27.00	7.23		F		#	-	-
	NTU	0684	WL	06/06/2006	N001	18.00 - 18.00	4.17		F		#	-	-
	NTU	0685	WL	06/05/2006	N001	28.00 - 28.00	9.8		F		#	-	-
	NTU	0686	WL	06/05/2006	N001	18.00 - 18.00	4.59		F		#	-	-
	NTU	0687	WL	06/06/2006	N001	28.00 - 28.00	9.6		F		#	-	-
	NTU	0688	WL	06/06/2006	N001	31.00 - 31.00	5.15		F		#	-	-
	NTU	0688	WL	06/06/2006	N001	39.00 - 39.00	4.52		F		#	-	-
	NTU	0689	WL	06/05/2006	N001	46.00 - 46.00	1.52		F		#	-	-
	NTU	0689	WL	06/05/2006	N001	54.00 - 54.00	4.04		F		#	-	-
	NTU	0690	WL, PZ	06/12/2006	N001		1000	>	FQ		#	-	-
	NTU	0691	WL, PZ	06/12/2006	N001	4.90 - 4.90	1000	>	FQ		#	-	-
	NTU	0692	WL, PZ	06/12/2006	N001	9.60 - 9.60	1000	>	FQ		#	-	-
	NTU	SMI-PW01	WL	06/13/2006	N001	40.00 - 40.00	5.00		F		#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	SMI-PW02	WL	06/14/2006	N001	20.04 - 60.04	0.94		# -	-
	NTU	SMI-PZ1D2	WL	06/13/2006	N001	73.00 - 73.00	4.17	F	# -	-
	NTU	SMI-PZ1M	WL	06/13/2006	N001	57.00 - 57.00	3.41	F	# -	-
	NTU	SMI-PZ1S	WL	06/13/2006	N001	18.00 - 18.00	8.63	F	# -	-
Uranium	mg/L	0216	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.0017		# 3.4E-06	-
	mg/L	0236	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.0018		# 3.4E-06	-
	mg/L	0240	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.0017		# 3.4E-06	-
	mg/L	0241	SL, RIV	06/13/2006	0001	0.00 - 0.00	0.0019		# 3.4E-06	-
	mg/L	0402	WL	06/12/2006	0001	17.00 - 17.00	0.720	F	# 0.00017	-
	mg/L	0403	WL	06/15/2006	0001	18.00 - 18.00	0.160	F	# 1.7E-05	-
	mg/L	0404	WL	06/05/2006	0001	18.00 - 18.00	2.200	F	# 0.00017	-
	mg/L	0405	WL	06/14/2006	0001	18.00 - 18.00	3.100	F	# 0.00034	-
	mg/L	0407	WL	06/19/2006	0001	17.00 - 17.00	0.100	F	# 1.7E-05	-
	mg/L	0407	WL	06/19/2006	0002	17.00 - 17.00	0.096	F	# 3.4E-06	-
	mg/L	0408	WL	06/07/2006	0001	26.00 - 26.00	3.800	F	# 0.00034	-
	mg/L	0470	WL, EXT	06/08/2006	0001	10.30 - 19.70	1.200		# 0.00017	-
	mg/L	0471	WL, EXT	06/08/2006	0001	10.30 - 19.70	1.700		# 0.00017	-
	mg/L	0472	WL, EXT	06/08/2006	0001	10.30 - 19.70	1.300		# 0.00017	-
	mg/L	0473	WL, EXT	06/08/2006	0001	10.30 - 19.70	1.600		# 0.00017	-
	mg/L	0474	WL, EXT	06/08/2006	0001	10.30 - 19.70	1.800		# 0.00017	-
	mg/L	0475	WL, EXT	06/08/2006	0001	10.30 - 19.70	2.100		# 0.00017	-
	mg/L	0476	WL, EXT	06/08/2006	0001	10.30 - 19.70	1.800		# 0.00017	-
	mg/L	0477	WL, EXT	06/08/2006	0001	10.30 - 19.70	2.000		# 0.00017	-
	mg/L	0478	WL, EXT	06/08/2006	0001	9.60 - 23.90	2.700		# 0.00017	-
mg/L	0479	WL, EXT	06/08/2006	0001	9.30 - 23.60	3.500		# 0.00034	-	
mg/L	0480	WL	06/19/2006	0001	18.00 - 18.00	3.700	F	# 0.00034	-	

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0481	WL	06/19/2006	0001	28.00 - 28.00	3.500	F	#	0.00034	-
	mg/L	0482	WL	06/19/2006	0001	58.00 - 58.00	0.770	F	#	0.00017	-
	mg/L	0483	WL	06/19/2006	0001	18.00 - 18.00	0.270	F	#	0.00017	-
	mg/L	0484	WL	06/19/2006	0001	28.00 - 28.00	2.900	F	#	0.00017	-
	mg/L	0485	WL	06/19/2006	0001	58.00 - 58.00	0.780	F	#	0.00017	-
	mg/L	0488	WL	06/14/2006	0001	33.00 - 33.00	2.100	F	#	0.00017	-
	mg/L	0493	WL	06/14/2006	0001	46.00 - 46.00	2.800	F	#	0.00017	-
	mg/L	0493	WL	06/14/2006	0002	46.00 - 46.00	2.800	F	#	0.00017	-
	mg/L	0494	WL, PZ	06/13/2006	0001	2.90 - 2.90	13.000	FQ	#	0.0017	-
	mg/L	0495	WL, PZ	06/13/2006	0001	5.10 - 5.10	13.000	FQ	#	0.0017	-
	mg/L	0547	TS, INFL	06/14/2006	0001	5.20 - 5.20	2.600		#	0.00034	-
	mg/L	0548	TS, EPND	06/14/2006	0001	0.00 - 0.00	2.600		#	0.00034	-
	mg/L	0557	WL	06/19/2006	0001	40.00 - 40.00	3.300	F	#	0.00017	-
	mg/L	0558	WL	06/19/2006	0001	36.00 - 36.00	2.900	F	#	0.00017	-
	mg/L	0558	WL	06/19/2006	0002	36.00 - 36.00	3.100	F	#	0.00034	-
	mg/L	0559	WL	06/19/2006	0001	19.00 - 19.00	0.150	F	#	3.4E-05	-
	mg/L	0560	WL	06/19/2006	0001	31.00 - 31.00	1.600	F	#	0.00017	-
	mg/L	0561	WL	06/15/2006	0001	50.00 - 50.00	1.400	F	#	0.00017	-
	mg/L	0570	WL, I&E	06/08/2006	0001	15.00 - 30.00	1.500		#	0.00017	-
	mg/L	0571	WL, I&E	06/08/2006	0001	25.00 - 40.00	0.042		#	3.4E-06	-
	mg/L	0572	WL, I&E	06/08/2006	0001	15.00 - 30.00	1.600		#	0.00017	-
	mg/L	0573	WL, I&E	06/08/2006	0001	25.00 - 40.00	1.800		#	0.00034	-
	mg/L	0575	WL, I&E	06/08/2006	0001	25.00 - 40.00	1.600		#	0.00017	-
	mg/L	0577	WL, I&E	06/08/2006	0001	25.00 - 40.00	1.800		#	0.00017	-
	mg/L	0579	WL, I&E	06/08/2006	0001	25.00 - 40.00	0.0097		#	3.4E-06	-
	mg/L	0579	WL, I&E	06/08/2006	0002	25.00 - 40.00	0.0093		#	3.4E-06	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:04 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	0580	WL	06/12/2006	0001	18.00 - 18.00	0.240	F	#	6.8E-05	-
	mg/L	0581	WL	06/12/2006	0001	18.00 - 18.00	2.400	F	#	0.00017	-
	mg/L	0582	WL	06/12/2006	0001	18.00 - 18.00	0.290	F	#	6.8E-05	-
	mg/L	0584	WL	06/07/2006	0001	18.00 - 18.00	7.500	F	#	0.0017	-
	mg/L	0585	WL	06/07/2006	0001	18.00 - 18.00	1.100	F	#	0.00017	-
	mg/L	0586	WL	06/06/2006	0001	18.00 - 18.00	0.950	F	#	0.00017	-
	mg/L	0586	WL	06/06/2006	0002	18.00 - 18.00	0.830	F	#	0.00017	-
	mg/L	0587	WL	06/07/2006	0001	18.00 - 18.00	1.100	F	#	0.00017	-
	mg/L	0588	WL	06/07/2006	0001	34.00 - 34.00	0.590	F	#	0.00017	-
	mg/L	0589	WL	06/07/2006	0001	52.00 - 52.00	1.200	F	#	0.00017	-
	mg/L	0596	WL	06/15/2006	0001	24.00 - 24.00	0.310	F	#	3.4E-05	-
	mg/L	0597	WL, PZ	06/13/2006	0001	9.80 - 9.80	2.200	FQ	#	0.00017	-
	mg/L	0600	WL	06/12/2006	0001	27.00 - 27.00	4.900	F	#	0.00034	-
	mg/L	0601	WL	06/07/2006	0001	27.00 - 27.00	3.900	F	#	0.00034	-
	mg/L	0602	WL	06/07/2006	0001	18.00 - 18.00	0.790	F	#	0.00017	-
	mg/L	0670	WL, EXT	06/05/2006	0001	40.00 - 40.00	3.000		#	0.00017	-
	mg/L	0671	WL, EXT	06/05/2006	0001	40.00 - 40.00	2.800		#	0.00017	-
	mg/L	0672	WL, EXT	06/05/2006	0001	40.00 - 40.00	2.200		#	0.00017	-
	mg/L	0673	WL, EXT	06/05/2006	0001	40.00 - 40.00	2.300		#	0.00017	-
	mg/L	0674	WL, EXT	06/05/2006	0001	40.00 - 40.00	3.200		#	0.00017	-
	mg/L	0675	WL, EXT	06/05/2006	0001	40.00 - 40.00	3.400		#	0.00017	-
	mg/L	0676	WL, EXT	06/05/2006	0001	40.00 - 40.00	3.300		#	0.00034	-
	mg/L	0677	WL, EXT	06/05/2006	0001	40.00 - 40.00	3.300		#	0.00017	-
	mg/L	0678	WL, EXT	06/05/2006	0001	40.00 - 40.00	3.600		#	0.00034	-
	mg/L	0679	WL, EXT	06/05/2006	0001	40.00 - 40.00	4.000		#	0.00034	-
	mg/L	0679	WL, EXT	06/05/2006	0002	40.00 - 40.00	3.800		#	0.00034	-

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

REPORT DATE: 9/14/2006 10:04 am

PARAMETER	UNITS	LOCATION ID	LOC TYPE, SUBTYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
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RECORDS: SELECTED FROM USEE200 WHERE site\_code='MOA01' AND quality\_assurance = TRUE AND (data\_validation\_qualifiers IS NULL OR data\_validation\_qualifiers NOT LIKE '%N%' AND data\_validation\_qualifiers NOT LIKE '%R%' AND data\_validation\_qualifiers NOT LIKE '%X%') AND DATE\_SAMPLED between #6/4/2006# and #6/19/2006#

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

LOCATION TYPES: SL SURFACE LOCATION TS TREATMENT SYSTEM WL WELL

LOCATION SUBTYPES: EPND Eyaporation Pond EXT Extraction Well I&E Dual Purpose Injection and Ex INFL Treatment System Influent  
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 & Radiochemistry: 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.
- L Less than 3 bore volumes purged prior to sampling.
- R Unusable result.
- G Possible grout contamination, pH > 9.
- N Presumptive evidence that analyte is present. The analyte is "tentatively identified".
- U Parameter analyzed for but was not detected.
- J Estimated value.
- Q Qualitative result due to sampling technique
- 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: 9/14/2006 10:06 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			
0402	O	3968.63	06/12/2006	11:12	12.60	3956.03	
0403	O	3968.95	06/15/2006	09:40	13.63	3955.32	
0404	O	3968.30	06/05/2006	14:07	13.31	3954.99	
0405	O	3968.47	06/14/2006	08:10	12.22	3956.25	
0407	O	3969.09	06/19/2006	15:46	14.60	3954.49	
0408	O	3969.17	06/07/2006	07:43	13.50	3955.67	
0470		3964.12	06/08/2006	09:25	9.51	3954.61	
0471		3964.37	06/08/2006	09:34	9.96	3954.41	
0472		3964.40	06/08/2006	09:45	9.45	3954.95	
0473		3964.66	06/08/2006	10:00	9.95	3954.71	
0474		3964.99	06/08/2006	10:08	9.71	3955.28	
0475		3964.97	06/08/2006	10:20	10.41	3954.56	
0476		3965.24	06/08/2006	10:38	9.99	3955.25	
0477		3965.08	06/08/2006	10:44	10.21	3954.87	
0478		3964.91	06/08/2006	11:10	11.39	3953.52	
0479		3964.67	06/08/2006	11:11	9.91	3954.76	
0480		3968.65	06/19/2006	13:40	13.92	3954.73	
0481		3968.83	06/19/2006	14:40	14.21	3954.62	
0482		3968.70	06/19/2006	14:47	15.41	3953.29	
0483		3968.90	06/19/2006	10:00	14.29	3954.61	
0484		3969.19	06/19/2006	10:25	14.71	3954.48	
0485		3968.81	06/19/2006	09:20	14.92	3953.89	
0488		3968.48	06/14/2006	07:41	12.13	3956.35	
0493		3967.89	06/14/2006	08:32	11.82	3956.07	
0494		3959.27	06/12/2006	15:15	2.49	3956.78	
0495		3957.81	06/12/2006	15:33	1.13	3956.68	
0557		3968.85	06/19/2006	15:05	14.26	3954.59	
0558		3968.79	06/19/2006	10:55	14.69	3954.10	
0559		3969.92	06/19/2006	08:58	15.25	3954.67	
0560		3968.77	06/19/2006	08:23	14.33	3954.44	

STATIC WATER LEVELS (USEE700) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:06 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			
0561		3968.56	06/15/2006	10:15	14.43	3954.13	
0570		3965.22	06/08/2006	07:30	23.61	3941.61	
0571		3964.89	06/08/2006	08:55	24.32	3940.57	
0572		3965.14	06/08/2006	07:48	26.76	3938.38	
0573		3965.15	06/08/2006	07:59	31.72	3933.43	
0575		3965.01	06/08/2006	08:14	17.21	3947.80	
0576		3965.15	06/08/2006	08:25	9.42	3955.73	
0577		3965.10	06/08/2006	08:30	16.52	3948.58	
0579		3965.11	06/08/2006	08:40	9.58	3955.53	
0580		3969.32	06/12/2006	14:20	13.46	3955.86	
0581		3969.02	06/12/2006	13:35	13.02	3956.00	
0582		3969.65	06/12/2006	13:00	13.51	3956.14	
0584		3969.13	06/07/2006	14:00	13.35	3955.78	
0585		3969.36	06/07/2006	09:23	13.60	3955.76	
0586		3969.20	06/06/2006	15:26	13.71	3955.49	
0587		3968.89	06/07/2006	14:37	13.10	3955.79	
0588		3968.82	06/07/2006	10:12	13.50	3955.32	
0589		3968.87	06/07/2006	15:14	13.21	3955.66	
0596		3968.76	06/15/2006	10:54	13.42	3955.34	
0597		3959.67	06/12/2006	15:28	3.62	3956.05	
0600		3968.77	06/12/2006	10:26	13.01	3955.76	
0601		3968.73	06/07/2006	08:36	13.23	3955.50	
0602		3969.40	06/07/2006	10:46	14.79	3954.61	
0670		3969.54	06/05/2006	09:15	14.32	3955.22	
0671		3969.50	06/05/2006	09:22	14.88	3954.62	
0672		3969.57	06/05/2006	09:40	15.25	3954.32	
0673		3969.44	06/05/2006	09:42	15.33	3954.11	
0674		3969.49	06/05/2006	10:05	15.04	3954.45	
0675		3969.64	06/05/2006	10:00	15.04	3954.60	
0676		3969.69	06/05/2006	11:26	14.32	3955.37	

STATIC WATER LEVELS (USEE700) FOR SITE MOA01, Moab Site  
 REPORT DATE: 9/14/2006 10:06 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			
0677		3969.61	06/05/2006	11:31	14.11	3955.50	
0678		3969.65	06/05/2006	11:45	14.32	3955.33	
0679		3969.59	06/05/2006	11:45	14.29	3955.30	
0680		3969.80	06/06/2006	10:23	14.96	3954.84	
0681		3970.67	06/06/2006	09:50	15.45	3955.22	
0682		3970.18	06/06/2006	11:05	15.18	3955.00	
0683		3970.73	06/06/2006	13:35	15.41	3955.32	
0684		3970.22	06/06/2006	14:20	14.51	3955.71	
0685		3968.76	06/05/2006	14:00	13.18	3955.58	
0686		3968.85	06/05/2006	10:40	13.11	3955.74	
0687		3969.09	06/06/2006	09:00	14.11	3954.98	
0688		3968.66	06/06/2006	07:30	13.69	3954.97	
0689		3968.66	06/05/2006	16:00	13.45	3955.21	
0690		3958.92	06/12/2006	09:04	0.71	3958.21	
0691		3959.21	06/12/2006	09:10	3.82	3955.39	
0692		3959.43	06/12/2006	09:14	4.31	3955.12	
SMI-PW01	O	3968.45	06/13/2006	13:50	12.01	3956.44	
SMI-PZ1D2	O	3968.26	06/13/2006	14:15	12.85	3955.41	
SMI-PZ1M	O	3968.29	06/13/2006	14:55	11.91	3956.38	
SMI-PZ1S	O	3969.13	06/13/2006	13:05	12.97	3956.16	

RECORDS: SELECTED FROM USEE700 WHERE site\_code='MOA01' AND LOG\_DATE between #6/5/2006# and #6/19/2006#

FLOW CODES: O ON-SITE

WATER LEVEL FLAGS:

# **Blanks Report**

## BLANKS REPORT

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

LAB REQUISITION(S): 06050386

REPORT DATE: 09/14/06 09:49:38: 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	06/06/2006	0001	mg/L	2.7		0.1		E
Ammonia Total as N	MOA01	0999	06/12/2006	0001	mg/L	0.1	U	0.1		E
Ammonia Total as N	MOA01	0999	06/14/2006	0001	mg/L	0.53		0.1		E
Ammonia Total as N	MOA01	0999	06/19/2006	0001	mg/L	0.12		0.1		E
Bromide	MOA01	0999	06/06/2006	0001	mg/L	0.2	U	0.2		E
Bromide	MOA01	0999	06/12/2006	0001	mg/L	0.2	U	0.2		E
Bromide	MOA01	0999	06/14/2006	0001	mg/L	0.2	U	0.2		E
Bromide	MOA01	0999	06/19/2006	0001	mg/L	0.2	U	0.2		E
Chloride	MOA01	0999	06/06/2006	0001	mg/L	1.9		0.2		E
Chloride	MOA01	0999	06/12/2006	0001	mg/L	0.2	U	0.2		E
Chloride	MOA01	0999	06/14/2006	0001	mg/L	7.8		0.2		E
Chloride	MOA01	0999	06/19/2006	0001	mg/L	0.32		0.2		E
Sulfate	MOA01	0999	06/06/2006	0001	mg/L	7		0.5		E
Sulfate	MOA01	0999	06/12/2006	0001	mg/L	0.5	U	0.5		E
Sulfate	MOA01	0999	06/14/2006	0001	mg/L	41		0.5		E
Sulfate	MOA01	0999	06/19/2006	0001	mg/L	2		0.5		E
Total Dissolved Solids	MOA01	0999	06/06/2006	0001	mg/L	29		20		E
Total Dissolved Solids	MOA01	0999	06/12/2006	0001	mg/L	20	U	20		E
Total Dissolved Solids	MOA01	0999	06/14/2006	0001	mg/L	93		20		E
Total Dissolved Solids	MOA01	0999	06/19/2006	0001	mg/L	20	U	20		E
Uranium	MOA01	0999	06/06/2006	0001	mg/L	0.00023		0.000034		E
Uranium	MOA01	0999	06/12/2006	0001	mg/L	0.00036	B U	0.000034		E
Uranium	MOA01	0999	06/14/2006	0001	mg/L	0.0022		0.000034		E
Uranium	MOA01	0999	06/19/2006	0001	mg/L	0.00012	U	0.000034		E

BLANKS REPORT

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

LAB REQUISITION(S): 06050386

REPORT DATE: 09/14/06 09:49:39: AM

PARAMETER	SITE CODE	LOCATION ID	SAMPLE DATE	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 & Radiochemistry: 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:

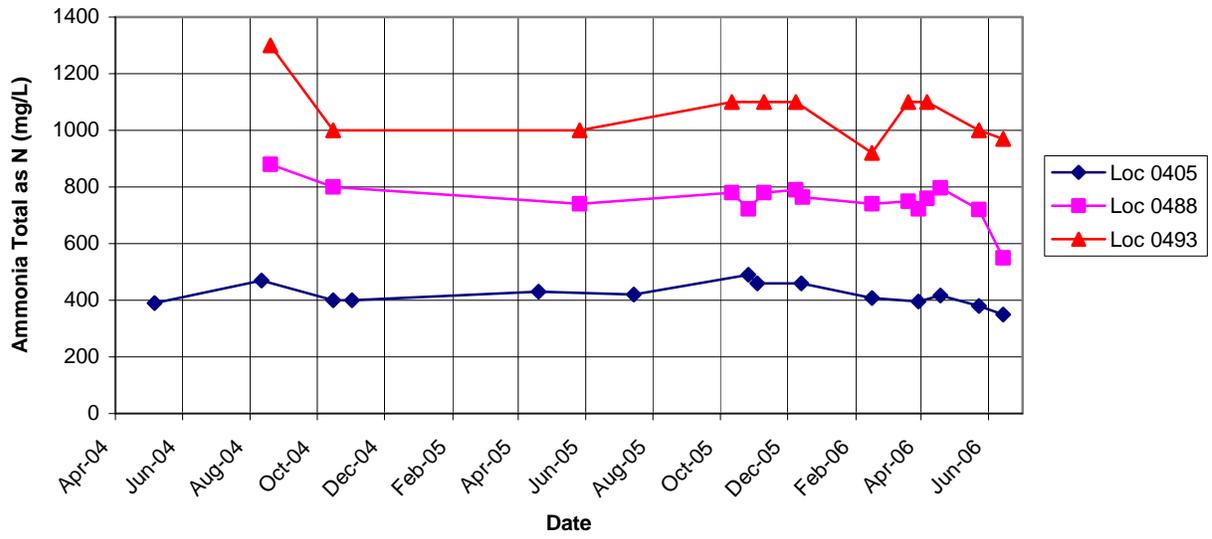
- |  |  |  |
|--|--|--|
| J Estimated value.                                   | F Low flow sampling method used.               | G Possible grout contamination, pH > 9.  |
| L Less than 3 bore volumes purged prior to sampling. | R Unusable result.                             | X Location is undefined.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

SAMPLE TYPES:

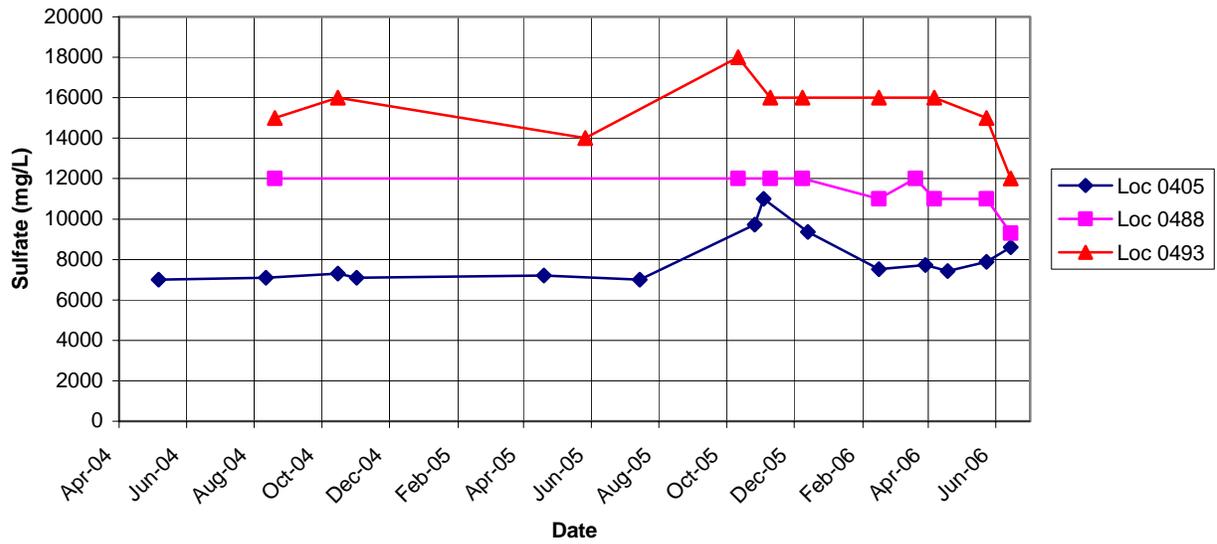
- E EQUIPMENT BLANK

## **Time Versus Concentration Graphs**

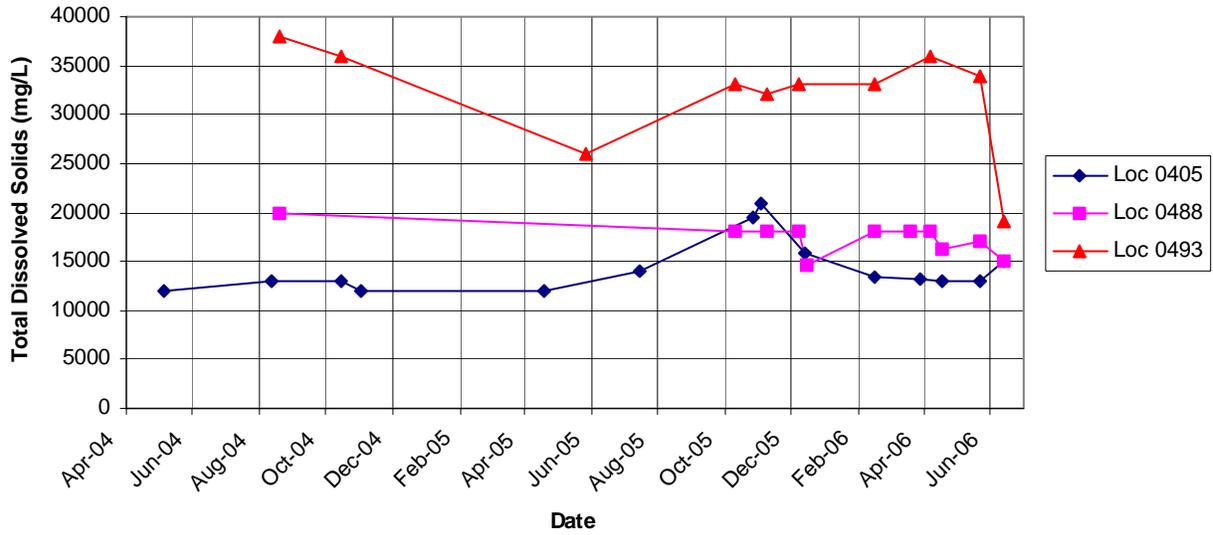
**Moab Site  
Baseline Area  
Ammonia Total as N Concentration**



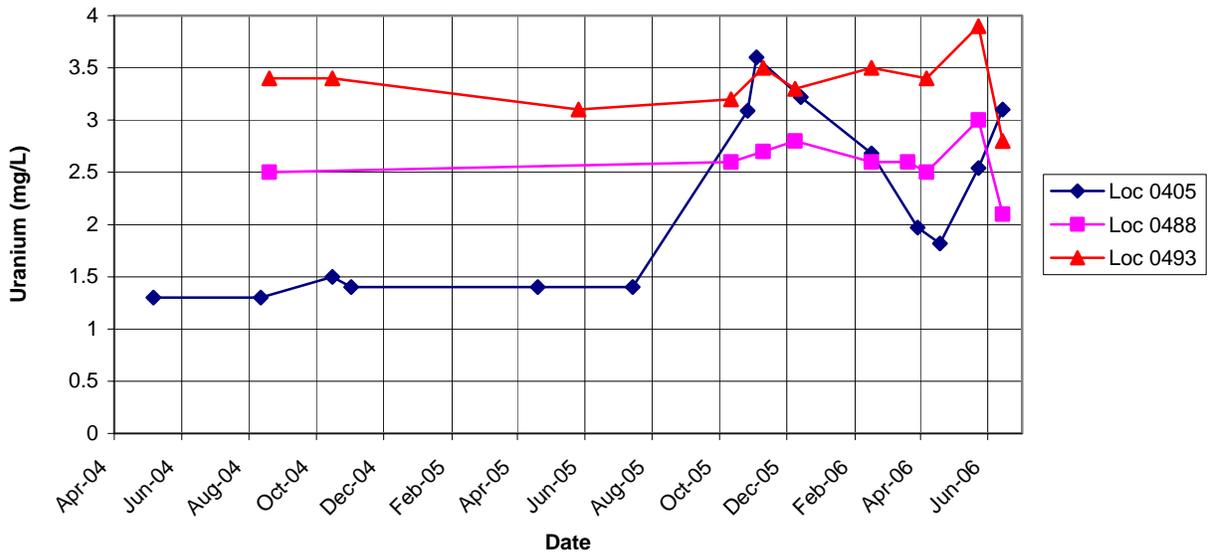
**Moab Site  
Baseline Area  
Sulfate Concentration**



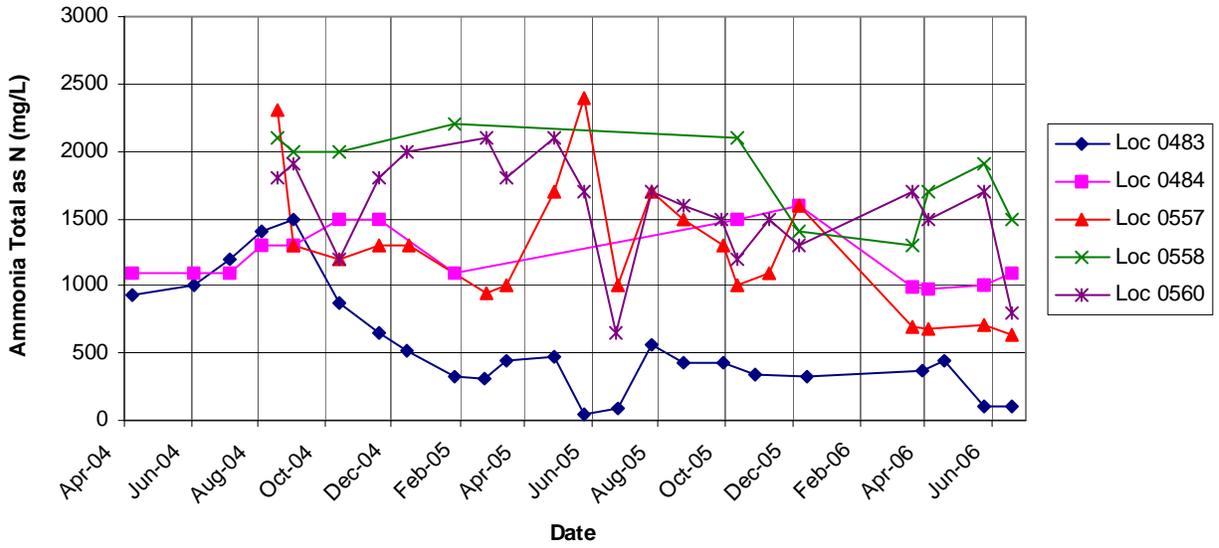
**Moab Site  
Baseline Area  
Total Dissolved Solids Concentration**



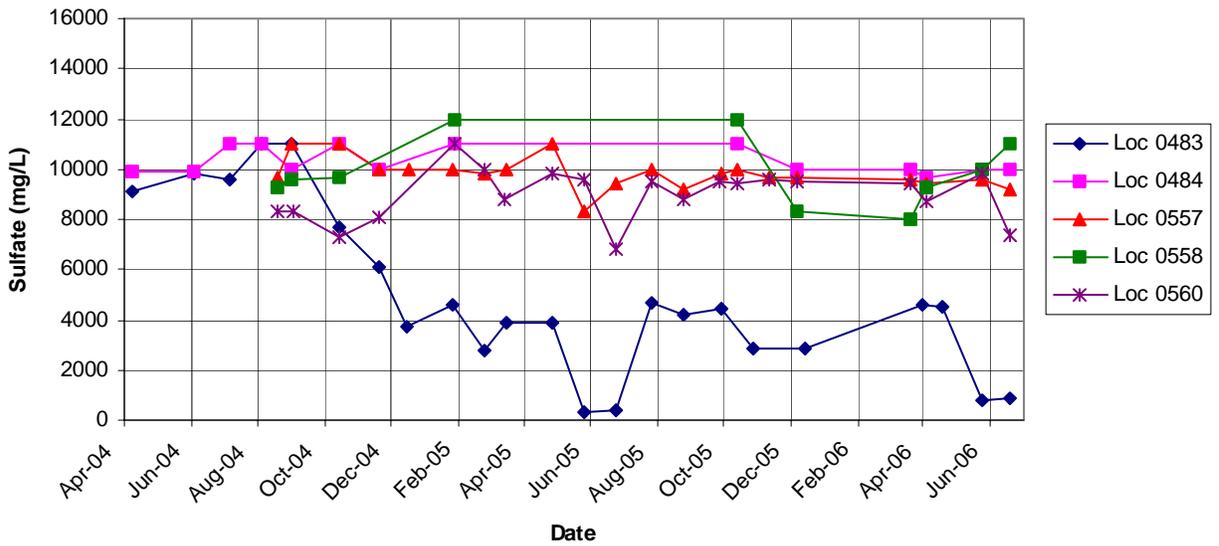
**Moab Site  
Baseline Area  
Uranium Concentration**



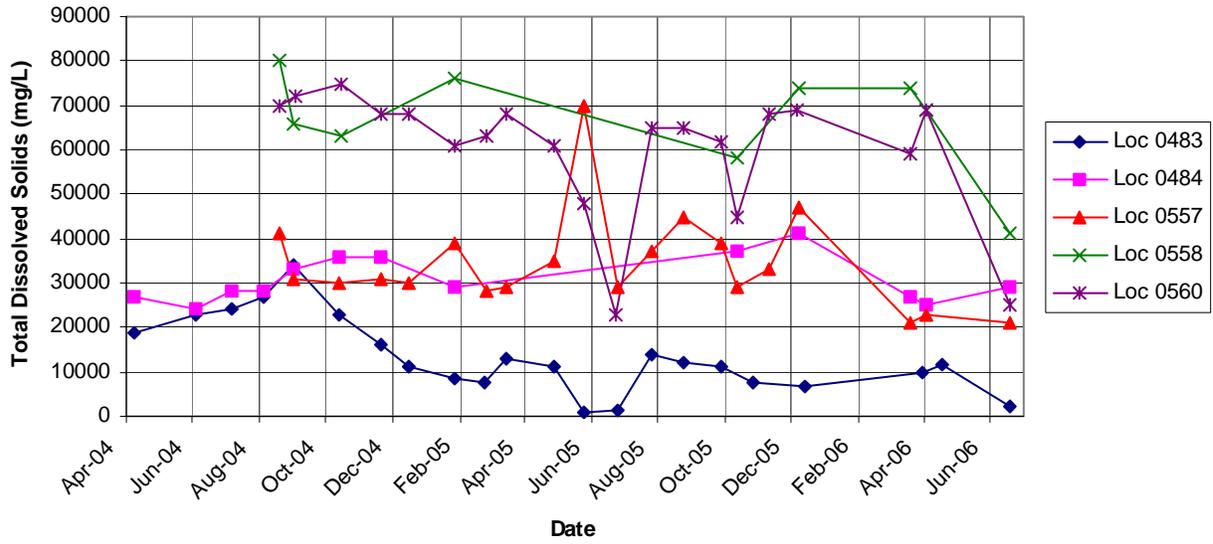
**Moab Site  
Configuration 1 Observation Wells  
Ammonia Total as N**



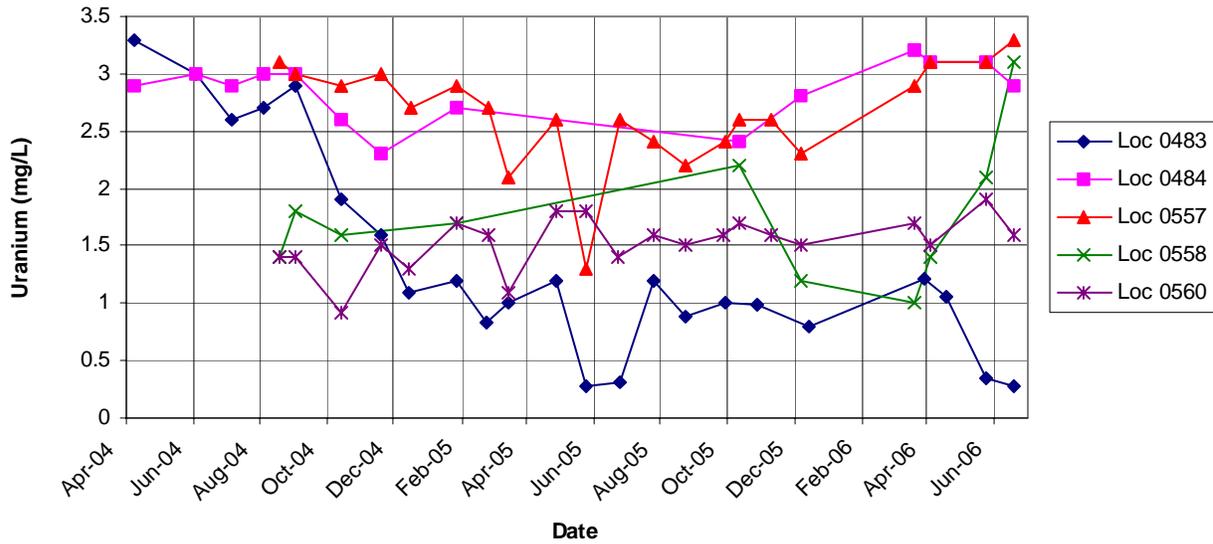
**Moab Site  
Configuration 1 Observation Wells  
Sulfate**



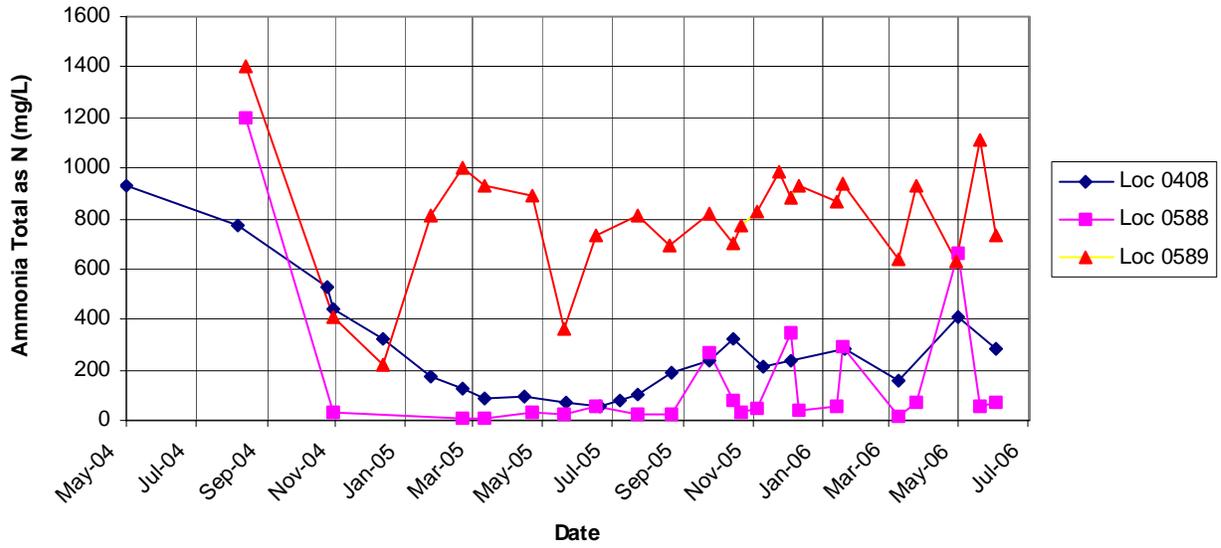
**Moab Site  
Configuration 1 Observation Wells  
Total Dissolved Solids**



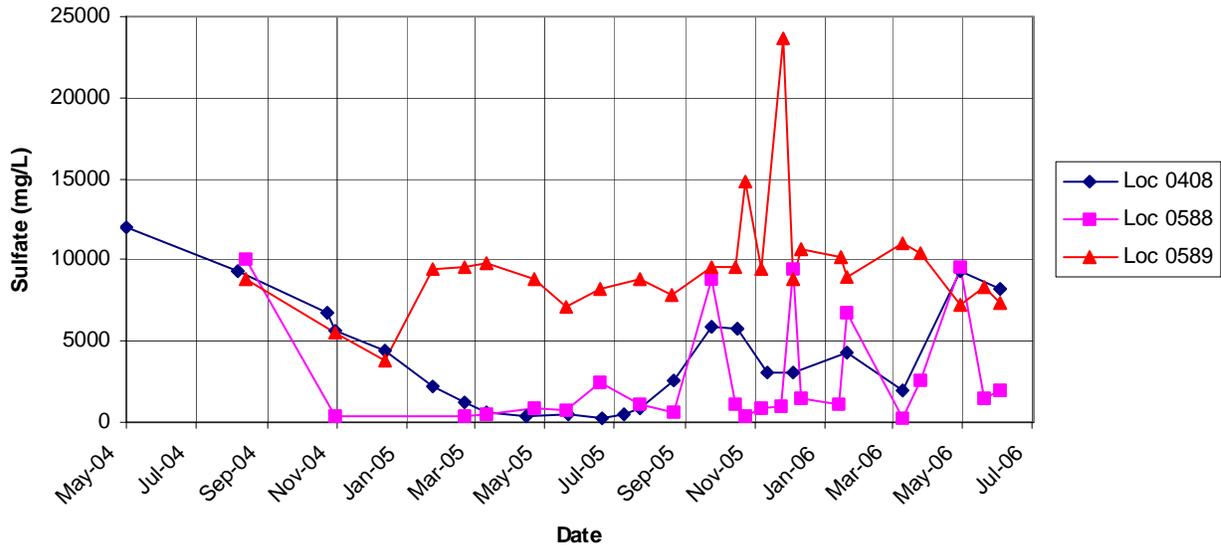
**Moab Site  
Configuration 1 Observation Wells  
Uranium**



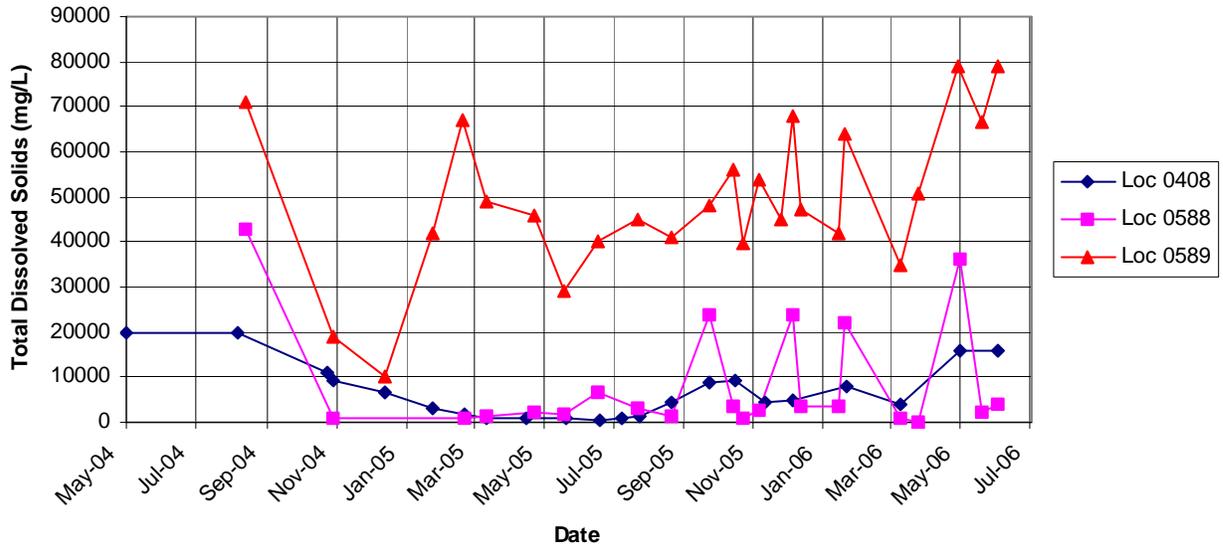
**Moab Site  
Configuration 2 Well Field  
Ammonia Total as N Concentration**



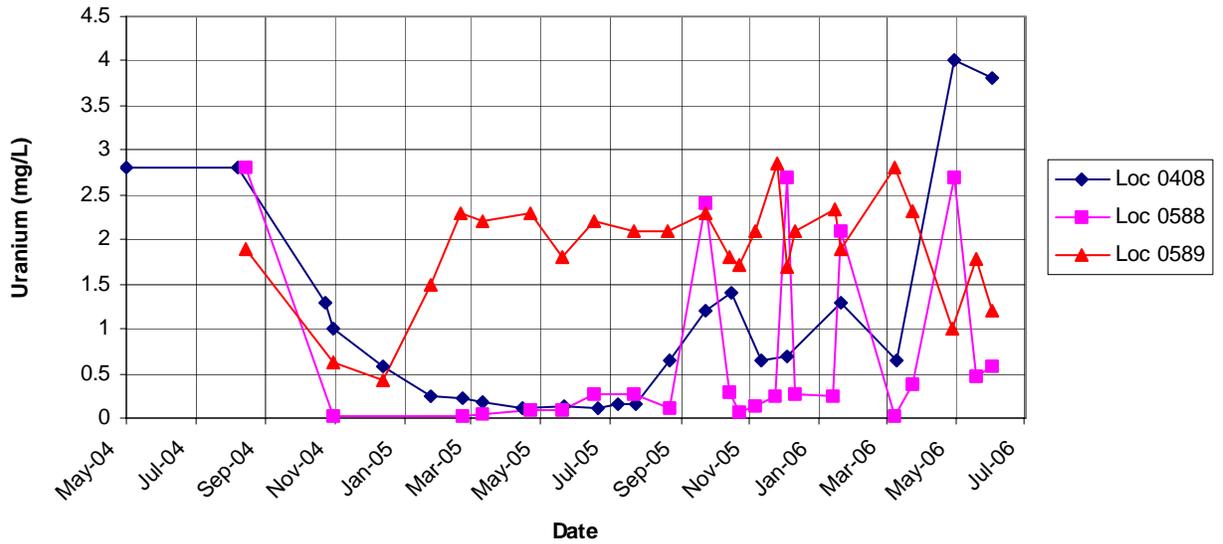
**Moab Site  
Configuration 2 Well Field  
Sulfate Concentration**



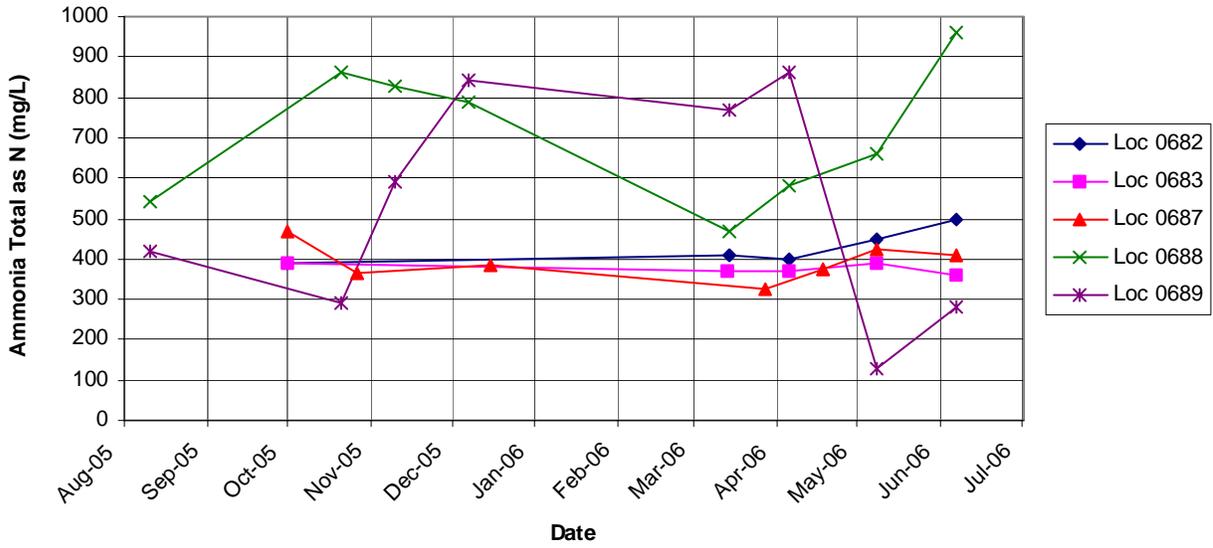
**Moab Site  
Configuration 2 Well Field  
Total Dissolved Solids Concentration**



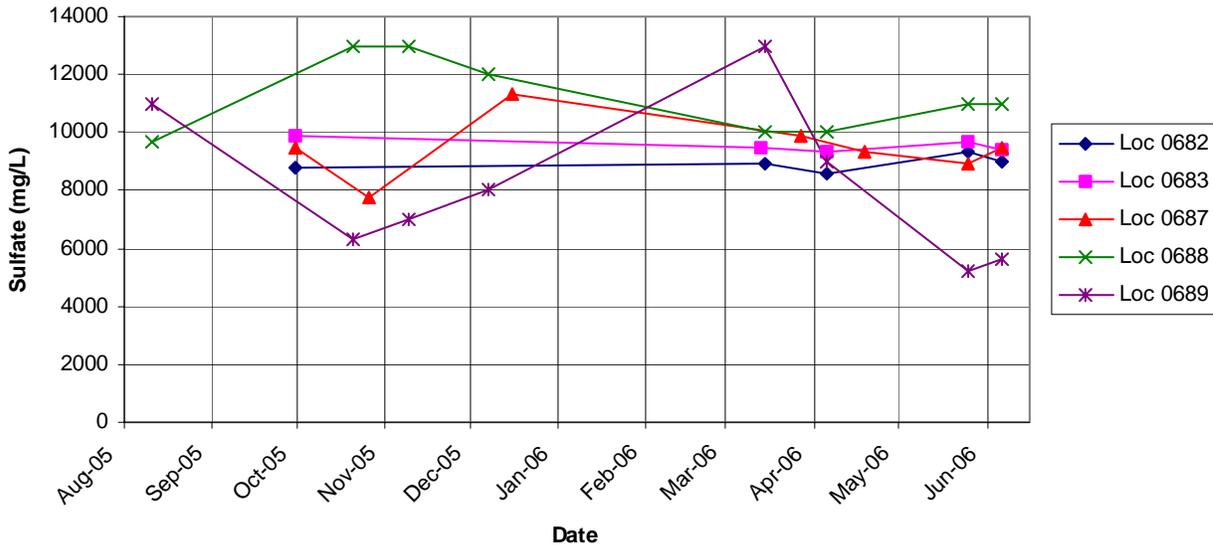
**Moab Site  
Configuration 2 Well Field  
Uranium Concentration**



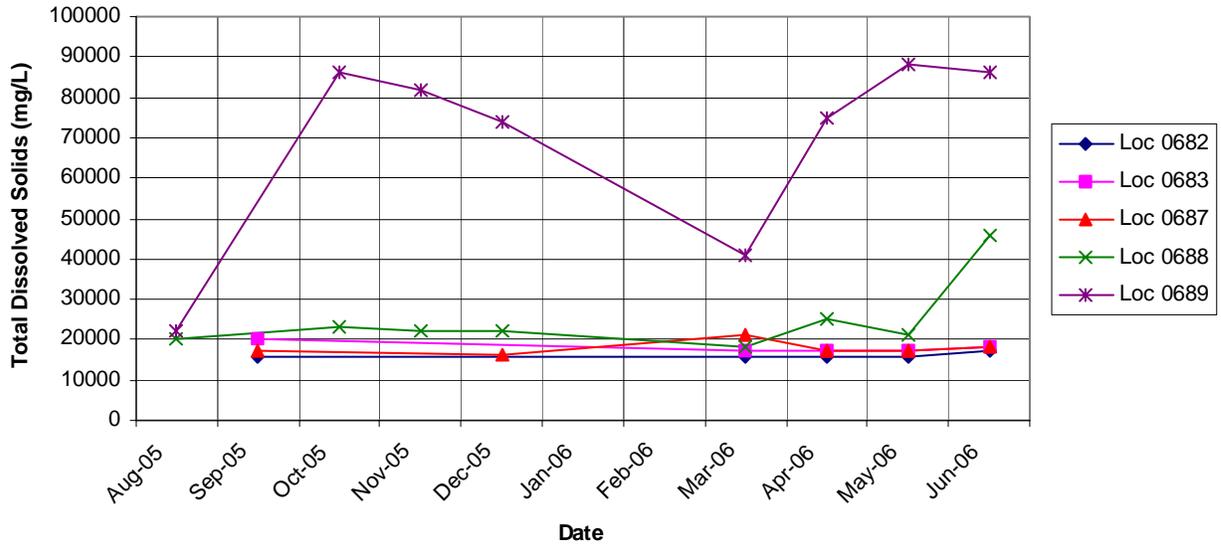
**Moab Site  
Configuration 3 Observation Wells  
Ammonia Total as N**



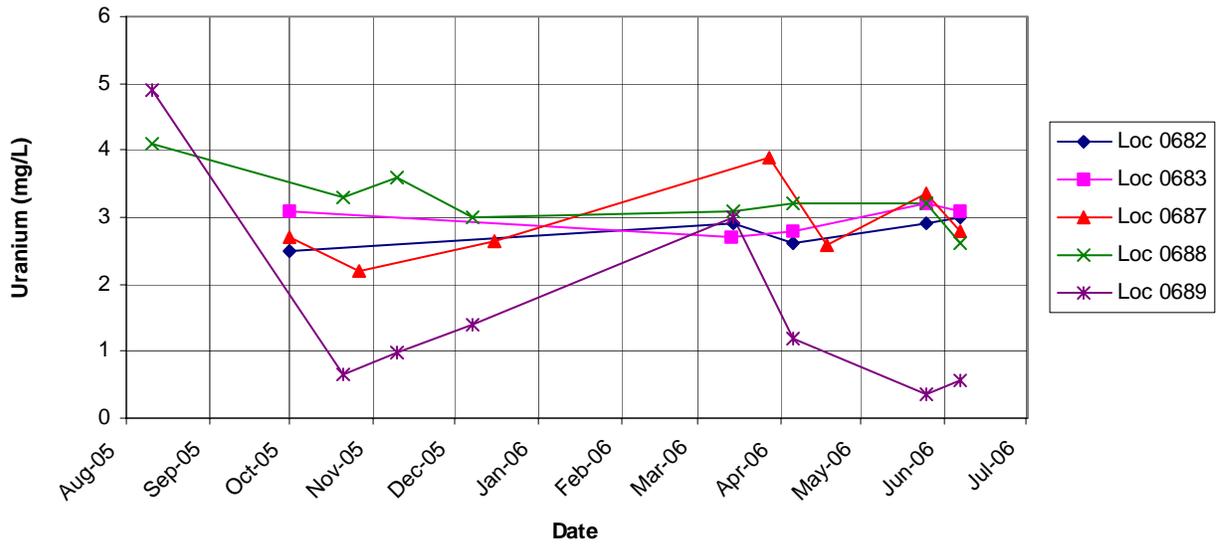
**Moab Site  
Configuration 3 Observation Wells  
Sulfate**



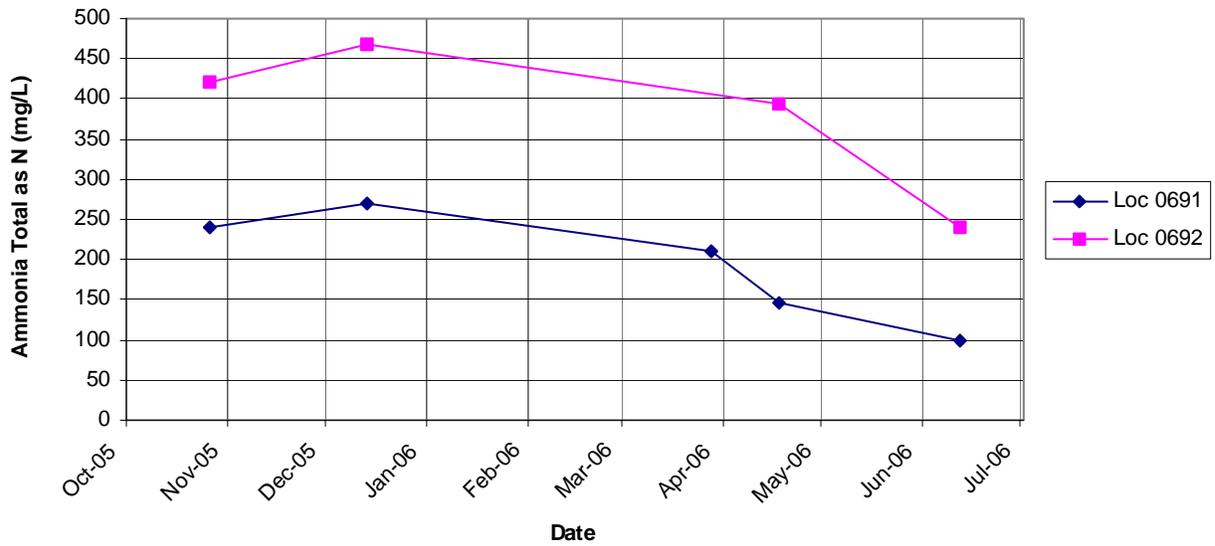
**Moab Site  
Configuration 3 Observation Wells  
Total Dissolved Solids**



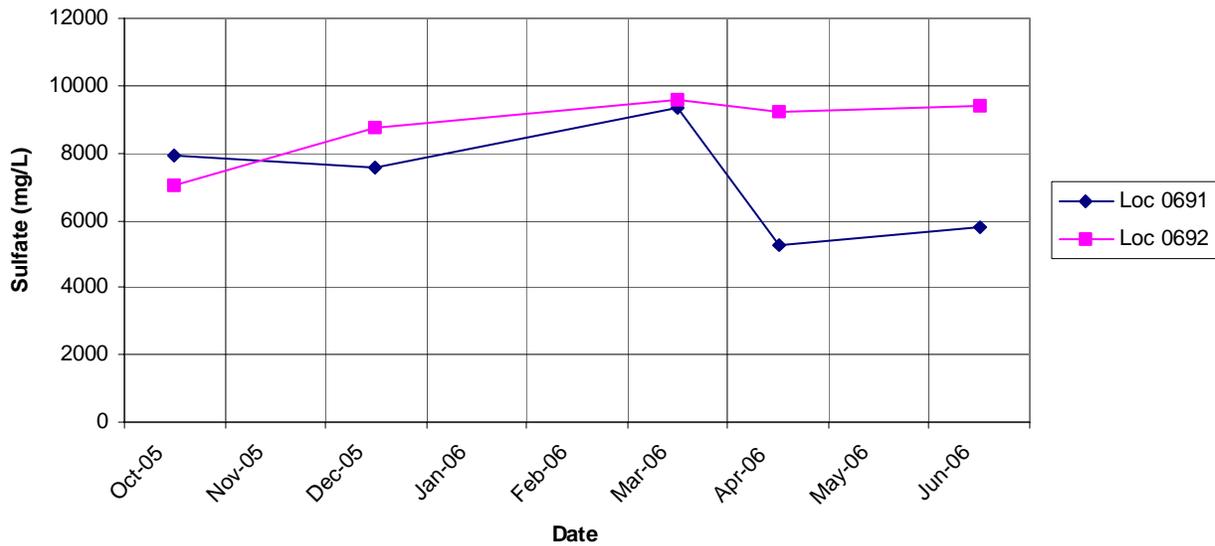
**Moab Site  
Configuration 3 Observation Wells  
Uranium**



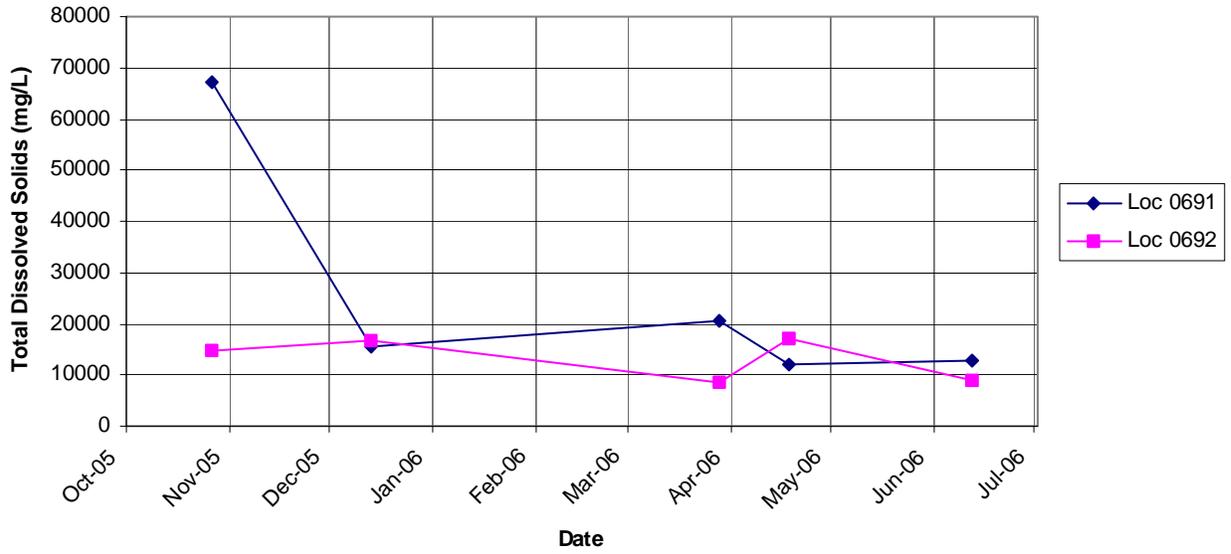
Moab Site  
Configuration 3 Piezometers  
Ammonia Total as N



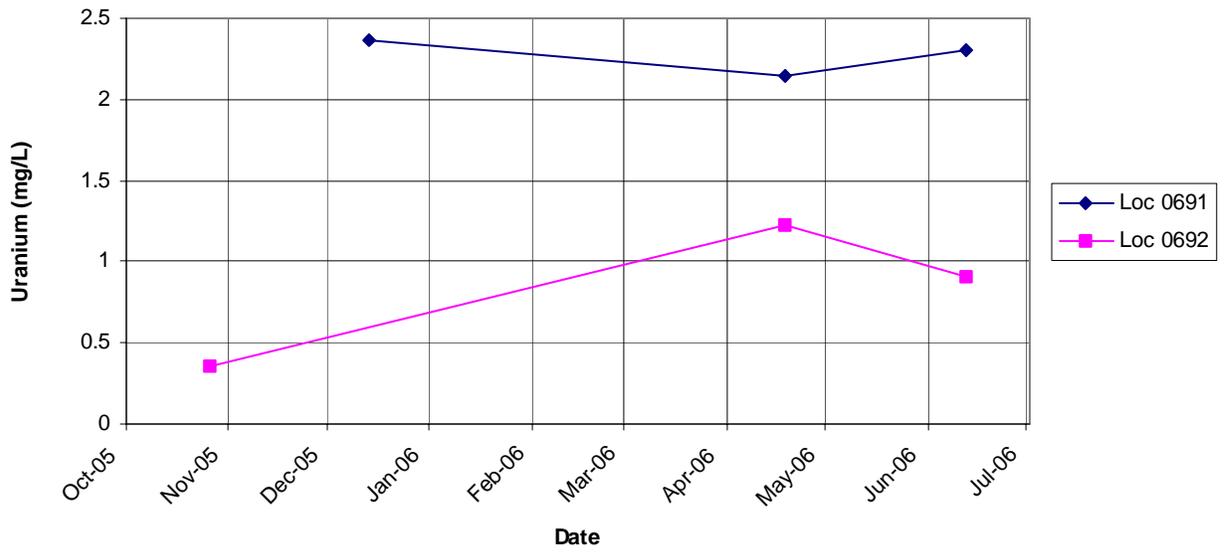
Moab Site  
Configuration 3 Piezometers  
Sulfate



Moab Site  
Configuration 3 Piezometers  
Total Dissolved Solids



Moab Site  
Configuration 3 Piezometers  
Uranium



**Attachment 2**

**Trip Reports**

DATE: September 11, 2006

TO: John Ford

FROM: E. M. Glowiak

SUBJECT: Trip Report

**Site:** Moab – Interim Action Well Field Monthly Sampling – June 2006

**Date of Sampling Event:** June 5–19, 2006.

**Team Members:** Elizabeth Glowiak, Steve Back, and Ken Pill

**RIN Number Assigned:** All samples were assigned to RIN 06050386

## June 2006 Baseline Sampling

**Number of Locations Sampled:** Seven observation wells (0405, 0488, 0493, SMI-PZ1S, SMI-PZ1M, SMI-PZ1D2, and SMI-PW01), one surface water location (0241), and three piezometer locations (0494, 0495, and 0597) were sampled. Including one duplicate and one equipment blank, a total of 13 samples were collected.

**Locations Not Sampled/Reason:** All locations were sampled.

**Field Variance:** Limited sample volume was available for analysis from piezometer locations 0494, 0495, and 0597. These samples were split and preserved as directed by the laboratory for proper analysis.

**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
2228	0493	Duplicate from 46 ft bgs <sup>a</sup>	Ground Water	NFB 300
2227	NA	Equipment Blank – GW Equip	DI Water <sup>b</sup>	NFB 326

<sup>a</sup>feet below ground surface

<sup>b</sup>Deionized Water

**Sample Shipment:** All samples were shipped in a cooler overnight FedEx to Paragon Analytics, Inc. from Moab, Utah, on June 8 and 15, 2006 (Airbill Nos. 8553 8751 8964, 8553 8751 8975).

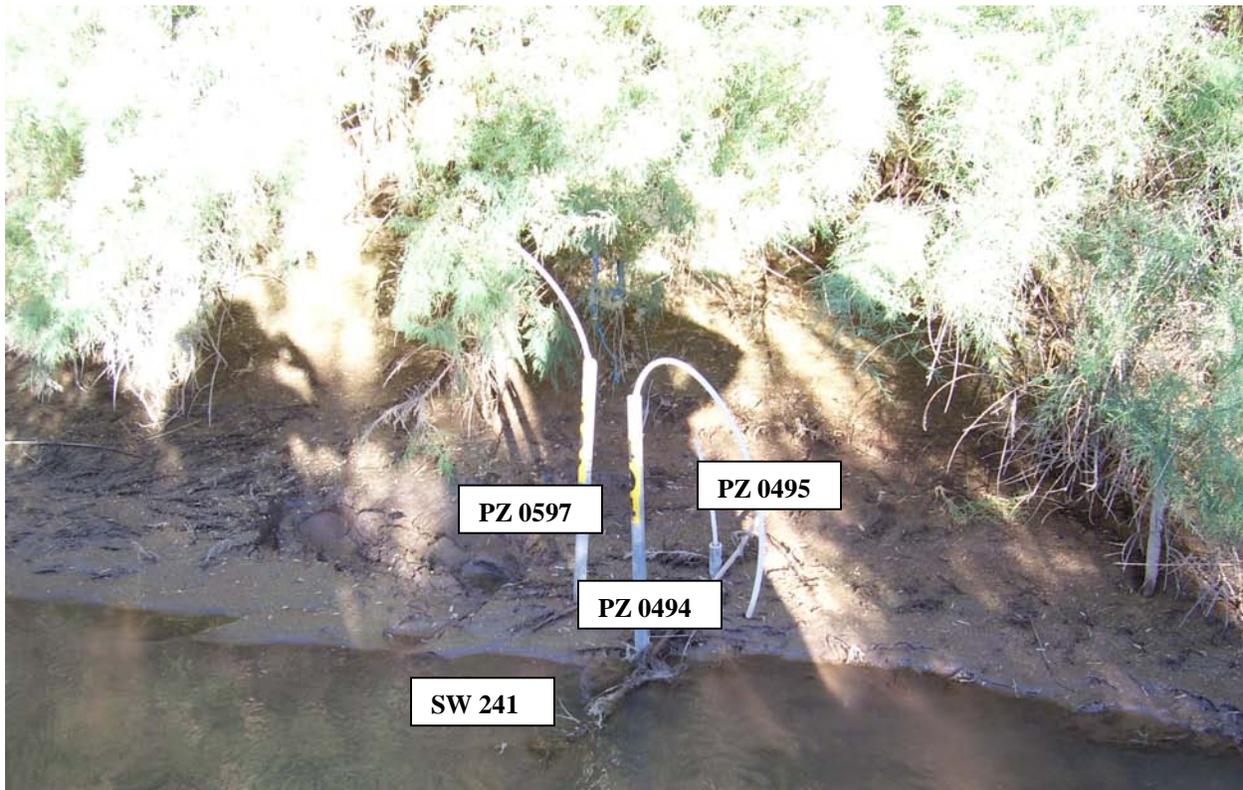
**Location Specific Information – Observation Wells:** All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc)*	Sample Depth (ft bgs)
0405	06/14/2006	08:10	12.22	18
0488	06/14/2006	07:41	12.13	33
0493	06/14/2006	08:32	11.82	46
SMI-PW01	06/13/2006	13:50	12.01	40
SMI-PZ1S	06/13/2006	13:05	12.97	18
SMI-PZ1M	06/13/2006	14:55	11.91	57
SMI-PZ1D2	06/13/2006	14:15	12.85	73

\*feet below top of casing

**Location Specific Information – Piezometer Sampling:** The piezometer was initially purged June 12, 2006. The table below presents the water level, stick up height, and depth to the river surface prior to the initial purge.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0494	06/12/2006	15:15	2.49	1.91	1.93
0495	06/12/2006	15:33	1.13	3.00	Dry at base
0597	06/12/2006	15:28	3.62	1.92	Dry at base



Baseline Riverbank Piezometers 0494, 0495, and 0597 and Surface Water Location 0241

**Well Inspection Summary:** A well inspection was not conducted.

**Site Issues:** According to the United States Geological Survey (USGS) Cisco Gaging Station (Station No. 09180500), the mean daily Colorado River flows during this sampling event are provided below:

<b>Date</b>	<b>Daily Mean Flow (cfs)</b>
06/05/2006	11,900
06/06/2006	12,300
06/07/2006	12,600
06/08/2006	No data
06/12/2006	12,500
06/13/2006	11,700
06/14/2006	10,800
06/15/2006	10,100
06/19/2006	7,980

**Equipment Issues:** None.

**Corrective Action Required/Taken:** None.

## June 2006 Configuration 1 Sampling

**Number of Locations Sampled:** Eleven Configuration 1 extraction wells (0470 through 0479, and PW-02), 14 observation wells (0403, 0407, 0480, 0481, 0482, 0483, 0484, 0485, 0557, 0558, 0559, 0560, 0561, 0596), one surface water location (0216), and two treatment system locations (0547 and 0548) were sampled. Including two duplicates and one equipment blank, a total of 31 samples were collected.

**Locations Not Sampled/Reason:** The Configuration 1 piezometers were inaccessible due to high water levels, and were not sampled.

**Field Variance:** A water depth was not recorded on PW-02; equipment was blocking the well opening.

**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
2235	0558	Duplicate of from 36 ft bgs	Ground Water	NFB 382
2234	0407	Duplicate from 17 ft bgs	Ground Water	NFB 389
2233	NA	Equipment Blank	DI Water	NFB 383

**Sample Shipment:** All samples were shipped in a cooler overnight FedEx to Paragon Analytics, Inc. from Moab, Utah, on June 8 and 20, 2006 (Airbill Nos. 8553 8751 8964, 8553 8751 8986).

**Location Specific Information – Configuration 1 Extraction Wells:** Extraction wells were sampled using dedicated submersible pumps.

Well No.	Date	Time	Water Level (ft btoc)	Pump Intake (ft bgs)
0470	06/08/2006	09:25	9.51	18
0471	06/08/2006	09:34	9.96	18
0472	06/08/2006	09:45	9.45	18
0473	06/08/2006	10:00	9.95	18
0474	06/08/2006	10:08	9.71	18
0475	06/08/2006	10:20	10.41	18
0476	06/08/2006	10:38	9.99	18
0477	06/08/2006	10:44	10.21	18
0478	06/08/2006	11:10	11.39	23
0479	06/08/2006	11:11	9.91	23
PW-02	06/14/2006	09:50	NA	55

**Location Specific Information – Observation Wells:** All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed below.

<b>Well No.</b>	<b>Date</b>	<b>Time</b>	<b>Depth to Water (ft btoc)</b>	<b>Sample Depth (ft bgs)</b>
0403	06/15/2006	09:40	13.63	18
0407	06/19/2006	15:46	14.60	17
0480	06/19/2006	13:40	13.92	18
0481	06/19/2006	14:40	14.21	28
0482	06/19/2006	14:47	15.41	58
0483	06/19/2006	10:00	14.29	18
0484	06/19/2006	10:25	14.71	28
0485	06/19/2006	09:20	14.92	58
0557	06/19/2006	15:05	14.26	40
0558	06/19/2006	10:55	14.69	36
0559	06/19/2006	08:58	15.25	19
0560	06/19/2006	08:23	14.33	31
0561	06/15/2006	10:15	14.43	50
0596	06/15/2006	10:54	13.42	24

**Location-Specific Information – Piezometer Sampling:** The Configuration 1 piezometers were not sampled during the June sampling event. The river levels were too high and the piezometers were inaccessible.

**Location Specific Information – Treatment System Sampling:** Locations 0547 and 0548 were sampled when the evaporation pond level was 5.20 ft. The sample for location 0548 was collected off the pond discharge line. Location 0547 was collected from the pond inlet. Both of these locations were sampled June 14, 2006.



Surface Water Location 0216

(The riverbank piezometers are located approximately 25 ft downriver of this location.)

## June 2006 Configuration 2 Sampling

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**Number of Locations Sampled:** Seven of the Configuration 2 extraction wells, (0570, 0571, 0572, 0573, 0575, 0577, and 0579), 14 Configuration 2 observation wells (0580-0582, 0584-0589, 0402, 0408, 0600, 0601, 0602), and two surface water locations (0236 and 0240) were sampled. Including two duplicates and one equipment blank, a total of 26 samples were collected.

**Locations Not Sampled/Reason:** None of the Configuration 2 piezometers were sampled due to high river levels. Extraction well 0574 was not pumping and was not sampled. The injection water (0550) was not sampled because ground water injection did not take place in the month of June. Extraction well 0576 was dry and therefore was not sampled.

**Field Variance:** None.

**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
2239	0579	Duplicate from 37 ft bgs	Ground Water	NFB 241
2238	0586	Duplicate from 18 ft bgs	Ground Water	NFB 226
2237	NA	Equipment Blank	DI Water	NFB 283

**Sample Shipment:** All samples were shipped in a cooler overnight FedEx to Paragon Analytics, Inc., from Moab, Utah, on June 8 and 15, 2006 (Airbill Nos. 8553 8751 8964, 8553 8751 8975).

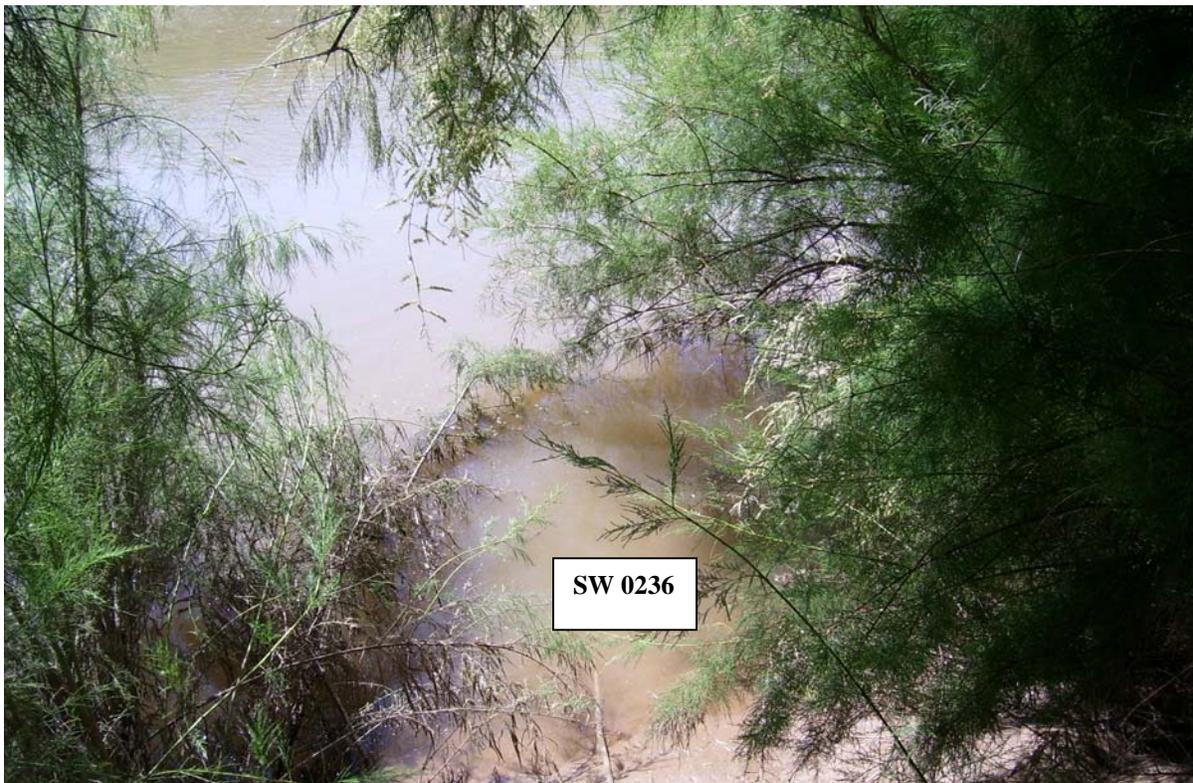
**Location Specific Information – Configuration 2 Extraction Wells:** Extraction wells were sampled using dedicated submersible pumps.

Well No.	Date	Time	Water Level (ft btoc)	Pump Intake (ft bgs)
0570	06/08/2006	07:30	23.61	27
0571	06/08/2006	08:55	24.32	37
0572	06/08/2006	07:48	26.76	27
0573	06/08/2006	07:59	31.72	37
0575	06/08/2006	08:14	17.21	37
0577	06/08/2006	08:30	16.52	37
0579	06/08/2006	08:40	9.58	37

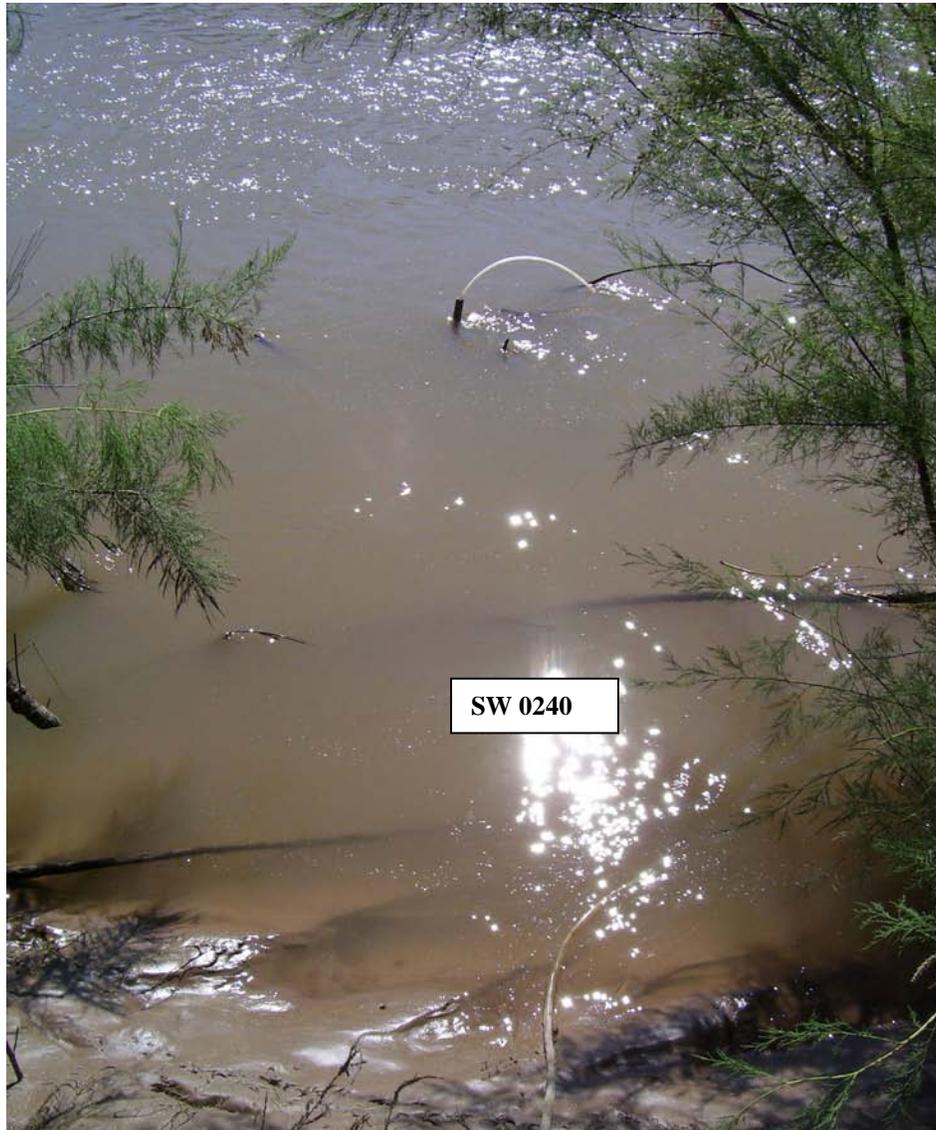
**Location Specific Information – Observation Wells:** All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0402	06/12/2006	11:12	12.60	17
0408	06/07/2006	07:43	13.50	26
0580	06/12/2006	14:20	13.46	18
0581	06/12/2006	13:35	13.02	18
0582	06/12/2006	13:00	13.51	18
0584	06/07/2006	14:00	13.35	18
0585	06/07/2006	09:23	13.60	18
0586	06/06/2006	15:26	13.71	18
0587	06/07/2006	14:37	13.10	18
0588	06/07/2006	10:12	13.50	34
0589	06/07/2006	15:14	13.21	52
0600	06/12/2006	10:26	13.01	27
0601	06/07/2006	08:36	13.23	27
0602	06/07/2006	10:46	14.79	18

**Location Specific Information – Piezometer Sampling:** Due to high river levels, none of the Configuration 2 piezometers were sampled in the June sampling event.



Surface Water Location 0236



Surface Water Location 0240

(The riverbank piezometers are visible in the background.)

### June 2006 Configuration 3 Sampling

**Number of Locations Sampled:** Ten extraction wells (0670 through 0679), eleven observation wells (0404, 0680, 0681, 0682, 0683, 0684, 0685, 0686, 0687, 0688 [at 39 ft], and 0689 [at 46 ft]), and two piezometers (0691 and 0692). Including one equipment blank and two duplicates, a total of 26 samples were collected.

**Locations in Which Field Parameters Were Measured Only:** Parameters were measured at locations 0688 at 31 ft and 0689 at 54 ft.

Well No.	Date	Time	Depth (ft bgs)	Depth to Water (ft btoc)	Field Parameters					
					Temp (°C)	Spec Cond (µs/cm) <sup>a</sup>	D.O. <sup>b</sup> (mg/L)	pH	ORP (mV) <sup>c</sup>	Turb. (NTUs) <sup>d</sup>
0688	6/06/2006	08:45	31	13.69	18.17	28,690	2.46	6.64	169.9	5.15
0689	6/05/2006	15:52	54	13.47	21.78	115,700	1.83	6.88	71.4	4.04

<sup>a</sup>microseconds per centimeter

<sup>b</sup>Dissolved Oxygen

<sup>c</sup>Oxidation Reduction Potential (millivolts)

<sup>d</sup>Turbidity (Nephelometric Turbidity Units)

**Locations Not Sampled/Reason:** Surface water location 0257 was dry. Piezometer location 0690 never recharged after the initial purge.

**Field Variance:** A limited volume was available from piezometers 0691 and 0692. These samples were split and preserved as directed by the laboratory for proper analysis.

**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
2241	0679	Duplicate from 40 ft bgs	Ground Water	NFB 187
2242	0682	Duplicate from 28 ft bgs	Ground Water	NFB 196
2240	NA	Equipment Blank	DI Water	NFB 197

**Sample Shipment: Sample Shipment:** All samples were shipped in a cooler overnight FedEx to Paragon Analytics, Inc. from Moab, Utah, on June 8 and 15, 2006 (Airbill Nos. 8553 8751 8964 and 8553 8751 8975).

**Location Specific Information – Configuration 3 Extraction Wells:** All extraction wells were sampled using dedicated pumps.

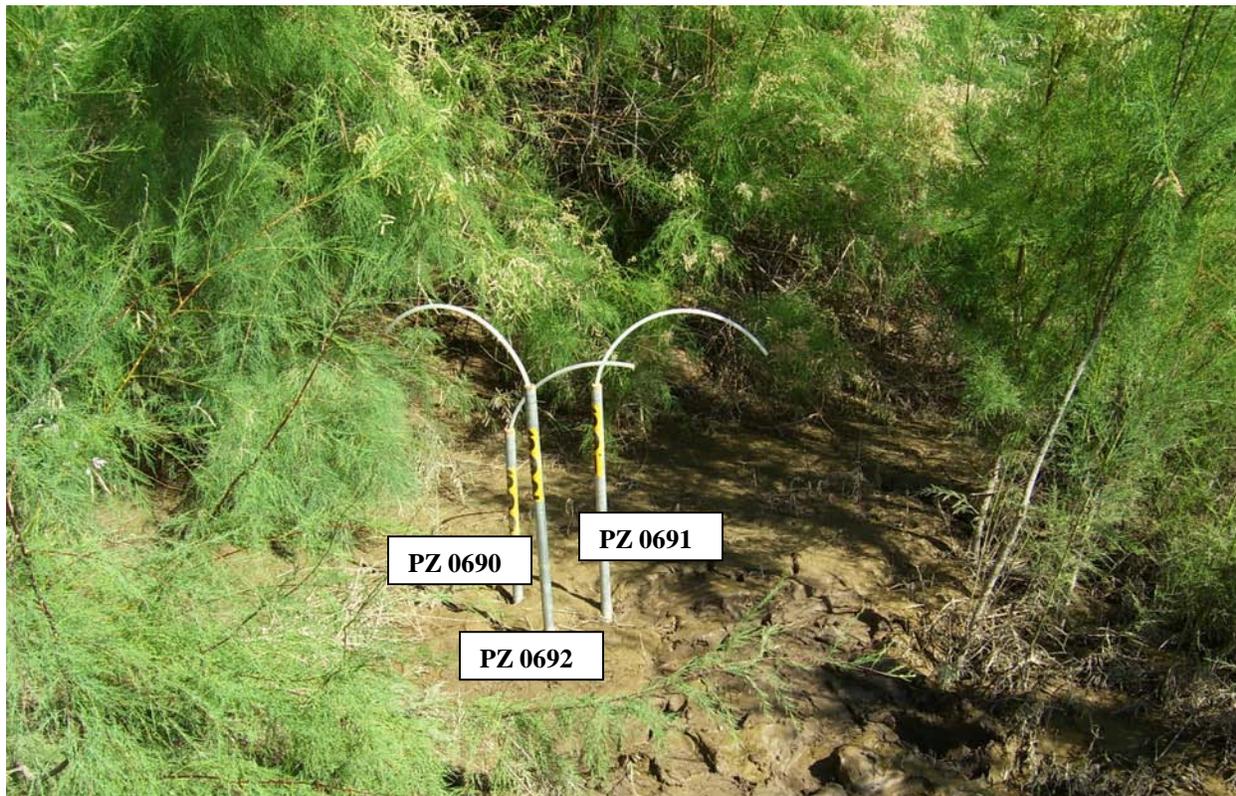
Well No.	Date	Time	Depth to Water (ft btoc)	Pump Intake (ft bgs)
0670	06/05/2006	09:15	14.32	40
0671	06/05/2006	09:22	14.88	40
0672	06/05/2006	09:40	15.25	40
0673	06/05/2006	09:42	15.33	40
0674	06/05/2006	10:05	15.04	40
0675	06/05/2006	10:00	15.04	40
0676	06/05/2006	11:26	14.32	40
0677	06/05/2006	11:31	14.11	40
0678	06/05/2006	11:45	14.32	40
0679	06/05/2006	11:45	14.29	40

**Location Specific Information – Observation Wells:** All observation wells were sampled using micro-purge techniques with a peristaltic pump and dedicated downhole tubing. Sample depths and water levels for each observation well are listed below.

Well No.	Date	Time	Depth to Water (ft btoc)	Sample Depth (ft bgs)
0404	06/05/2006	14:47	13.31	18
0680	06/06/2006	10:23	14.96	18
0681	06/06/2006	09:50	15.45	18
0682	06/06/2006	11:05	15.18	28
0683	06/06/2006	13:35	15.41	27
0684	06/06/2006	14:20	14.51	18
0685	06/05/2006	14:00	13.18	28
0686	06/05/2006	10:40	13.11	18
0687	06/06/2006	09:00	14.11	28
0688-39	06/06/2006	07:30	13.69	39
0689-46	06/05/2006	16:00	13.45	46

**Location Specific Information – Piezometer Sampling:** Piezometer 0690 did not recharge after the initial purge and was not sampled.

PZ No.	Date	Time	Depth to Water (ft btoc)	Stick Up Height (ft)	Depth to River Surface (ft btoc)
0691	06/12/2006	09:10	3.82	2.0	Dry at base
0692	06/12/2006	09:14	4.31	2.30	Dry at base



Riverbank Piezometers 0690, 0691, and 0692

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