



**DATA VALIDATION
FOR THE MOAB, UTAH
UMTRA SITE**

**June through September 2002
Water Sampling**

Prepared by the
**U.S. Department of Energy
Grand Junction Office**



MOAB, UTAH
June to September, 2002

DATA PACKAGE CONTENTS

This data package includes the following information:

- | <u>Item No.</u> | <u>Description of Contents</u> |
|-----------------|---|
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| 2. | Data Package Assessment , which includes the following: <ul style="list-style-type: none">a. Field activities verification checklist.b. Confirmation that chain-of-custody was maintained.c. Confirmation that holding time requirements were met.d. Evaluation of adequacy of the QC sample results. |
| 3. | Data Assessment Summary , which describes problems identified in the data validation process and summarizes the validator's findings. |
| 4. | Anomalous Data Review Checksheet. |
| 5. | Sample Collection Summary , which describes specific sample location conditions and sampling procedure variances to consider when evaluating sample results. |
| 6. | UMTRA Database Printouts. <ul style="list-style-type: none">a. Ground-Water Quality Data.b. Surface-Water Quality Data.c. Water Level Data.d. Moab Quarterly Sampling Locations Map. |
| 7. | Sampling and Analysis Work Order and Trip Report. |
| 8. | Environmental Sciences Laboratory Data Package for the Moab Drilling Project, November 2002. |
| 9. | Ground Water Surface Elevation Contour Map and Sample Location Map. |

Site Hydrologist Summary

Site: Moab, Utah

Sampling Period:

Water samples were collected during the drilling program from June 16 to October 10, 2002. The results for these samples were reported under Grand Junction Analytical Laboratory requisition numbers 18031, 18057, 18078, 18086, 18087, and 18102.

Water samples were collected during the Moab quarterly sampling event from August 12, 2002 to September 26, 2002. The results for these samples were reported under requisition numbers 18107 and 18155.

SUMMARY CRITERIA

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

Domestic wells were not sampled during this event.

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

The quarterly sampling event was the fourth conducted by the U.S. Department of Energy (DOE). DOE is currently in the process of reviewing historical data provided by Sheppard-Miller Inc. and assessing baseline conditions at the Moab site. Historical data has been formatted and incorporated into the Site Environmental Evaluation database. The DOE is in the process of preparing a Site Observational Work Plan (SOWP) and the data in this package, along with historical data will be integrated into the SOWP. An updated site conceptual model and contaminant plume movement will be addressed in the SOWP.

A contour map of ground water elevations for the alluvial flow system is attached. The network of wells used to construct the ground water elevation contour map is provisional and will evolve as DOE continues to assess the usefulness of historical wells and as new wells are added to the network. Wells with sample concentrations that exceeded UMTRA ground water standards are listed in Table 1.

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

Site Hydrologist Summary (continued)

As with ground water, a more complete assessment of impacts to surface water will be addressed as an updated conceptual site model is developed for the SOWP. There is an inadequate number of paired sampling events to provide a valid statistical comparison for all analytes collected during this sampling event. Samples collected from the Colorado River adjacent to and downstream from the site were compared to benchmark values derived from location CR-1 (located upstream on the Colorado River). Barium, cadmium and gross alpha exceeded their upgradient benchmark value at one location each. Molybdenum, nitrate, radium-226/228, selenium, and uranium each exceeded benchmark values at several locations.

Table 1. Moab Wells with Samples that Exceeded UMTRA Project Standards in August and September 2002 (Filtered Samples³).

ANALYTE	STANDARD ¹	WELLS EXCEEDING STANDARDS (CONCENTRATION)
Arsenic	0.05	0414 (0.313)
Cadmium	0.01	MW-1-R (0.0208), 0437 (0.0113)
Molybdenum	0.1	AMM-2 (1.11), AMM-3 (0.314), ATP-2-S (0.691), MW-1-R (8.73), MW-3 (1.12), SMI-PZ3D2 (0.413), SMI-PZ3S (0.158), TP-02 (0.572), TP-07 (0.274), TP-08 (0.93), TP-09, (0.727), 0412 (0.7), 0413 (0.342), 0414 (0.845), 0437 (4.72), 438 (0.217), 442 (2.33), 457 (0.123)
Net Alpha ²	15	AMM-3 (316.03), SMI-PZ3M unfiltered (91.46), SMI-PZ3S (368.88), TP-02 (4922.09), TP-07 unfiltered (227.42), 0412 (2440.06), 0414 (23.35), 0437 (605.15), 0438 (288.29)
Nitrate	44.27	AMM-2 (183), MW-1-R (2190), MW-3 (273), SMI-PZ3D2 (164), TP-09 (233), 0412 (185), 0413 (334), 0437 (605.15), 0438 (288.29)
Radium 226+228	5	ATP-2-D (10.39), 0435 (11.46), 0436 (11.7), 0444 (8.7), ATP-1-S (12.02)
Selenium	0.01	AMM-1 (0.0148), MW-1-R (0.198), SMI-PZ3S (0.0248), TP-01 unfiltered (0.0132), TP-09 (0.0282), 0412 (0.0959), 0413 (0.187), 0414 (0.132), 0437 (0.069), 0440 (0.0522), 0442 (0.125), 458 (0.0155)
Uranium	0.044	AMM-2 (2.46), AMM-3 (1.37), ATP-2-D (0.121), ATP-2-S (2.82), MW-1-R (1.79), MW-3 (3.56), SMI-PZ3D2 (2.61), SMI-PZ3M (0.712), SMI-PZ3S (1.93), TP-01 (0.248), TP-02 (16.5), TP-07 (2.66), TP-08 (2.58), TP-09 (3.52)

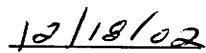
¹ Standards are listed in 40 CFR 192.02 Table 1 to subpart A; units are in mg/L for metals and nitrate, and pCi/L for net alpha and radium isotopes.

² Uranium concentrations were converted to activity using the conversion factor of 687 pCi/mg and were subtracted from the gross alpha results in order to derive net alpha, which excludes uranium and radon. The analytical technique excludes radon.

³ All results are for filtered samples unless otherwise noted.


Ken Karp

Site Hydrologist


Date

DATA ASSESSMENT

MOAB, UTAH
JUNE THROUGH OCTOBER 2002 SAMPLING EVENT
DATA ASSESSMENT SUMMARY

The DOE-GJO Analytical Laboratory analyzed samples and reported results for this sampling event under requisition numbers 18101, 18031, 18057, 18078, 18086, 18087, 18102, 18107, and 18155, for the Moab project. Results reported under requisition numbers 18101, 18031, 18057, 18078, 18086, 18087, and 18102 were for water samples collected during the drilling program in August 2002. The *Environmental Sciences Laboratory Data Package*, November 2002, documents the submission of samples under these requisitions to the Grand Junction Analytical Laboratory and is included in this data validation package.

Results reported under requisition numbers 18107 and 18155 were for water samples collected during the quarterly sampling event in August and September 2002, respectively.

Data qualification flags are listed in the data qualifiers column in the database printouts.

RADIOLOGICAL ANALYSES

The determination of gross alpha and gross beta was performed by gas proportional counting (PC). Lead-210, radium-226, radium-228, and radon-222 were determined using liquid scintillation spectrometry (LSc). Polonium-210 was determined using alpha spectrometry (AS). Thorium-230, uranium-234, and uranium-238 were determined by inductively coupled plasma-mass spectrometry (ICP-MS). Except as noted, all other quality control requirements were met during the course of these analyses.

Radiological results less than the minimum detectable activity (MDA) and/or the 3-sigma counting statistic range (3σ) were qualified with a "U" flag (nondetect) in the database.

Duplicate analyses were not performed for some analytes under requisition number 18101 because of insufficient sample volumes. Sample results were not affected.

Under requisition number 18107 radon-222 results were qualified with a "J" flag (estimated value) in the database because the duplicates were outside control limits.

Under requisition number 18107 several uranium-234 results received "J" flags because the serial dilution did not meet criteria.

Under requisition number 18101 several uranium-238 results received "J" flags because the matrix spike did not meet criteria.

Under requisition number 18155 several uranium-234 results were qualified with a "U" flag in the database because of continuing calibration blank (CCB) contamination.

METALS/MAJOR CATIONS ANALYSES

The determinations of aluminum, barium, boron, calcium, chromium, cobalt, copper, iron, lithium, magnesium, manganese, molybdenum, potassium, sodium, strontium, vanadium, and zinc was performed by inductively coupled plasma-atomic emission spectrometer (ICP-AES). Antimony, cadmium, lead, silver, thallium, and total uranium were analyzed by ICP-MS. Arsenic and selenium were analyzed by hydride generation atomic absorption spectroscopy (NaBH₄). Except as noted, all quality control requirements were met during the course of these analyses.

Under requisition number 18101 several copper and lithium results were qualified with "J" flags in the database because the serial dilution was outside control limits; and, several cadmium results received "J" flags because the matrix spike did not meet criteria.

Under requisition number 18155 one iron result received a "U" flag because of prep blank contamination. Additionally, several results for aluminum, antimony, cobalt, copper, iron and zinc received "U" flags because of CCB contamination.

Under requisition number 18155 several molybdenum results were qualified with "J" flags because the matrix spike recovery was outside control limits.

Under requisition number 18107 several iron and manganese results received a "U" flags because of prep blank contamination. Additionally, several results for aluminum, antimony, boron, cadmium, copper, and lead received "U" flags because of CCB contamination

Under requisition number 18107 several boron, manganese, potassium, and uranium results received "J" flags because the serial dilution did not meet criteria.

Under requisition number 18107 several silver results received "J" flags because the matrix spike was outside control limits.

INORGANIC ANALYSES

Chloride, fluoride, nitrate, phosphate, and sulfate were determined by ion chromatography (IC). Ammonium was determined by spectrophotometry (colorimetry), and total dissolved solids (TDS) was determined gravimetrically.

Under requisition number 18101 several pH results, and all phosphate and nitrogen results, received "J" flags in the database because holding times were exceeded. Holding time was also exceeded on one total dissolved solids sample under requisition number 18155; however, comparison to duplicate analyses indicates that the reported value is valid.

Under requisition number 18107 several ammonium results were qualified with a "U" flag in the database because of CCB contamination.

Under requisition number 18031 all TDS results were qualified with a "J" flag because the holding time was exceeded.

ORGANIC ANALYSES

Total organic carbon was determined by persulfate oxidation with UV irradiation. Except as noted, all quality control requirements were met during the course of these analyses.

One total organic carbon (TOC) result under requisition number 18101, and several TOC results under requisition numbers 18107 and 18155 result received "U" flags because of CCB contamination.

FIELD ANALYSIS/ACTIVITIES

Water sample results collected from wells under requisitions 18107 and 18155 were qualified with an "F" flag in the database indicating that the wells were purged and sampled using the low-flow sampling procedures.

Results for water samples (grab samples) collected from borings during the drilling program and reported under requisition number 18101 were qualified with a "Q" flag in the database indicating that the data is considered qualitative due to the sampling technique. In addition, results for these samples received "J" flags because the samples were not preserved in the field (with acid) due to the limited sample volume. The samples were preserved in the laboratory after determination of which analyses could be performed with the available sample volume. The samples for anions, total dissolved solids, and pH do not require preservation (other than keeping the samples cooled), and therefore, results for these analytes did not receive the "J" flags.

Results from wells MW-1-R, 0410, 0413, 0414, 0431, 0438, 0439, 0440, 0442, 0458, 0459, and 0537 were qualified with "Q" flags (qualitative) because these wells went dry or were sampled during well development.

Equipment blanks were not collected for samples from boreholes or wells. Samples from monitor wells where development had been completed were collected using dedicated equipment.

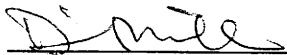
For the quarterly sampling event three field duplicate samples were collected for the 40 ground water locations sampled and one duplicate was collected for the 14 surface water locations sampled. Duplicate samples were collected from wells AMM-1, AMM-3 and 444, and surface water location CRA. There are no established regulatory criteria for the evaluation of field duplicate samples; therefore, EPA guidance for *laboratory* duplicates (which is conservative for field duplicates) was used to assess the precision of the field duplicates. With the exception of one result each for ammonium, molybdenum, and uranium-234/238, and two results for phosphorus, the duplicate results met the laboratory duplicate criteria of +/- 20 relative percent difference (20 RPD) and are considered acceptable.

SAR

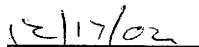
Because of technical constraints, a Suspected Anomalies Report (SAR) was not generated for the Moab site. Instead, historical data were reviewed as part of the evaluation of suspected anomalous data. Data from this sampling event that has not been qualified with "J" flags (estimated value) or "Q" flags (qualitative value) were compared to historical minimum and maximum values. Results that were greater than 150 percent of the historical maximum value or less than 50 percent of the historical minimum value (excluding ground water results with less than 5 historical data points and surface water results with less than 10 historical data points) are listed on the Anomalous Data Review Checksheet and will be compared to results of the next sampling round to make a final determination of validity. At this time, all data from the quarterly sampling event may be treated as final results.

SUMMARY

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 UMTRA database printouts or defined in the USEPA 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.



David Miller
Data Validation Lead



Date

DATA PACKAGE ASSESSMENT

REQUISITION NUMBERS: 18107 SITE: Moab, UT LABORATORY: GJO ANALYSIS DATES: 8/16/02 to 9/24/02
 REVIEWER: DAVID MILLER D. Miller DATE: 11/14/02

	ICP-MS	ICP-AES	GFAA	FAA	NaBH ₄	AS	LSc	PC	IC	Gravimetric	Colorimetric	Other TOC (UV irradiation)
CHAIN OF CUSTODY	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>
HOLDING TIME	<u>OK</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>
CALIB. VERIFICATION (For AS, internal tracer)	<u>OK</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>OK</u>	<u>OK</u>
PREP. BLANKS (Only if digestion)	<u>OK</u>	<u>①</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
INT/CONT CAL. BLANKS	<u>③</u>	<u>④</u>	<u>↓</u>	<u>↓</u>	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>OK</u>	<u>NA</u>	<u>②</u>	<u>⑤</u>
ICP SERIAL DILUTION	<u>⑥</u>	<u>⑦</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
ICS (ICP only)	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
LAB. CONTROL SAMPLE	<u>OK</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>
DUPLICATES	<u>OK</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>⑧</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>
POSTDIGEST. SPKS. (Only if MS fails)	<u>OK</u>	<u>NA</u>			<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
MATRIX SPKS.	<u>⑨</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>OK</u>	<u>OK</u>
OVERALL ASSESS.	<u>OK</u>	<u>OK</u>	<u>↓</u>	<u>↓</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>

DATA REQUIRING FLAGS: ① PB contamination; U Flag affected Iron and manganese results. ② CCB contamination; U Flag affected ammonium results. ③ CCB contamination; U Flag affected antimony, cadmium, and lead results. ④ CCB contamination; U Flag affected aluminum, boron, and copper results. ⑤ CCB contamination; U Flag affected TOC results. ⑥ Serial dilution outside limits; J Flag affected uranium and U-234 results. ⑦ Serial dilution outside limits; J Flag affected boron, manganese, and potassium results. ⑧ Duplicate outside control limit; J Flag affected Rn²²² results. ⑨ Matrix spike outside limits; J Flag affected silver results.

DATA PACKAGE ASSESSMENT

REQUISITION NUMBERS: 18101 SITE: Moab, UT. LABORATORY: GJO ANALYSIS DATES: 8/12/02 to 10/08/02

REVIEWER: DAVID MILLER D. Miller DATE: 11/19/02

NAME (print) SIGNATURE

	ICP-MS	ICP-AES	GFAA	FAA	NaBH ₄	AS	LSc	PC	IC	Gravimetric	Colorimetric	Other UV irradiation (TOC)
CHAIN OF CUSTODY	OK	OK	NA	NA	OK	OK	OK	OK	OK	OK	OK	pH OK
HOLDING TIME	OK	OK	+	+	OK	OK	OK	OK	①	OK	OK	OK ②
CALIB. VERIFICATION (For AS, internal tracer)	OK	OK	+	+	OK	OK	OK	OK	OK	NA	OK	OK OK
PREP. BLANKS (Only if digestion)	OK	NA	+	+	NA	OK	OK	OK	NA	NA	NA	NA
INT/CONT CAL. BLANKS	OK	OK	↓	↓	OK	NA	NA	NA	OK	NA	OK	③
ICP SERIAL DILUTION	OK	OK	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ICS (ICP only)	OK	OK	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LAB. CONTROL SAMPLE	OK	NA	+	+	NA	OK	OK	OK	OK	OK	NA	OK
DUPLICATES	OK	OK	+	+	OK	OK	OK	OK	OK	OK	OK	OK
POSTDIGEST. SPKS. (Only if MS fails)	OK	NA	+	+	NA	NA	NA	NA	NA	NA	NA	NA
MATRIX SPKS.	⑤	OK	+	+	OK	OK	OK	OK	OK	NA	OK	OK
OVERALL ASSESS.	—	—	↓	↓	—	—	—	—	—	—	—	—

① DATA REQUIRING FLAGS: Holding time exceeded; ① Flag all phosphate and nitrogen results. ② Holding time exceed; ② Flag affected pH results.

③ CCB contamination; ④ Flag TOC result for 290119. ④ Serial dilution outside control limits; ④ Flag affected copper and lithium results.

⑤ Matrix spike outside control limits; ⑤ Flag affected cadmium and U-238 results.

DATA PACKAGE ASSESSMENT

REQUISITION NUMBERS: 18155 SITE: Moab, UT. LABORATORY: GJO ANALYSIS DATES: 9/23/02 to 10/16/02
 REVIEWER: David Miller D. Miller DATE: 11/5/02
 NAME (print) SIGNATURE

	ICP-MS	ICP-AES	GFAA	FAA	NaBH ₄	AS	LSc	PC	IC	Gravimetric	Colorimetric	Other UV irradiation
CHAIN OF CUSTODY	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>
HOLDING TIME	<u>OK</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u> (5)	<u>OK</u>	<u>OK</u>
CALIB. VERIFICATION (For AS, internal tracer).	<u>OK</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>OK</u>	<u>OK</u>
PREP. BLANKS (Only if digestion)	<u>OK</u>	<u>①</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
INT/CONT CAL. BLANKS	<u>③</u>	<u>②</u>	↓	↓	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>OK</u>	<u>NA</u>	<u>OK</u>	<u>④</u>
ICP SERIAL DILUTION	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
ICS (ICP only)	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
LAB. CONTROL SAMPLE	<u>OK</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>
DUPLICATES	<u>OK</u>	<u>OK</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>
POSTDIGEST. SPKS. (Only if MS fails)	<u>NA</u>	<u>OK</u>			<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
MATRIX SPKS.	<u>OK</u>	<u>⑥</u>			<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>NA</u>	<u>OK</u>	<u>OK</u>
OVERALL ASSESS.	<u>OK</u>	<u>OK</u>	↓	↓	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>	<u>OK</u>

DATA REQUIRING FLAGS: ① Prep blank contamination; U Flag Iron result for Z91056. ② CCB contamination; U Flag affected samples for Aluminum, antimony, cobalt, copper, iron, and zinc. ③ CCB contamination; U Flag affected U/234 samples. ④ CCB contamination; U Flag affected TOC samples. ⑤ Holding time expired for TDS on sample Z91197, however, comparison to duplicate analysis indicates concentration value is valid. ⑥ Matrix spike outside control limits; J Flag affected samples.

DATA PACKAGE ASSESSMENT

REQUISITION NUMBERS: 18031* SITE: Mab, UT. LABORATORY: GIO ANALYSIS DATES: 7/8/02 to 8/12/02
 REVIEWER: DAVID MILLER D. Miller DATE: 11/5/02

	ICP-MS	ICP-AES	GFAA	FAA	NaBH ₄	AS	LSc	PC	IC	Gravimetric	Colorimetric	Other
CHAIN OF CUSTODY	NA	NA	NA	NA	NA	NA	NA	NA	NA	OK	NA	
HOLDING TIME										OK		
CALIB. VERIFICATION (For AS, internal tracer)										NA		
PREP. BLANKS (Only if digestion)						↓	↓	↓		NA	NA	
INT/CONT CAL. BLANKS			↓	↓	↓	NA	NA	NA	↓	NA		
ICP SERIAL DILUTION			NA	NA	NA	NA	NA	NA	NA	NA	NA	
ICS (ICP only)			NA	NA	NA	NA	NA	NA	NA	NA	NA	
LAB. CONTROL SAMPLE										OK		
DUPLICATES						↓	↓	↓		OK		
POSTDIGEST. SPKS. (Only if MS fails)						NA	NA	NA		NA	NA	
MATRIX SPKS.										NA		
OVERALL ASSESS.	↓	↓	↓	↓	↓	↓	↓	↓	↓	OK		

DATA REQUIRING FLAGS: * The Following requisition numbers are also included in this data assessment: 18057, 18078, 18087, 18102, and 18086.

UGW Water Sampling Field Activities Verification Checklist

Project Moorab, UT

Date(s) of Verification 11/20/02

8/8/02 to 8/24/02: Req. 18101 (Drilling)

8/12/02 to 8/20/02: Req. 18107

Date(s) of Water Sampling 9/17/02 to 9/26/02: Req. 18155

Name of Verifier DAVID MILLER

Response Comments
(Yes, No, N/A)

1. Is the SAP the primary document directing field procedures?

List other documents, SOP's, instructions.

Yes

Verbal direction from Project mgr., Work submittal for GJL, and Draft Work Plan (Drilling).

2. Were the sampling locations specified in the planning documents sampled?

Yes

Except: Wells MW-Z-R and 0411, which were dry; see trip report Recorded in Equipment room calibration logbook

3. Was a pre-trip calibration conducted as specified in the above named documents?

Yes

Except for 3 days where only 1 cal. was performed with a few exceptions for ORP and conductivity

4. Was an operational check of the field equipment conducted twice daily?

Yes

Except where there was not enough water

Did the operational checks meet criteria?

Yes

Except: a few were missed

6. Was the Category of the well documented?

Yes

With the exceptions below.

7. Were the following conditions met when purging a Category I well?

Yes

Except in wells(pipes) too small to measure w.l.

Were two pump/tubing volumes purged prior to sampling?

Yes

Except for wells that had not been developed

Did the water level stabilize prior to sampling?

Yes

Was a turbidity of less than 10 NTUs obtained prior to sampling?

Yes

Was the flow rate less than 500 mL/min?

Yes

If a portable pump was used, was there a 4 hour delay between pump installation and sampling?

Yes

8. Were the following conditions met when purging a Category II well?

Yes

Was the flow rate less than 100 mL/min?

Yes

UGW Water Sampling Field Activities Verification Checklist (continued)

- | | | |
|---|------------|---|
| Were two pump/tubing volumes removed prior to sampling? | <u>Yes</u> | |
| Were water levels documented during the purge? | <u>Yes</u> | |
| 9. Were duplicates taken at a frequency of one per 20 samples for ground water and surface water? | <u>Yes</u> | |
| 10. Were equipment blanks taken at a frequency of one per 20 samples that were collected with nondedicated equipment? | <u>Yes</u> | <i>Except: EB's not collected with the peristaltic pump</i> |
| 11. Were trip blanks prepared and included with each shipment of VOC samples? | <u>NA</u> | |
| 12. Were QC samples assigned a fictitious site identification number? | <u>Yes</u> | |
| Was the true identity of the samples recorded on the Quality Assurance Sample Log? | <u>Yes</u> | |
| 13. Were samples collected in the containers specified? | <u>Yes</u> | |
| 14. Were samples filtered and preserved as specified? | <u>Yes</u> | |
| 15. Were the number and types of samples collected as specified? | <u>Yes</u> | <i>when enough water was present</i> |
| 16. Were chain of custody records completed and was sample custody maintained? | <u>Yes</u> | |
| 17. Are field data sheets signed and dated by both team members? | <u>Yes</u> | <i>after the trip</i> |
| 18. Was all other pertinent information documented on the field data sheets? | <u>Yes</u> | |
| 19. Was the presence or absence of ice in the cooler documented at every sample location? | <u>Yes</u> | |
| 20. Were water levels measured at the locations specified in the planning documents? | <u>Yes</u> | |

Water samples collected during the drilling were not collected following the low-flow procedure; most of these samples were collected from boreholes, and Q flags.

not collected following the low-flow procedure; most this checklist does not apply. These samples will receive

DATA REVIEW CHECKSHEET

ANOMALOUS DATA REVIEW CHECKSHEET

SITE: Moab, Ut. SAMPLING DATA: Groundwater and Surface Water

REVIEWER(s): DAVID Miller D. Miller 11/27/02
NAME (print) SIGNATURE DATE

SITE HYDROLOGIST: Kenneth Karp Kenneth S. Karp 12/21/02
NAME (print) SIGNATURE DATE

DATE OF REVIEW: 11/27/02

SAMPLE COLLECTION SUMMARY

SAMPLE COLLECTION SUMMARY

Site: Moab, Utah

Surface Water Sample Locations

Sample location 0537 is a sump, which collects water wicked from the tailings pile. This location is subject to evaporation, which could result in increased constituent concentrations. This sampling event is the first in which samples were collected from this location, and therefore there are no historical values from this location for comparing results. Based on the concentrations from other on-site sample locations, the results for aluminum, specific conductivity and total dissolved solids for 0537 were included on the Anomalous Data Review Checksheet, and will be compared to the results of the next sampling round.

Ground Water Sample Locations

Several new wells had not been fully developed at the time of this sampling event. Additionally, several existing wells need development. As a result, the low-flow purging criteria of less than 10 nephelometric turbidity units (NTUs) was not met at wells 0410, 0413, 0414, 0439, 0440, 0442, ATP-2-D, and MW-1-R.

Sample results in the database that are associated with a range of values in the "Depth Range" column are results for water samples that were collected following low-flow sampling procedures; the range denotes the screened interval of the monitor well. Discrete values in the "Depth Range" column denote the depth at which grab samples collected from boreholes during the drilling program.

David Miller
David Miller
Data Validation Lead

12/18/02
Date

**ANALYTICAL
LABORATORY
RESULTS**

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Alkalinity, Total (As CaCO3)	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	405	F	#	-	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	252	FQ	#	-	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	579	QF	#	-	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	175	F	#	-	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	160	FQ	#	-	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	139	F	#	-	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	147	F	#	-	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	177	F	#	-	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	81	F	#	-	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	525	F	#	-	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	647	Q	#	-	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	838	Q	#	-	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	106	QF	#	-	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	1915	Q	#	-	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	130	F	#	-	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	106	F	#	-	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	1300	Q	#	-	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	138	F	#	-	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	981	F	#	-	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	987	F	#	-	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	35	F	#	-	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	158	F	#	-	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	864	F	#	-	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	161	F	#	-	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	1350	FQ	#	-	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	1300	F	#	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Alkalinity, Total (As CaCO ₃)	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	189	F	#	-	-	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	714	F	#	-	-	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	222	F	#	-	-	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	444	F	#	-	-	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	180	F	#	-	-	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	656	F	#	-	-	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	914	F	#	-	-	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	880	F	#	-	-	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	1047	F	#	-	-	-
Aluminum	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0241	B	F	#	0.0055	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0055	U	FQ	#	0.0055	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0347	B	QF	#	0.0055	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0098	B	UF	#	0.0076	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0055	U	FQ	#	0.0055	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0076	U	F	#	0.0076	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0076	U	F	#	0.0076	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.038	U	F	#	0.038	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0275	U	F	#	0.0275	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0275	U	F	#	0.0275	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.038	U	Q	#	0.038	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.038	U	Q	#	0.038	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.038	U	Q	#	0.038	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.038	U	Q	#	0.038	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.038	U	Q	#	0.038	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.038	U	Q	#	0.038	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0098	B	F	#	0.0055	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Aluminum	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.038	U	Q	#	0.038	
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.038	U	Q	#	0.038	
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0301	B	UQ	#	0.0055	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.0705	B	Q	#	0.038	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.136	B	Q	#	0.038	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.038	U	Q	#	0.038	
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0055	U	Q	#	0.0055	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0055	U	QF	#	0.0055	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0177	B	Q	#	0.0055	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0055	U	F	#	0.0055	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0275	U	F	#	0.0275	
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0275	U	F	#	0.0275	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0055	U	Q	#	0.0055	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0072	B	Q	#	0.0055	
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	77.200	Q	#	0.0275	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0076	U	F	#	0.0076	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0076	U	F	#	0.0076	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0312	B	UF	#	0.0076	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Aluminum	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0076	U	F	#	0.0076
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0159	B	F	#	0.0076
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0275	U	F	#	0.0275
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.0629	B	F	#	0.038
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0215	B	UF	#	0.0076
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0055	U	F	#	0.0055
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0111	B	FQ	#	0.0076
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.0277	B	UF	#	0.0076
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0076	U	F	#	0.0076
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0228	B	F	#	0.0076
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0147	B	F	#	0.0076
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0248	B	F	#	0.0076
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0094	B	UF	#	0.0076
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0868	F	#	0.0076	
Ammonium	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.0287	B	UF	#	0.0076
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.0161	B	UF	#	0.0076
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0226	B	UF	#	0.0076
	mg/L	0410	WL	09/18/2002	0001	18.80 - 23.72	0.0321	B	FQ	#	0.004
	mg/L	0410	WL	09/18/2002	N001	18.80 - 23.72	0.0161	B	FQ	#	0.004
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	1.520	F	#	0.004	
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	1.650	F	#	0.004	
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	11.300	FQ	#	0.004	
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	11.400	FQ	#	0.004	
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	42.500	QF	#	0.004	
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	41.400	QF	#	0.004	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0243	B	F	#	0.004

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Ammonium	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	0.0411	B	F	#	0.004	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.108		FQ	#	0.004	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	0.0988	B	FQ	#	0.004	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0639	B	F	#	0.004	-
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	0.0096	B	F	#	0.004	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.004	U	F	#	0.004	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.0071	B	UF	#	0.004	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.264		F	#	0.004	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.269		F	#	0.004	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	3.570		F	#	0.004	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	3.890		F	#	0.004	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	5.450		F	#	0.004	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	5.400		F	#	0.004	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	1.150		QJ	#	0.004	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	410.000		QJ	#	0.004	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	3.210		QJ	#	0.004	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	3.510		QJ	#	0.004	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	477.000		QJ	#	0.004	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	2100.000		QJ	#	0.004	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	2.430		F	#	0.004	-
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	2.310		F	#	0.004	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	113.000		QJ	#	0.004	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	51.800		QJ	#	0.004	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	27.700		Q	#	0.004	-
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	28.500		Q	#	0.004	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	6840.000		QJ	#	0.004	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Ammonium	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	2.780	QJ	#	0.004	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	35.500	QJ	#	0.004	-	
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	26.300	QJ	#	0.004	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	24.300	QJ	#	0.004	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	5.940	QJ	#	0.004	-	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	34.200	QJ	#	0.004	-	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	39.500	QJ	#	0.004	-	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	8.350	QJ	#	0.004	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	9.460	QJ	#	0.004	-	
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	11.000	QJ	#	0.004	-	
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	21.400	Q	#	0.004	-	
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	21.400	Q	#	0.004	-	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.394	QF	#	0.004	-	
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	0.400	QF	#	0.004	-	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	1370.000	Q	#	0.004	-	
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	1360.000	Q	#	0.004	-	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0922	B	F	#	0.004	-
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	0.0687	B	F	#	0.004	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	2.900	F	#	0.004	-	
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	2.840	F	#	0.004	-	
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	2.910	F	#	0.004	-	
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	2.920	F	#	0.004	-	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	436.000	Q	#	0.004	-	
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	441.000	Q	#	0.004	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	1.150	Q	#	0.004	-	
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	0.941	Q	#	0.004	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Ammonium	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	21700.000	Q	#	0.004	-
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	21100.000	Q	#	0.004	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0489	B	F	#	0.004
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.004	U	F	#	0.004
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	0.0287	B	F	#	0.004
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	0.010	B	F	#	0.004
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	1060.000	F	#	0.004	-
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	1040.000	F	#	0.004	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	106.000	F	#	0.004	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	136.000	F	#	0.004	-
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	160.000	F	#	0.004	-
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	162.000	F	#	0.004	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	4.000	F	#	0.004	-
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	4.410	F	#	0.004	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	726.000	F	#	0.004	-
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	718.000	F	#	0.004	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	835.000	F	#	0.004	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	784.000	F	#	0.004	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0864	B	F	#	0.004
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.033	B	F	#	0.004
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	1610.000	FQ	#	0.004	-
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	1610.000	FQ	#	0.004	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	1180.000	F	#	0.004	-
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	1150.000	F	#	0.004	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.004	U	F	#	0.004
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	0.0042	B	UF	#	0.004

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Ammonium	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	762.000	F	#	0.004	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	693.000	F	#	0.004	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	61.400	F	#	0.004	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	59.600	F	#	0.004	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	14.600	F	#	0.004	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	13.800	F	#	0.004	-	
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.026	B	F	#	0.004	-
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	0.0364	B	F	#	0.004	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	1.880	F	#	0.004	-	
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	1.640	F	#	0.004	-	
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	871.000	F	#	0.004	-	
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	95.300	F	#	0.004	-	
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	495.000	F	#	0.004	-	
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	473.000	F	#	0.004	-	
Antimony	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	1230.000	F	#	0.004	-	
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	1220.000	F	#	0.004	-	
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.00047	B	F	#	0.0001	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.00044	B	FQ	#	0.0001	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0019	B	QF	#	0.0001	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0017	B	UF	#	0.0001	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0006	B	FQ	#	0.0001	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0039	UF	#	0.0001	-	
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.00016	B	UF	#	0.0001	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0001	U	F	#	0.0001	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.003	B	F	#	0.0005	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0018	B	F	#	0.0005	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Antimony	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.00076	B	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.00068	B	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0028	B	QJ	#	0.0005
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.00033	B	F	#	0.0001
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0057	B	QJ	#	0.0005
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.0005	U	QJ	#	0.0005
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.00014	B	Q	#	0.0001
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.0026	B	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.00092	B	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.00068	B	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.005	B	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0014	B	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0027	B	QJ	#	0.0005
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.00078	B	QJ	#	0.0001
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.00095	B	QJ	#	0.0001
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.00066	B	QJ	#	0.0001
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.00024	B	Q	#	0.0001
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.001	B	QF	#	0.0001
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.00051	B	Q	#	0.0001
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0001	U	F	#	0.0001
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0016	B	F	#	0.0005

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Antimony	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0011	B	F	#	0.0005
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0012	B	Q	#	0.0001
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.00063	B	Q	#	0.0001
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	0.0016	B	Q	#	0.0005
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.00077	B	UF	#	0.0001
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0003	B	UF	#	0.0001
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.00046	B	UF	#	0.0001
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.00031	B	UF	#	0.0001
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0001	U	F	#	0.0001
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.00058	B	F	#	0.0005
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.00088	B	UF	#	0.0001
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.00035	B	UF	#	0.0001
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0001	U	F	#	0.0001
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0001	U	FQ	#	0.0001
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.00032	B	UF	#	0.0001
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.00019	B	UF	#	0.0001
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.00021	B	UF	#	0.0001
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.00025	B	UF	#	0.0001
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.00063	B	UF	#	0.0001
Arsenic	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0029	B	UF	#	0.0001
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0007	B	UF	#	0.0001
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.00063	B	UF	#	0.0001
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.00047	B	UF	#	0.0001
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.00034	B	UF	#	0.0001

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Arsenic	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.313	QF	#	0.002	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.00022	B	F	#	0.0001
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0001	U	FQ	#	0.0001
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0001	U	F	#	0.0001
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0001	U	F	#	0.0001
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0001	U	F	#	0.0001
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0001	B	F	#	0.0001
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0002	B	F	#	0.0001
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.00015	B	QJ	#	0.0001
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.00022	B	QJ	#	0.0001
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.00026	B	QJ	#	0.0001
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.00052	B	QJ	#	0.0001
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0001	B	QJ	#	0.0001
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.00013	B	QJ	#	0.0001
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.00085	B	F	#	0.0001
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0481	QJ	#	0.0005	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.00048	B	QJ	#	0.0001
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.00029	B	Q	#	0.0001
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.151	QJ	#	0.002	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.00013	B	QJ	#	0.0001
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.00015	B	QJ	#	0.0001
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0004	B	QJ	#	0.0001
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.00048	B	QJ	#	0.0001
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0001	U	QJ	#	0.0001
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.00018	B	QJ	#	0.0001
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.00018	B	QJ	#	0.0001

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Arsenic	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0001	U	QJ	#	0.0001	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0001	U	QJ	#	0.0001	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0001	U	QJ	#	0.0001	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0001	U	Q	#	0.0001	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0001	B	QF	#	0.0001	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0075	Q	#	0.0001	-	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.00027	B	F	#	0.0001	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.00031	B	F	#	0.0001	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.00017	B	F	#	0.0001	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0001	U	Q	#	0.0001	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0001	U	Q	#	0.0001	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	0.0045	B	Q	#	0.0001	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.00055	B	F	#	0.0001	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.00055	B	F	#	0.0001	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.001	B	F	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0027	B	F	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0026	B	F	#	0.0001	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.001	B	F	#	0.0001	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.00035	B	F	#	0.0001	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.00039	B	F	#	0.0001	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0031	B	F	#	0.0001	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0059	FQ	#	0.0001	-	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.00079	B	F	#	0.0001	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0014	B	F	#	0.0001	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.00043	B	F	#	0.0001	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0011	B	F	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Arsenic	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.019	F	#	0.0001	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0017	B	F	#	0.0001
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0019	B	F	#	0.0001
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.00029	B	F	#	0.0001
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.00055	B	F	#	0.0001
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0017	B	F	#	0.0001
Barium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0225	B	F	#	0.0006
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0318	B	FQ	#	0.0006
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0216	B	QF	#	0.0006
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.133	F	#	0.0005	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0469	B	FQ	#	0.0006
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0211	B	F	#	0.0005
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.023	B	F	#	0.0005
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0675	B	F	#	0.0025
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0759	B	F	#	0.003
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0763	B	F	#	0.003
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0398	B	F	#	0.0006
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0285	B	Q	#	0.0006
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0291	B	Q	#	0.0006
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0297	B	QF	#	0.0006
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0213	B	Q	#	0.0006
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0376	B	F	#	0.0006
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0842	B	F	#	0.003
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0813	B	F	#	0.003
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0313	B	Q	#	0.0006
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0754	B	Q	#	0.0006

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Barium	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	0.0653	B	Q	#	0.003	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0234	B	F	#	0.0005	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.024	B	F	#	0.0005	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0229	B	F	#	0.0005	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0213	B	F	#	0.0005	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0205	B	F	#	0.0005	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0626	B	F	#	0.003	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.0648	B	F	#	0.0025	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0204	B	F	#	0.0005	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0488	B	F	#	0.0006	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.012	B	FQ	#	0.0005	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.029	B	F	#	0.0005	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.033	B	F	#	0.0005	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0219	B	F	#	0.0005	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0266	B	F	#	0.0005	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0361	B	F	#	0.0005	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0277	B	F	#	0.0005	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0178	B	F	#	0.0005	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.0185	B	F	#	0.0005	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.0174	B	F	#	0.0005	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0166	B	F	#	0.0005	-
Beryllium	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0005	U	QJ	#	0.0005	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Beryllium	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0005	U	QJ	#	0.0005	-
Boron	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.264	F	#	0.0011	-	-
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	0.265	F	#	0.00122	-	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.280	FQ	#	0.0011	-	-
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	0.273	FQ	#	0.00122	-	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.677	QF	#	0.0011	-	-
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	0.704	QF	#	0.00122	-	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.111	F	#	0.0021	-	-
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	0.100	B	F	#	0.00233	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.946	FQ	#	0.0011	-	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	0.913	FQ	#	0.00122	-	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.117	F	#	0.0021	-	-
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	0.114	F	#	0.00233	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Boron	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.135	F	#	0.0021	-	
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.120	F	#	0.00233	-	
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.537	F	#	0.0105	-	
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.546	B	F	#	0.01167	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	1.290		F	#	0.0055	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	1.260		F	#	0.00611	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	4.210		F	#	0.0055	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	4.430		F	#	0.00611	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.310	B	QJ	#	0.0105	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.315	B	QJ	#	0.0105	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.471	B	QJ	#	0.0105	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.585		Q	#	0.0105	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.322	B	QJ	#	0.0105	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	1.250		QJ	#	0.0105	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.445		F	#	0.0011	-
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	0.435		F	#	0.00122	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.127	B	QJ	#	0.0105	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.324	B	QJ	#	0.0105	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.384		Q	#	0.0011	-
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	0.379		Q	#	0.00122	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.0606	B	QJ	#	0.0105	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.523		QJ	#	0.0105	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.536		QJ	#	0.0105	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.576		QJ	#	0.0105	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.675		QJ	#	0.0105	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.926		QJ	#	0.0105	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Boron	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	1.470	QJ	#	0.0105	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	1.500	QJ	#	0.0105	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	1.280	QJ	#	0.0105	-	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	2.010	QJ	#	0.0105	-	
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	1.960	QJ	#	0.0105	-	
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.714	Q	#	0.0011	-	
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	0.722	Q	#	0.00122	-	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.689	QF	#	0.0011	-	
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	0.672	QF	#	0.00122	-	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.830	Q	#	0.0011	-	
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	0.710	Q	#	0.00122	-	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.180	F	#	0.0011	-	
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	0.165	F	#	0.00122	-	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	1.130	F	#	0.0055	-	
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	1.060	F	#	0.0055	-	
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	1.170	F	#	0.00611	-	
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	1.170	F	#	0.00611	-	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.163	Q	#	0.0011	-	
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	0.165	Q	#	0.00122	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.338	Q	#	0.0011	-	
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	0.228	Q	#	0.00122	-	
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	1.490	Q	#	0.0055	-	
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	1.530	Q	#	0.00611	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.397	F	#	0.0021	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.360	F	#	0.0021	-	
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	0.451	F	#	0.00233	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Boron	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	0.451	F	#	0.00233	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.620	F	#	0.0021	-	
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	0.624	E	UF	#	0.00233	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	1.280	F	#	0.0021	-	
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	1.130	F	#	0.0021	-	
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	0.789	F	#	0.00233	-	
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	0.806	F	#	0.00233	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	4.140	F	#	0.0055	-	
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	3.930	F	#	0.00611	-	
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	2.810	F	#	0.0105	-	
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	3.040	F	#	0.01167	-	
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.631	F	#	0.0021	-	
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	0.681	E	UF	#	0.00233	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.132	F	#	0.0011	-	
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.119	F	#	0.00122	-	
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.422	FQ	#	0.0021	-	
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	0.369	FQ	#	0.00233	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.947	F	#	0.0021	-	
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	0.991	E	UF	#	0.00233	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.106	F	#	0.0021	-	
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	0.106	B	F	#	0.00233	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.367	F	#	0.0021	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	0.363	F	#	0.00233	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.172	F	#	0.0021	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	0.181	F	#	0.00233	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.221	F	#	0.0021	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Boron	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	0.222	F	#	0.00233	-	
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.329	F	#	0.0021	-	
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	0.353	F	#	0.00233	-	
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.277	F	#	0.0021	-	
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	0.278	F	#	0.00233	-	
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	1.080	F	#	0.0021	-	
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	1.030	E	UF	#	0.00233	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.668	F	#	0.0021	-	
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	0.745	E	UF	#	0.00233	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.590	F	#	0.0021	-	
Cadmium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0013	F	#	0.0001	-	
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0007	B	FQ	#	0.0001	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0016	QF	#	0.0001	-	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.00029	B	UF	#	0.0001	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.00018	B	FQ	#	0.0001	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.00026	B	UF	#	0.0001	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0001	U	F	#	0.0001	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.00037	B	UF	#	0.0001	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0005	U	F	#	0.0005	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0005	U	F	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0013	BN	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0034	BN	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0202	N	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.001	BN	QJ	#	0.0005	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0011	BN	QJ	#	0.0005	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Cadmium	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0013	BN	QJ	#	0.0005
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0113	F	#	0.0001	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0064	N	QJ	#	0.0005
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.0012	BN	QJ	#	0.0005
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.00041	B	Q	#	0.0001
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.0492	N	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0058	N	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0018	BN	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0015	BN	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0005	BN	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0024	BN	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0025	BN	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0026	BN	QJ	#	0.0005
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.00032	BN	QJ	#	0.0001
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0007	BN	QJ	#	0.0001
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.00024	BN	QJ	#	0.0001
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.00028	B	Q	#	0.0001
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.00043	B	QF	#	0.0001
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0056	Q	#	0.0001	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0001	U	F	#	0.0001
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0006	B	F	#	0.0005
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0005	U	F	#	0.0005
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.00044	B	Q	#	0.0001
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0002	B	Q	#	0.0001
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	1.980	Q	#	0.0005	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.00027	B	UF	#	0.0001

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Cadmium	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.00028	B	UF	#	0.0001	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0044		F	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.00074	B	UF	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0011		F	#	0.0001	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0005	U	F	#	0.0005	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.00035	B	UF	#	0.0001	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0024		F	#	0.0001	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0001	U	F	#	0.0001	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0208		FQ	#	0.0001	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.0035		F	#	0.0001	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.00025	B	UF	#	0.0001	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0026		F	#	0.0001	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.00046	B	UF	#	0.0001	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.00067	B	UF	#	0.0001	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.00051	B	UF	#	0.0001	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0019		F	#	0.0001	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.001		F	#	0.0001	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.003		F	#	0.0001	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0027		F	#	0.0001	-
Calcium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	189.000		F	#	0.0499	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	128.000		FQ	#	0.0499	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	14.800		QF	#	0.0499	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	98.800		F	#	0.0533	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	485.000		FQ	#	0.0499	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	94.500		F	#	0.0533	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	103.000		F	#	0.0533	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE			LAB	DATA	QA		
Calcium	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	477.000	F	#	0.2665	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	1320.000	F	#	0.2495	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	1470.000	F	#	0.2495	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	430.000	QJ	#	0.2665	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	178.000	QJ	#	0.2665	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	229.000	QJ	#	0.2665	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	332.000	QJ	#	0.2665	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	766.000	QJ	#	0.2665	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	267.000	QJ	#	0.2665	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	174.000	F	#	0.0499	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	214.000	QJ	#	0.2665	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	438.000	QJ	#	0.2665	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	446.000	Q	#	0.0499	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	507.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	310.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	382.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	400.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	422.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	549.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	693.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	430.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	912.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	699.000	QJ	#	0.2665	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	900.000	QJ	#	0.2665	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	405.000	Q	#	0.0499	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	701.000	QF	#	0.0499	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Calcium	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	233.000	Q	#	0.0499	-	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	209.000	F	#	0.0499	-	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	1230.000	F	#	0.2495	-	
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	1220.000	F	#	0.2495	-	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	116.000	Q	#	0.0499	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	130.000	Q	#	0.0499	-	
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	652.000	Q	#	0.2495	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	215.000	F	#	0.0533	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	214.000	F	#	0.0533	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	432.000	F	#	0.0533	-	
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	501.000	F	#	0.0533	-	
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	482.000	F	#	0.0533	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	1400.000	F	#	0.2495	-	
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	1430.000	F	#	0.2665	-	
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	505.000	F	#	0.0533	-	
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	71.900	F	#	0.0499	-	
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	486.000	FQ	#	0.0533	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	466.000	F	#	0.0533	-	
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	54.600	F	#	0.0533	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	462.000	F	#	0.0533	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	113.000	F	#	0.0533	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	27.700	F	#	0.0533	-	
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	458.000	F	#	0.0533	-	
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	301.000	F	#	0.0533	-	
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	479.000	F	#	0.0533	-	
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	515.000	F	#	0.0533	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Calcium	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	446.000	F	#	0.0533	-	-
Chloride	mg/L	0410	WL	09/18/2002	0001	18.80 - 23.72	278.000	FQ	#	0.401	-	-
	mg/L	0410	WL	09/18/2002	N001	18.80 - 23.72	281.000	FQ	#	0.401	-	-
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	745.000	F	#	2.005	-	-
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	758.000	F	#	2.005	-	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	263.000	FQ	#	0.802	-	-
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	261.000	FQ	#	0.802	-	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	262.000	QF	#	0.802	-	-
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	255.000	QF	#	0.802	-	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	694.000	F	#	0.802	-	-
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	691.000	F	#	0.802	-	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	12200.000	FQ	#	8.02	-	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	12000.000	FQ	#	8.02	-	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	729.000	F	#	0.802	-	-
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	719.000	F	#	0.802	-	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	1180.000	F	#	0.802	-	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	1180.000	F	#	0.802	-	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	15700.000	F	#	8.02	-	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	15200.000	F	#	8.02	-	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	56300.000	F	#	40.1	-	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	55400.000	F	#	40.1	-	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	59500.000	F	#	40.1	-	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	35900.000	F	#	4.01	-	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	676.000	Q	#	2.005	-	-
	mg/L	0437	WL	08/23/2002	N001	160.00 - 160.00	690.000	Q	#	2.005	-	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	778.000	Q	#	0.2005	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Chloride	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	1730.000	Q	#	4.01	-	
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	870.000	Q	#	2.005	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	30400.000	Q	#	16.04	-	
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	1250.000	F	#	2.005	-	
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	1270.000	F	#	2.005	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	951.000	Q	#	0.401	-	
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	964.000	Q	#	2.005	-	
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	997.000	Q	#	2.005	-	
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	1010.000	Q	#	2.005	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	906.000	Q	#	2.005	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	1120.000	Q	#	2.005	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	1350.000	Q	#	2.005	-	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	1380.000	Q	#	2.005	-	
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	1450.000	Q	#	2.005	-	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	7790.000	Q	#	8.02	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	10000.000	Q	#	8.02	-	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	22000.000	Q	#	20.05	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	29700.000	Q	#	20.05	-	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	34900.000	Q	#	20.05	-	
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	35600.000	Q	#	20.05	-	
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	1110.000	Q	#	2.005	-	
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	1100.000	Q	#	2.005	-	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	2090.000	QF	#	2.005	-	
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	2200.000	QF	#	2.005	-	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	1260.000	Q	#	8.02	-	
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	1290.000	Q	#	8.02	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Chloride	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	1200.000	F	#	0.802	-	
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	1260.000	F	#	0.802	-	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	49900.000	F	#	20.05	-	
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	49800.000	F	#	20.05	-	
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	53800.000	F	#	40.1	-	
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	54300.000	F	#	40.1	-	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	2420.000	Q	#	2.005	-	
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	2370.000	Q	#	2.005	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	4570.000	Q	#	4.01	-	
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	2090.000	Q	#	4.01	-	
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	6610.000	Q	#	4.01	-	
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	6300.000	Q	#	20.05	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	3410.000	F	#	2.005	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	3360.000	F	#	2.005	-	
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	3320.000	F	#	2.005	-	
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	3340.000	F	#	2.005	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	2240.000	F	#	8.02	-	
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	2270.000	F	#	8.02	-	
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	1230.000	F	#	4.01	-	
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	1230.000	F	#	4.01	-	
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	1230.000	F	#	4.01	-	
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	1220.000	F	#	4.01	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	61300.000	F	#	40.1	-	
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	60600.000	F	#	40.1	-	
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	49400.000	F	#	20.05	-	
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	50000.000	F	#	20.05	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Chloride	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	3160.000	F	#	4.01	-	
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	3220.000	F	#	4.01	-	
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	573.000	F	#	0.802	-	
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	561.000	F	#	0.401	-	
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	1380.000	FQ	#	0.802	-	
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	1380.000	FQ	#	0.802	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	4380.000	F	#	8.02	-	
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	4450.000	F	#	8.02	-	
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	148.000	F	#	0.2005	-	
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	149.000	F	#	0.2005	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	3380.000	F	#	4.01	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	3340.000	F	#	4.01	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	1840.000	F	#	2.005	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	1810.000	F	#	2.005	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	962.000	F	#	2.005	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	935.000	F	#	2.005	-	
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	5400.000	F	#	4.01	-	
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	5450.000	F	#	4.01	-	
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	551.000	F	#	2.005	-	
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	522.000	F	#	2.005	-	
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	2050.000	F	#	4.01	-	
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	2060.000	F	#	4.01	-	
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	2540.000	F	#	4.01	-	
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	2570.000	F	#	4.01	-	
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	1690.000	F	#	0.802	-	
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	1650.000	F	#	8.02	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY	
		ID	TYPE	DATE			LAB	DATA	QA			
Chromium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0006	U	F	#	0.0006	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0006	U	FQ	#	0.0006	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0006	U	QF	#	0.0006	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0005	U	F	#	0.0005	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0006	U	FQ	#	0.0006	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0005	U	F	#	0.0005	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0005	U	F	#	0.0005	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0025	U	F	#	0.0025	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.003	U	F	#	0.003	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.003	U	F	#	0.003	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0006	U	F	#	0.0006	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0006	U	Q	#	0.0006	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0025	U	QJ	#	0.0025	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA		
Chromium	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0025	U	QJ	#	0.0025	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0006	U	Q	#	0.0006	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0006	U	QF	#	0.0006	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0006	U	Q	#	0.0006	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0006	U	F	#	0.0006	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.003	U	F	#	0.003	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.003	U	F	#	0.003	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0006	U	Q	#	0.0006	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0006	U	Q	#	0.0006	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	0.003	U	Q	#	0.003	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0005	U	F	#	0.0005	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0005	U	F	#	0.0005	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0005	U	F	#	0.0005	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0005	U	F	#	0.0005	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0005	U	F	#	0.0005	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.003	U	F	#	0.003	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.0025	U	F	#	0.0025	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0005	U	F	#	0.0005	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0006	U	F	#	0.0006	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0005	U	FQ	#	0.0005	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.0005	U	F	#	0.0005	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0011	B	F	#	0.0005	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Chromium	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0005	U	F	#	0.0005	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0005	U	F	#	0.0005	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0005	U	F	#	0.0005	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0005	U	F	#	0.0005	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0005	U	F	#	0.0005	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.0005	U	F	#	0.0005	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.0005	U	F	#	0.0005	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0005	U	F	#	0.0005	-
Cobalt	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0043	B	F	#	0.0013	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0026	B	FQ	#	0.0013	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.002	B	QF	#	0.0013	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0013	U	F	#	0.0013	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0034	B	FQ	#	0.0013	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0013	U	F	#	0.0013	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0013	U	F	#	0.0013	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0065	U	F	#	0.0065	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0094	B	F	#	0.0065	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0065	U	F	#	0.0065	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0065	U	QJ	#	0.0065	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0065	U	QJ	#	0.0065	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0075	B	QJ	#	0.0065	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0079	B	QJ	#	0.0065	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.010	B	QJ	#	0.0065	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0072	B	QJ	#	0.0065	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0056	B	F	#	0.0013	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0074	B	QJ	#	0.0065	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-	
		ID	TYPE	DATE			LAB	DATA	QA			
Cobalt	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.108	B	QJ	#	0.0065	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0046	B	UQ	#	0.0013	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.294		QJ	#	0.0065	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0065	U	QJ	#	0.0065	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0086	B	QJ	#	0.0065	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0136	B	QJ	#	0.0065	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0149	B	QJ	#	0.0065	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0075	B	QJ	#	0.0065	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0081	B	QJ	#	0.0065	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0158	B	QJ	#	0.0065	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0065	U	QJ	#	0.0065	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0065	U	QJ	#	0.0065	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0065	U	QJ	#	0.0065	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0068	B	UQ	#	0.0013	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0046	B	QF	#	0.0013	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0098	B	Q	#	0.0013	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.002	B	F	#	0.0013	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0166	B	F	#	0.0065	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0189	B	F	#	0.0065	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0028	B	Q	#	0.0013	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0025	B	Q	#	0.0013	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	6.960		Q	#	0.0065	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0013	U	F	#	0.0013	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0013	U	F	#	0.0013	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0056	B	F	#	0.0013	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0019	B	F	#	0.0013	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA		
Cobalt	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0024	B	F	#	0.0013	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0086	B	F	#	0.0065	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.0065	U	F	#	0.0065	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0096	B	F	#	0.0013	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0015	B	F	#	0.0013	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0185	B	FQ	#	0.0013	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.0066	B	F	#	0.0013	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0013	U	F	#	0.0013	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0048	B	F	#	0.0013	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0013	U	F	#	0.0013	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0013	U	F	#	0.0013	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0013	U	F	#	0.0013	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0036	B	F	#	0.0013	-
Copper	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.0062	B	F	#	0.0013	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.0028	B	F	#	0.0013	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0079	B	F	#	0.0013	-
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0029	B	UF	#	0.0004	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.00094	B	UFQ	#	0.0004	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0027	B	UQF	#	0.0004	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0004	U	F	#	0.0004	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0016	B	UFQ	#	0.0004	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0004	U	F	#	0.0004	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0004	U	F	#	0.0004	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.002	U	F	#	0.002	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.002	U	F	#	0.002	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.002	U	F	#	0.002	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Copper	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.002	UE	QJ	#	0.002	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.002	UE	QJ	#	0.002	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0065	BE	QJ	#	0.002	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.002	UE	QJ	#	0.002	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.002	UE	QJ	#	0.002	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0142	BE	QJ	#	0.002	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0031	B	UF	#	0.0004	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.012	BE	QJ	#	0.002	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.002	UE	QJ	#	0.002	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.00056	B	UQ	#	0.0004	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.026	BE	QJ	#	0.002	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0177	BE	QJ	#	0.002	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.002	UE	QJ	#	0.002	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.002	UE	QJ	#	0.002	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0051	BE	QJ	#	0.002	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.002	UE	QJ	#	0.002	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0037	BE	QJ	#	0.002	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0056	BE	QJ	#	0.002	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.002	UE	QJ	#	0.002	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0025	BE	QJ	#	0.002	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.002	UE	QJ	#	0.002	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0024	B	UQ	#	0.0004	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0021	B	UQF	#	0.0004	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0336	Q	#	0.0004	-	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.00066	B	UF	#	0.0004	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.002	U	F	#	0.002	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Copper	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.002	U	F	#	0.002
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0136	B	Q	#	0.0004
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0004	U	Q	#	0.0004
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	12.700		Q	#	0.002
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0004	U	F	#	0.0004
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0004	U	F	#	0.0004
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.007	B	F	#	0.0004
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0004	U	F	#	0.0004
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0004	U	F	#	0.0004
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.002	U	F	#	0.002
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.002	U	F	#	0.002
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0004	U	F	#	0.0004
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0004	U	F	#	0.0004
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0226	FQ	#	0.0004	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.0017	B	F	#	0.0004
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.00043	B	UF	#	0.0004
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0019	B	UF	#	0.0004
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0004	U	F	#	0.0004
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.00041	B	F	#	0.0004
Dissolved Oxygen	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0004	U	F	#	0.0004
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.00058	B	UF	#	0.0004
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.0004	U	F	#	0.0004
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.001	B	UF	#	0.0004
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0056	B	F	#	0.0004

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Dissolved Oxygen	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	3.93	F	#		-	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	2.07	F	#		-	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.58	F	#		-	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	0.18	F	#		-	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	0.26	F	#		-	-
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	0.82	F	#		-	-
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	0.25	Q	#		-	-
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	0.28	Q	#		-	-
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	4.11	QF	#		-	-
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	2.21	Q	#		-	-
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	2.21	F	#		-	-
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	0.16	F	#		-	-
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	5.75	F	#		-	-
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	5.86	F	#		-	-
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	0.81	F	#		-	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	3.07	F	#		-	-
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	2.63	F	#		-	-
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	5.66	FQ	#		-	-
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	3.02	F	#		-	-
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	6.94	F	#		-	-
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	3.08	F	#		-	-
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	1.94	F	#		-	-
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	6.68	F	#		-	-
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	5.61	F	#		-	-
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	4.14	F	#		-	-
Fluoride	mg/L	0410	WL	09/18/2002	0001	18.80 - 23.72	0.649	FQ	#	0.0251	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Fluoride	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.426	F	#	0.0502	-	
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.721	FQ	#	0.0502	-	
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	1.080	QF	#	0.0502	-	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.454	F	#	0.0502	-	
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	2.780	FQ	#	0.502	-	
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.489	F	#	0.0502	-	
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.454	F	#	0.0502	-	
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.502	U	F	#	0.502	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	7.880	F	#	1.255	-	
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	2.510	U	F	#	2.51	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	1.720	Q	#	0.1255	-	
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	5.560	Q	#	0.1255	-	
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.918	Q	#	0.1255	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	1.350	Q	#	0.1255	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.502	U	Q	#	0.502	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.971	Q	#	0.1255	-	
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	1.190	F	#	0.1255	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	5.160	Q	#	0.251	-	
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	1.370	Q	#	0.1255	-	
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	1.080	Q	#	0.1255	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	11.800	Q	#	1.255	-	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	1.210	Q	#	0.1255	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	1.500	Q	#	0.1255	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	1.670	Q	#	0.1255	-	
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	1.810	Q	#	0.1255	-	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	3.360	Q	#	0.502	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Fluoride	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	3.510	Q	#	0.502	-	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	7.910	Q	#	1.255	-	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	7.620	Q	#	1.255	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	10.800	Q	#	1.255	-	
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	7.800	Q	#	1.255	-	
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.943	Q	#	0.1255	-	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.857	QF	#	0.1255	-	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.502	U	Q	#	0.502	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.411	F	#	0.0502	-	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	7.180	F	#	1.255	-	
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	8.210	F	#	1.255	-	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.832	Q	#	0.1255	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.251	U	Q	#	0.251	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	56.200	Q	#	0.502	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	1.460	F	#	0.1255	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	1.100	F	#	0.1255	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	3.000	F	#	0.502	-	
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	2.010	F	#	0.251	-	
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	2.440	F	#	0.251	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	2.510	U	F	#	2.51	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	1.260	U	F	#	1.255	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	2.210	F	#	0.251	-	
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.492	F	#	0.0502	-	
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	4.500	FQ	#	0.502	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	2.480	F	#	0.502	-	
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.313	F	#	0.0251	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Fluoride	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.251	U	F	#	0.251	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.841		F	#	0.1255	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	1.040		F	#	0.1255	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	1.560		F	#	0.251	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.825		F	#	0.1255	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	1.560		F	#	0.251	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	1.400		F	#	0.251	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	3.900		F	#	0.502	-
Gross Alpha	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	10958.86		F	#	33.77	± 266.
	pCi/L	0412	WL	09/17/2002	N001	7.56 - 12.48	11640.15		F	#	34.97	± 278.
	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	1129.42		FQ	#	16.45	± 51.5
	pCi/L	0413	WL	09/18/2002	N001	7.48 - 12.40	1049.08		FQ	#	17.15	± 50.1
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	14.97	U	F	#	14.97	± 8.95
	pCi/L	0430	WL	08/19/2002	N001	96.00 - 106.00	15.03	U	F	#	15.03	± 8.68
	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	166.89	U	FQ	#	166.89	± 87.5
	pCi/L	0431	WL	09/19/2002	N001	89.00 - 99.00	159.45	U	FQ	#	159.45	± 79.6
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	18.45	U	F	#	18.45	± 10.7
	pCi/L	0432	WL	08/15/2002	N001	50.00 - 60.00	21.85	U	F	#	21.85	± 10.3
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	24.86	U	F	#	24.86	± 14.8
	pCi/L	0433	WL	08/20/2002	N001	94.00 - 104.00	25.28	U	F	#	25.28	± 14.0
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	339.53	U	F	#	339.53	± 179.
	pCi/L	0434	WL	08/15/2002	N001	75.00 - 85.00	331.5	U	F	#	331.5	± 182.
	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	646.23	U	F	#	646.23	± 373.
	pCi/L	0435	WL	09/18/2002	N001	171.00 - 181.00	643.83	U	F	#	643.83	± 362.
	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	801.39	U	F	#	801.39	± 430.
	pCi/L	0436	WL	09/19/2002	N001	195.00 - 205.00	774.21	U	F	#	774.21	± 412.

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Gross Alpha	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	80.18	U	QJ	#	80.18	± 47.4
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	760.19	B	QJ	#	68.77	± 90.2
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	80.48	U	QJ	#	80.48	± 45.9
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	364.72		QJ	#	80.95	± 83.4
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	82.4	U	QJ	#	82.4	± 48.1
	pCi/L	0437	WL	08/24/2002	0001	252.00 - 252.00	692.09	U	QJ	#	692.09	± 365.
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	2501.27	F		#	49.94	± 133.
	pCi/L	0437	WL	09/26/2002	N001	90.00 - 100.00	2214.28	F		#	49.72	± 125.
	pCi/L	0438	WL	08/20/2002	0001	44.00 - 44.00	3163.51		QJ	#	140.21	± 287.
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	1057.29		QJ	#	74.19	± 123.
	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	1428.71		Q	#	47.28	± 98.0
	pCi/L	0438	WL	09/17/2002	N001	109.00 - 119.00	1376.3		Q	#	46.93	± 96.1
	pCi/L	0439	WL	08/09/2002	0001	155.00 - 155.00	449.86		QJ	#	93.14	± 98.3
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	481.97		QJ	#	77.06	± 90.0
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	93.33	U	QJ	#	93.33	± 56.4
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	316.61		QJ	#	76.27	± 76.1
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	239.89	U	QJ	#	239.89	± 157.
	pCi/L	0439	WL	08/10/2002	0001	235.00 - 235.00	623.11	U	QJ	#	623.11	± 356.
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	895.97		QJ	#	357.6	± 301.
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	652.06	U	QJ	#	652.06	± 354.
	pCi/L	0439	WL	08/11/2002	0001	265.00 - 265.00	711.35	U	QJ	#	711.35	± 370.
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	713.75	U	QJ	#	713.75	± 387.
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	506.98		Q	#	56.12	± 67.7
	pCi/L	0439	WL	09/17/2002	N001	110.00 - 120.00	571.47		Q	#	56.54	± 71.5
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	45.53	U	QF	#	45.53	± 26.1
	pCi/L	0440	WL	09/24/2002	N001	109.00 - 119.00	48.1	U	QF	#	48.1	± 27.4

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Gross Alpha	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	6729.67	Q	#	137.27	± 362.	
	pCi/L	0442	WL	09/25/2002	N001	61.00 - 66.00	6267.58	Q	#	140.68	± 352.	
	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	19.22	U	F	#	19.22	± 11.4
	pCi/L	0443	WL	09/19/2002	N001	70.00 - 80.00	19.77	U	F	#	19.77	± 11.7
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	640.88	U	F	#	640.88	± 343.
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	641.75	U	F	#	641.75	± 336.
	pCi/L	0444	WL	09/18/2002	N001	110.00 - 120.00	637.2	U	F	#	637.2	± 346.
	pCi/L	0444	WL	09/18/2002	N002	110.00 - 120.00	635.39	U	F	#	635.39	± 347.
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	7109.71	Q	#	1326.42	± 1314	
	pCi/L	0537	BH	09/19/2002	N001	0.00 - 0.00	8456.13	Q	#	1104.67	± 1248	
	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	72.62	U	F	#	72.62	± 35.5
	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	72.61	U	F	#	72.61	± 37.2
	pCi/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	72.37	U	F	#	72.37	± 38.3
	pCi/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	72.72	U	F	#	72.72	± 40.5
	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	1126.69	F	#	165.7	± 199.	
	pCi/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	1293.27	F	#	166.62	± 212.	
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	996.16	F	#	136.54	± 169.	
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	787.28	F	#	135.79	± 154.	
	pCi/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	1070.14	F	#	135.07	± 174.	
	pCi/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	941.75	F	#	136.05	± 165.	
	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	775.43	U	F	#	775.43	± 459.
	pCi/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	787.57	U	F	#	787.57	± 431.
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	959.19	U	F	#	959.19	± 476.
	pCi/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	36.49	U	F	#	36.49	± 19.7
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	1813.73	F	#	137.51	± 221.	
	pCi/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	1681.3	F	#	160.7	± 232.	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Gross Alpha	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	15.02	U	F	#	15.02	± 8.24
	pCi/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	15.01	U	F	#	15.01	± 8.29
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	934.67	FQ	#	310.43	± 277.	
	pCi/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	978.92	FQ	#	311.33	± 282.	
	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	1891.56	F	#	308.53	± 358.	
	pCi/L	MW-3	WL	08/14/2002	N001	- 55.00	2226.16	F	#	309.68	± 382.	
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	7.16	U	F	#	7.16	± 4.18
	pCi/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	8.87	F	#	7.15	± 5.00	
	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	1308.28	F	#	201.28	± 238.	
	pCi/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	1814.12	F	#	174.15	± 251.	
	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	450.9	F	#	62.96	± 77.7	
	pCi/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	648.62	F	#	65.01	± 92.2	
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	1694.79	F	#	38.31	± 108.	
	pCi/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	1792.53	F	#	38.64	± 112.	
	pCi/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	144.6	U	F	#	144.6	± 91.9
	pCi/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	144.11	U	F	#	144.11	± 88.2
	pCi/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	16257.59	F	#	60.37	± 460.	
	pCi/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	15546.96	F	#	64.79	± 446.	
	pCi/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	1733.82	F	#	146.78	± 223.	
	pCi/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	2102.93	F	#	145.17	± 243.	
	pCi/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	1544.66	F	#	144.86	± 211.	
	pCi/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	1569.06	F	#	143.61	± 211.	
	pCi/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	2005.66	F	#	137.85	± 230.	
	pCi/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	1853.01	F	#	137.79	± 222.	
Gross Beta	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	1848.67	F	#	46.85	± 62.9	
	pCi/L	0412	WL	09/17/2002	N001	7.56 - 12.48	2158.48	F	#	47.96	± 69.3	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Gross Beta	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	244.88	FQ	#	18.62	± 17.3	
	pCi/L	0413	WL	09/18/2002	N001	7.48 - 12.40	300.63	FQ	#	18.33	± 18.6	
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	12.95	U	F	#	12.95	± 8.04
	pCi/L	0430	WL	08/19/2002	N001	96.00 - 106.00	15.06	F	#	12.95	± 8.16	
	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	150.1	U	FQ	#	150.1	± 90.7
	pCi/L	0431	WL	09/19/2002	N001	89.00 - 99.00	149.53	U	FQ	#	149.53	± 89.4
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	16.17	U	F	#	16.17	± 10.0
	pCi/L	0432	WL	08/15/2002	N001	50.00 - 60.00	21.32	U	F	#	21.32	± 12.8
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	21.59	U	F	#	21.59	± 13.2
	pCi/L	0433	WL	08/20/2002	N001	94.00 - 104.00	21.58	U	F	#	21.58	± 13.3
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	321.03	U	F	#	321.03	± 195.
	pCi/L	0434	WL	08/15/2002	N001	75.00 - 85.00	320.89	U	F	#	320.89	± 187.
	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	753.43	F	#	565.11	± 354.	
	pCi/L	0435	WL	09/18/2002	N001	171.00 - 181.00	755.42	F	#	564.66	± 353.	
	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	748.75	U	F	#	748.75	± 447.
	pCi/L	0436	WL	09/19/2002	N001	195.00 - 205.00	747.04	U	F	#	747.04	± 449.
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	270.63	B	QJ	#	66.77	± 47.7
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	87.01	QJ	#	80.13	± 50.1	
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	81.96	U	QJ	#	81.96	± 50.6
	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	80.18	U	QJ	#	80.18	± 49.6
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	80.28	U	QJ	#	80.28	± 48.9
	pCi/L	0437	WL	08/24/2002	0001	252.00 - 252.00	744.92	QJ	#	642.68	± 404.	
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	371.51	F	#	52.97	± 41.5	
	pCi/L	0437	WL	09/26/2002	N001	90.00 - 100.00	359.91	F	#	52.12	± 40.8	
	pCi/L	0438	WL	08/20/2002	0001	44.00 - 44.00	861.88	QJ	#	143.78	± 117.	
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	301.2	QJ	#	76.6	± 57.1	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:47 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Gross Beta	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	330.12	Q	#	49.76	± 39.0	
	pCi/L	0438	WL	09/17/2002	N001	109.00 - 119.00	281.75	Q	#	49.59	± 37.5	
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	135.85	QJ	#	72.94	± 48.3	
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	143.75	QJ	#	73.78	± 49.0	
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	91.77	U	QJ	#	91.77	± 56.5
	pCi/L	0439	WL	08/09/2002	0001	155.00 - 155.00	163.59	QJ	#	93.85	± 61.6	
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	215.8	U	QJ	#	215.8	± 131.
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	435.57	QJ	#	326.29	± 208.	
	pCi/L	0439	WL	08/10/2002	0001	235.00 - 235.00	640.14	U	QJ	#	640.14	± 379.
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	641.02	U	QJ	#	641.02	± 378.
	pCi/L	0439	WL	08/11/2002	0001	265.00 - 265.00	643.81	U	QJ	#	643.81	± 384.
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	644.38	U	QJ	#	644.38	± 389.
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	200.06	Q	#	57.78	± 40.2	
	pCi/L	0439	WL	09/17/2002	N001	110.00 - 120.00	206.57	Q	#	58.02	± 40.5	
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	50.16	QF	#	44.83	± 27.7	
	pCi/L	0440	WL	09/24/2002	N001	109.00 - 119.00	51.9	QF	#	44.97	± 27.8	
	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	1539.13	Q	#	174.44	± 145.	
	pCi/L	0442	WL	09/25/2002	N001	61.00 - 66.00	1771.59	Q	#	172.51	± 150.	
	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	18	U	F	#	18	± 10.9
	pCi/L	0443	WL	09/19/2002	N001	70.00 - 80.00	18.04	U	F	#	18.04	± 10.9
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	564.08	U	F	#	564.08	± 342.
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	607.23	F	#	563.87	± 348.	
	pCi/L	0444	WL	09/18/2002	N001	110.00 - 120.00	668.06	F	#	563.88	± 350.	
	pCi/L	0444	WL	09/18/2002	N002	110.00 - 120.00	699.33	F	#	563.81	± 351.	
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	4175.22	Q	#	1511.94	± 1020	
	pCi/L	0537	BH	09/19/2002	N001	0.00 - 0.00	4069.4	Q	#	1148.99	± 803.	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Gross Beta	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	64.4	U	F	#	64.4	± 39.0
	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	64.46	U	F	#	64.46	± 37.9
	pCi/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	64.49	U	F	#	64.49	± 36.7
	pCi/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	64.55	U	F	#	64.55	± 39.3
	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	426.23		F	#	166.04	± 115.
	pCi/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	474.76		F	#	166.9	± 117.
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	236.17		F	#	133.4	± 87.6
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	166.9		F	#	132.35	± 83.8
	pCi/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	237.62		F	#	133.73	± 87.8
	pCi/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	268		F	#	133.11	± 88.9
	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	748.57	U	F	#	748.57	± 453.
	pCi/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	748.17	U	F	#	748.17	± 451.
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	1000.39		F	#	858.17	± 540.
	pCi/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	37.29		F	#	32.26	± 20.3
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	318.5		F	#	137.38	± 93.3
	pCi/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	586.74		F	#	168.86	± 123.
	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	17.75	U	F	#	17.75	± 10.4
	pCi/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	17.76	U	F	#	17.76	± 10.5
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	341.33		FQ	#	324.6	± 202.
	pCi/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	360.3		FQ	#	324.87	± 203.
	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	329.79	U	F	#	329.79	± 203.
	pCi/L	MW-3	WL	08/14/2002	N001	- 55.00	679.28		F	#	331.61	± 222.
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	7.39		F	#	6.45	± 4.06
	pCi/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	9.77		F	#	6.48	± 4.19
	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	517.27		F	#	220.04	± 150.
	pCi/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	592.05		F	#	169.56	± 123.

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Gross Beta	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	116.83	F	#	66.37	± 43.5	
	pCi/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	197.41	F	#	67.42	± 47.6	
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	353.36	F	#	39.63	± 35.5	
	pCi/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	335.68	F	#	39.96	± 35.1	
	pCi/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	129.41	U	F	#	129.41	± 80.2
	pCi/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	129.29	U	F	#	129.29	± 76.5
	pCi/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	1878.69	F	#	93.66	± 96.6	
	pCi/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	2751.18	F	#	92.08	± 114.	
	pCi/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	504.17	F	#	137.03	± 101.	
	pCi/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	472.83	F	#	138.71	± 100.	
	pCi/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	366.11	F	#	136.14	± 94.7	
	pCi/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	440	F	#	136.24	± 97.9	
Iron	pCi/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	554.04	F	#	138.32	± 103.	
	pCi/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	613.05	F	#	137.6	± 105.	
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0011	B	UF	#	0.0008	-
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	0.0126	B	UF	#	0.00089	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0033	B	UFQ	#	0.0008	-
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	2.220	FQ	#	0.00089	-	
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0051	B	UQF	#	0.0008	-
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	0.215	QF	#	0.00089	-	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.004	U	F	#	0.004	-
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	0.063	F	#	0.00444	-	
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0292	B	FQ	#	0.0008	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	2.050	FQ	#	0.00089	-	
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0555	F	#	0.004	-	
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	0.0943	F	#	0.00444	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Iron	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0418	F	#	0.004	-	
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.386	F	#	0.00444	-	
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.520	F	#	0.02	-	
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.821	F	#	0.00444	-	
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	2.080	F	#	0.004	-	
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	3.390	F	#	0.00444	-	
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	6.240	F	#	0.004	-	
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	6.470	F	#	0.00444	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.020	U	QJ	#	0.02	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0939	B	QJ	#	0.02	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.108	B	QJ	#	0.02	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	1.730	QJ	#	0.02	-	
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.679	QJ	#	0.02	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	11.800	QJ	#	0.02	-	
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0069	B	UF	#	0.0008	-
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	0.280	F	#	0.00089	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.020	U	QJ	#	0.02	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.020	U	QJ	#	0.02	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.525	Q	#	0.0008	-	
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	0.560	Q	#	0.00089	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.020	U	QJ	#	0.02	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.020	U	QJ	#	0.02	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0833	B	QJ	#	0.02	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0993	B	QJ	#	0.02	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	2.300	QJ	#	0.02	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.020	U	QJ	#	0.02	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Iron	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.020	U	QJ	#	0.02	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.514		QJ	#	0.02	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.020	U	QJ	#	0.02	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.504		QJ	#	0.02	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.020	U	QJ	#	0.02	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0758		Q	#	0.0008	-
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	4.480		Q	#	0.00089	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0145	B	UQF	#	0.0008	-
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	2.940		QF	#	0.00089	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.018	B	Q	#	0.0008	-
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	1.390		Q	#	0.00089	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0193	B	F	#	0.0008	-
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	0.386		F	#	0.00089	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	6.590		F	#	0.004	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	5.960		F	#	0.004	-
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	7.490		F	#	0.00444	-
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	7.230		F	#	0.00444	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0106	B	UQ	#	0.0008	-
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	14.200		Q	#	0.00089	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.990		Q	#	0.0008	-
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	4.000		Q	#	0.00089	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	910.000		Q	#	0.004	-
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	933.000		Q	#	0.00444	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.004	U	F	#	0.004	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.004	U	F	#	0.004	-
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	0.0199	B	UF	#	0.00444	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Iron	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	0.0288	B	UF	#	0.00444
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0084	B	F	#	0.004
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	0.0178	B	UF	#	0.00444
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	17.100		F	#	0.004
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	14.900		F	#	0.004
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	13.600		F	#	0.00444
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	13.500		F	#	0.00444
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	1.690		F	#	0.004
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	1.510		F	#	0.00444
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	15.800		F	#	0.02
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	40.400		F	#	0.02222
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.621		F	#	0.004
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	1.020		F	#	0.00444
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.399		F	#	0.0008
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.331		F	#	0.00089
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.004	U	FQ	#	0.004
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	0.662		FQ	#	0.00444
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.742		F	#	0.004
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	0.553		F	#	0.00444
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.004	U	F	#	0.004
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	0.214		F	#	0.00444
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.004	U	F	#	0.004
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	0.0409		UF	#	0.00444
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0691		F	#	0.004
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	0.106		F	#	0.00444
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.004	U	F	#	0.004

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Iron	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	0.0152	B	UF	#	0.00444
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0081	B	F	#	0.004
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	0.0569		F	#	0.00444
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0081	B	F	#	0.004
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	0.333		F	#	0.00444
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.625		F	#	0.004
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	0.657		F	#	0.00444
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.004	U	F	#	0.004
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	0.236		F	#	0.00444
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.004	U	F	#	0.004
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	0.0312	B	UF	#	0.00444
Lead	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0001	U	F	#	0.0001
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0001	U	FQ	#	0.0001
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0001	U	QF	#	0.0001
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.00078	B	UF	#	0.0001
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0001	U	FQ	#	0.0001
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.00078	B	UF	#	0.0001
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0001	U	F	#	0.0001
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.00076	B	UF	#	0.0001
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0005	U	F	#	0.0005
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0005	U	F	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0005	U	QJ	#	0.0005

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Lead	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0001	U	F	#	0.0001
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0005	U	QJ	#	0.0005
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.0005	U	QJ	#	0.0005
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0001	U	Q	#	0.0001
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.0025	B	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.003	B	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0001	U	QJ	#	0.0001
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.00016	B	QJ	#	0.0001
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.00016	B	QJ	#	0.0001
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0001	U	Q	#	0.0001
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0001	U	QF	#	0.0001
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0001	U	Q	#	0.0001
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0001	U	F	#	0.0001
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0005	U	F	#	0.0005
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0005	U	F	#	0.0005
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0001	U	Q	#	0.0001
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0001	U	Q	#	0.0001
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	0.0609	Q	#	0.0005	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.00077	B	UF	#	0.0001

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Lead	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.00077	B	UF	#	0.0001	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.00079	B	UF	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.00077	B	UF	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.00076	B	UF	#	0.0001	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0005	U	F	#	0.0005	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.00077	B	UF	#	0.0001	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.00078	B	UF	#	0.0001	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0001	U	F	#	0.0001	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.00081	B	UFQ	#	0.0001	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.00079	B	UF	#	0.0001	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.00077	B	UF	#	0.0001	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.00076	B	UF	#	0.0001	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.00076	B	UF	#	0.0001	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.00083	B	UF	#	0.0001	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.00077	B	UF	#	0.0001	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.00075	B	UF	#	0.0001	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.00076	B	UF	#	0.0001	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.00077	B	UF	#	0.0001	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.00081	B	UF	#	0.0001	-
Lead-210	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	1.13	U	F	#	1.13	± 0.63
	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	1.14	U	FQ	#	1.14	± 0.64
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	1.11	U	F	#	1.11	± 0.61
	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	1.07	U	FQ	#	1.07	± 0.58
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	1.14	U	F	#	1.14	± 0.62
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	1.15	U	F	#	1.15	± 0.62
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	1.23	U	F	#	1.23	± 0.66

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Lead-210	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	1.1	U	F	#	1.1	± 0.60
	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	1.13	U	F	#	1.13	± 0.62
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	4.35	UB	QJ	#	4.35	± 2.57
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	5.6	UB	QJ	#	5.6	± 3.36
	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	8.12	UB	QJ	#	8.12	± 4.93
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	25.5	UB	QJ	#	25.5	± 15.4
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	4.81	UB	QJ	#	4.81	± 2.89
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	1.16	U	F	#	1.16	± 0.64
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	2.93	UB	QJ	#	2.93	± 1.77
	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	1.13	U	Q	#	1.13	± 0.61
	pCi/L	0439	WL	08/08/2002	0001	27.00 - 27.00	15.29	B	QJ	#	2.99	± 2.12
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	2.96	UB	QJ	#	2.96	± 1.79
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	5.63	UB	QJ	#	5.63	± 3.40
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	6.52	UB	QJ	#	6.52	± 3.91
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	5.39	UB	QJ	#	5.39	± 3.19
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	14.43	UB	QJ	#	14.43	± 8.67
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	7.07	UB	QJ	#	7.07	± 4.24
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	7	UB	QJ	#	7	± 4.20
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	1.1	U	Q	#	1.1	± 0.60
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	1.12	U	QF	#	1.12	± 0.62
	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	1.15	U	Q	#	1.15	± 0.64
	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	1.05	U	F	#	1.05	± 0.60
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	1.07	U	F	#	1.07	± 0.58
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	1.11	U	F	#	1.11	± 0.62
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	199.23		Q	#	1.62	± 6.15
	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	1.15	U	F	#	1.15	± 0.63

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Lead-210	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	1.16	U	F	#	1.16	± 0.64
	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	1.34	U	F	#	1.34	± 0.70
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	1.32	U	F	#	1.32	± 0.69
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	1.29	U	F	#	1.29	± 0.69
	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	1.16	U	F	#	1.16	± 0.65
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	1.18	U	F	#	1.18	± 0.63
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	1.33	U	F	#	1.33	± 0.69
	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	1.08	U	F	#	1.08	± 0.59
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	1.25	UL	FQ	#	1.25	± 1.08
	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	1.25	U	F	#	1.25	± 0.68
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	1.12	U	F	#	1.12	± 0.61
	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	1.24	U	F	#	1.24	± 0.67
	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	1.13	U	F	#	1.13	± 0.61
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	1.25	U	F	#	1.25	± 0.68
Lithium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0776		F	#	0.0002	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0942		FQ	#	0.0002	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0738		QF	#	0.0002	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0303		F	#	0.0003	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.122		FQ	#	0.0002	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0186	B	F	#	0.0003	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0208		F	#	0.0003	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY	
		ID	TYPE	DATE			LAB	DATA	QA			
Lithium	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.235	F	#	0.0015	-	
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.392	F	#	0.001	-	
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.318	F	#	0.001	-	
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.110	E	QJ	#	0.0015	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.130	E	QJ	#	0.0015	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.135	E	QJ	#	0.0015	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.247	E	QJ	#	0.0015	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.222	E	QJ	#	0.0015	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.883	E	QJ	#	0.0015	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0837	F	#	0.0002	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.126	E	QJ	#	0.0015	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.184	E	QJ	#	0.0015	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.188	Q	#	0.0002	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.629	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.248	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.296	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.306	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.398	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.371	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.306	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.319	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.205	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.200	E	QJ	#	0.0015	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.195	E	QJ	#	0.0015	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.408	Q	#	0.0002	-	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.166	QF	#	0.0002	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-
		ID	TYPE	DATE			LAB	DATA	QA		
Lithium	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.817	Q	#	0.0002	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0366	F	#	0.0002	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.445	F	#	0.001	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.443	F	#	0.001	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.106	Q	#	0.0002	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0265	Q	#	0.0002	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	8.310	Q	#	0.001	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0714	F	#	0.0003	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0716	F	#	0.0003	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.631	F	#	0.0003	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.572	F	#	0.0003	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.516	F	#	0.0003	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.255	F	#	0.001	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.677	F	#	0.0015	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.617	F	#	0.0003	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0201	F	#	0.0002	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	1.710	FQ	#	0.0003	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.716	F	#	0.0003	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0278	F	#	0.0003	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.565	F	#	0.0003	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0471	F	#	0.0003	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0584	F	#	0.0003	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0941	F	#	0.0003	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.109	F	#	0.0003	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.491	F	#	0.0003	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.663	F	#	0.0003	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Lithium	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	1.010	F	#	0.0003	-	
Magnesium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	133.000	F	#	0.0059	-	
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	177.000	FQ	#	0.0059	-	
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	24.600	QF	#	0.0059	-	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	64.800	E	JF	#	0.0088	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	238.000	FQ	#	0.0059	-	
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	51.400	E	JF	#	0.0088	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	56.900	E	JF	#	0.0088	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	245.000	E	JF	#	0.044	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	551.000	F	#	0.0295	-	
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	515.000	F	#	0.0295	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	263.000	QJ	#	0.044	-	
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	318.000	QJ	#	0.044	-	
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	342.000	QJ	#	0.044	-	
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	230.000	QJ	#	0.044	-	
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	337.000	QJ	#	0.044	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	956.000	QJ	#	0.044	-	
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	170.000	F	#	0.0059	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	93.700	QJ	#	0.044	-	
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	397.000	QJ	#	0.044	-	
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	362.000	Q	#	0.0059	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	1620.000	QJ	#	0.044	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	564.000	QJ	#	0.044	-	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	459.000	QJ	#	0.044	-	
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	387.000	QJ	#	0.044	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	345.000	QJ	#	0.044	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Magnesium	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	551.000		QJ	#	0.044	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	650.000		QJ	#	0.044	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	1020.000		QJ	#	0.044	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	341.000		QJ	#	0.044	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	393.000		QJ	#	0.044	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	425.000		QJ	#	0.044	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	550.000	Q	#		0.0059	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	207.000	QF	#		0.0059	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	532.000	Q	#		0.0059	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	93.500	F	#		0.0059	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	515.000	F	#		0.0295	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	513.000	F	#		0.0295	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	112.000	Q	#		0.0059	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	53.900	Q	#		0.0059	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	5610.000	Q	#		0.295	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	131.000	E	JF	#	0.0088	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	130.000	E	JF	#	0.0088	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	765.000	F	#		0.0088	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	965.000	F	#		0.0088	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	917.000	F	#		0.0088	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	550.000	F	#		0.0295	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	670.000	E	JF	#	0.044	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	733.000	F	#		0.0088	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	41.700	F	#		0.0059	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	1790.000	FQ	#		0.088	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	1370.000	F	#		0.088	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Magnesium	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	31.400	E	JF	#	0.0088
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	682.000	E	JF	#	0.0088
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	75.000	E	JF	#	0.0088
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	203.000	E	JF	#	0.0088
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	223.000	E	JF	#	0.0088
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	231.000	E	JF	#	0.0088
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	691.000	F	#	#	0.0088
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	714.000	F	#	#	0.0088
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	825.000	F	#	#	0.0088
Manganese	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0564	F	#	0.0001	-
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	0.060	F	#	0.00011	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.196	FQ	#	0.0001	-
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	0.437	FQ	#	0.00011	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0581	QF	#	0.0001	-
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	0.0658	QF	#	0.00011	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.251	F	#	0.0001	-
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	0.253	F	#	0.00011	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.745	FQ	#	0.0001	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	0.785	FQ	#	0.00011	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0061	B	F	#	0.0001
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	0.0062	B	UF	#	0.00011
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0279	F	#	0.0001	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.0266	F	#	0.00011	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	1.440	F	#	0.0005	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	2.020	F	#	0.00056	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	1.460	F	#	0.0005	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Manganese	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	1.590	F	#	0.00056	-	
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	3.730	F	#	0.0005	-	
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	3.870	F	#	0.00056	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	1.840	Q	#	0.0005	-	
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	2.020	Q	#	0.0005	-	
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	2.680	Q	#	0.0005	-	
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	5.140	Q	#	0.0005	-	
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	2.240	Q	#	0.0005	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	2.570	Q	#	0.0005	-	
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	1.200	F	#	0.0001	-	
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	1.220	F	#	0.00011	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0106	B	Q	#	0.0005	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	9.500	Q	#	0.0005	-	
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	2.060	Q	#	0.0001	-	
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	2.090	Q	#	0.00011	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	52.600	Q	#	0.0005	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.765	Q	#	0.0005	-	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	2.180	Q	#	0.0005	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	2.860	Q	#	0.0005	-	
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	2.880	Q	#	0.0005	-	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	1.670	Q	#	0.0005	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	2.240	Q	#	0.0005	-	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	2.750	Q	#	0.0005	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	1.050	Q	#	0.0005	-	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	1.520	Q	#	0.0005	-	
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	1.880	Q	#	0.0005	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY	
				DATE	ID			LAB	DATA	QA			
Manganese	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	2.680	Q	#	0.0001	-		
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	2.780	Q	#	0.00011	-		
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	1.890	QF	#	0.0001	-		
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	1.720	QF	#	0.00011	-		
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.875	Q	#	0.0001	-		
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	1.670	Q	#	0.00011	-		
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.197	F	#	0.0001	-		
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	0.209	F	#	0.00011	-		
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	2.030	F	#	0.0005	-		
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	1.990	F	#	0.0005	-		
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	2.120	F	#	0.00056	-		
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	2.100	F	#	0.00056	-		
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.562	Q	#	0.0001	-		
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	0.825	Q	#	0.00011	-		
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.990	Q	#	0.0001	-		
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	0.992	Q	#	0.00011	-		
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	198.000	Q	#	0.005	-		
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	218.000	Q	#	0.00556	-		
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0001	U	F	#	0.0001	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0001	U	F	#	0.0001	-	
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	0.0034	B	F	#	0.00011	-	
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	0.00042	B	UF	#	0.00011	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	7.660	F	#	0.0001	-		
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	8.240	F	#	0.00011	-		
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	3.480	F	#	0.0001	-		
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	3.460	F	#	0.0001	-		

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Manganese	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	3.600	F	#	0.00011	-	
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	3.590	F	#	0.00011	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.451	F	#	0.0005	-	
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	0.420	F	#	0.00056	-	
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	3.070	F	#	0.0005	-	
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	3.600	F	#	0.00056	-	
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	5.110	F	#	0.0001	-	
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	5.180	F	#	0.00011	-	
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.212	F	#	0.0001	-	
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.149	F	#	0.00011	-	
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	8.220	FQ	#	0.0001	-	
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	7.900	FQ	#	0.00011	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	8.780	F	#	0.0001	-	
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	9.060	F	#	0.00011	-	
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0001	U	F	#	0.0001	-
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	0.0035	B	UF	#	0.00011	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	5.050	F	#	0.0001	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	5.230	F	#	0.00011	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	1.290	F	#	0.0001	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	1.340	F	#	0.00011	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0311	F	#	0.0001	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	0.0335	F	#	0.00011	-	
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	1.950	F	#	0.0001	-	
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	2.000	F	#	0.00011	-	
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.494	F	#	0.0001	-	
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	0.511	F	#	0.00011	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Manganese	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	4.650	F	#	0.0001	-	
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	4.830	F	#	0.00011	-	
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	2.270	F	#	0.0001	-	
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	2.290	F	#	0.00011	-	
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	6.370	F	#	0.0001	-	
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	6.480	F	#	0.00011	-	
Molybdenum	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.700	F	#	0.0017	-	
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	0.712	N	JF	#	0.00189	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.342	FQ	#	0.0017	-	
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	0.332	N	FQ	#	0.00189	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.845	QF	#	0.0017	-	
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	0.842	N	JQF	#	0.00189	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.008	B	F	#	0.0018	-
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	0.0067	B	F	#	0.002	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.002	B	FQ	#	0.0017	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	0.0019	UN	JFQ	#	0.00189	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0018	U	F	#	0.0018	-
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	0.002	U	F	#	0.002	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0018	U	F	#	0.0018	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.002	U	F	#	0.002	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.009	U	F	#	0.009	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.010	U	F	#	0.01	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0085	U	F	#	0.0085	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	0.0094	UN	JF	#	0.00944	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0085	U	F	#	0.0085	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	0.0094	UN	JF	#	0.00944	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA	
Molybdenum	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.397	QJ	#	0.009	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.481	QJ	#	0.009	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	1.440	QJ	#	0.009	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	8.490	QJ	#	0.009	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.400	QJ	#	0.009	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.415	QJ	#	0.009	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	4.720	F	#	0.0017	-
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	5.060	N	JF	#	0.00189
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	2.780	QJ	#	0.009	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.408	QJ	#	0.009	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.217	Q	#	0.0017	-
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	0.219	N	Q	#	0.00189
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	2.540	QJ	#	0.009	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.316	QJ	#	0.009	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.648	QJ	#	0.009	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	2.190	QJ	#	0.009	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.155	QJ	#	0.009	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.638	QJ	#	0.009	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.801	QJ	#	0.009	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.806	QJ	#	0.009	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.119	QJ	#	0.009	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.195	QJ	#	0.009	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0965	QJ	#	0.009	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0635	Q	#	0.0017	-
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	0.0634	N	JQ	#	0.00189
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0465	QF	#	0.0017	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-	
		ID	TYPE	DATE			LAB	DATA	QA			
Molybdenum	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	0.0388	N	JQF	#	0.00189	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	2.330		Q	#	0.0017	-
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	2.320	N	JQ	#	0.00189	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0033	B	F	#	0.0017	-
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	0.004	BN	JF	#	0.00189	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0085	U	F	#	0.0085	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0085	U	F	#	0.0085	-
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	0.0094	UN	JF	#	0.00944	-
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	0.0094	UN	JF	#	0.00944	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.123		Q	#	0.0017	-
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	0.120	N	JQ	#	0.00189	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.099		Q	#	0.0017	-
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	0.0986	N	JQ	#	0.00189	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	1.000		Q	#	0.0085	-
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	1.010	N	JQ	#	0.00944	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0059	B	F	#	0.0018	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0032	B	F	#	0.0018	-
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	0.0049	B	F	#	0.002	-
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	0.0029	B	F	#	0.002	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	1.110		F	#	0.0018	-
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	1.190		F	#	0.002	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.181		F	#	0.0018	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.314		F	#	0.0018	-
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	0.491		F	#	0.002	-
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	0.506		F	#	0.002	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0085	U	F	#	0.0085	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Molybdenum	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	0.0094	UN	JF	#	0.00944	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.0249	B	F	#	0.009	-
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	0.0414	B	F	#	0.01	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.691		F	#	0.0018	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	0.708		F	#	0.002	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0029	B	F	#	0.0017	-
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.0029	BN	JF	#	0.00189	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	8.730		FQ	#	0.0018	-
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	8.490		FQ	#	0.002	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	1.120		F	#	0.0018	-
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	1.140		F	#	0.002	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0018	U	F	#	0.0018	-
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	0.002	U	F	#	0.002	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.413		F	#	0.0018	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	0.438		F	#	0.002	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.075		F	#	0.0018	-
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	0.0849		F	#	0.002	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.158		F	#	0.0018	-
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	0.164		F	#	0.002	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0199		F	#	0.0018	-
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	0.0192		F	#	0.002	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.572		F	#	0.0018	-
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	0.581		F	#	0.002	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.274		F	#	0.0018	-
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	0.282		F	#	0.002	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.930		F	#	0.0018	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Molybdenum	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	0.932	F	#	0.002	-	
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.727	F	#	0.0018	-	
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	0.741	F	#	0.002	-	
Nickel	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0054	B	QJ	#	0.0045	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0107	B	QJ	#	0.0045	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0164	B	QJ	#	0.0045	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0378	B	QJ	#	0.0045	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0207	B	QJ	#	0.0045	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0511	B	QJ	#	0.0045	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0153	B	QJ	#	0.0045	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.0533	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.165	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0248	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0407	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0185	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0461	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0655	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.067	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0753	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0063	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0821	B	QJ	#	0.0045	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0045	U	QJ	#	0.0045	-
Nitrate + Nitrite as Nitrogen	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	8.480	QJ	#	0.0495	-	
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	9.550	QJ	#	0.0495	-	
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	15.800	QJ	#	0.0495	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	16.300	QJ	#	0.0495	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Nitrate + Nitrite as Nitrogen	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	20.500	QJ	#	0.0495	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	38.700	QJ	#	0.198	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	1.390	B	QJ	#	0.099	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	2.410	QJ	#	0.0495	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	245.000	QJ	#	0.495	-	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.434	B	QJ	#	0.0495	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	4.770	QJ	#	0.0495	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	8.200	QJ	#	0.0495	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	16.700	QJ	#	0.0495	-	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	13.400	QJ	#	0.495	-	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	15.300	QJ	#	0.198	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	37.500	QJ	#	0.198	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.495	U	QJ	#	0.495	-
Nitrate as NO3	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.495	U	QJ	#	0.495	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	1.540	B	QJ	#	0.495	-
	mg/L	0410	WL	09/18/2002	0001	18.80 - 23.72	35.500	FQ	#	0.02	-	
	mg/L	0410	WL	09/18/2002	N001	18.80 - 23.72	35.100	FQ	#	0.02	-	
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	185.000	F	#	0.1	-	
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	186.000	F	#	0.1	-	
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	334.000	FQ	#	0.1	-	
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	320.000	FQ	#	0.1	-	
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	266.000	QF	#	0.1	-	
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	264.000	QF	#	0.1	-	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	1.620	F	#	0.02	-	
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	2.090	F	#	0.02	-	
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	5.030	FQ	#	0.02	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Nitrate as NO ₃	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	5.160	FQ	#	0.02	-	
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	1.010	F	#	0.02	-	
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	1.020	F	#	0.02	-	
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.827	B	F	#	0.02	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.843	B	F	#	0.02	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.020	U	F	#	0.02	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.020	U	F	#	0.02	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.020	U	F	#	0.02	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	0.020	U	F	#	0.02	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0217	B	F	#	0.02	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	0.0283	B	F	#	0.02	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	40.000	F	#	0.02	-	
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	40.700	F	#	0.02	-	
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	7.900	Q	#	0.02	-	
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	7.960	Q	#	0.02	-	
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	125.000	Q	#	0.04	-	
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	127.000	Q	#	0.04	-	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	19.700	QF	#	0.02	-	
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	19.900	QF	#	0.02	-	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	1100.000	Q	#	0.4	-	
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	1230.000	Q	#	0.4	-	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	12.000	F	#	0.02	-	
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	12.300	F	#	0.02	-	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.020	U	F	#	0.02	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.020	U	F	#	0.02	-
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	0.020	U	F	#	0.02	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Nitrate as NO ₃	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	0.020	U	F	#	0.02	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	14.400	Q	Q	#	0.02	-
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	14.500	Q	Q	#	0.02	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0967	B	Q	#	0.02	-
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	0.305	B	Q	#	0.02	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	7140.000	Q	Q	#	2	-
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	6790.000	Q	Q	#	2	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	1.490	F	F	#	0.02	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	1.500	F	F	#	0.02	-
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	1.710	F	F	#	0.02	-
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	1.490	F	F	#	0.02	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	183.000	F	F	#	0.1	-
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	181.000	F	F	#	0.04	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.020	U	F	#	0.02	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.020	U	F	#	0.02	-
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	0.020	U	F	#	0.02	-
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	0.020	U	F	#	0.02	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.020	U	F	#	0.02	-
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	0.020	U	F	#	0.02	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.020	U	F	#	0.02	-
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	0.020	U	F	#	0.02	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	2.870	F	F	#	0.02	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	2.350	F	F	#	0.02	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.146	B	F	#	0.02	-
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.291	B	F	#	0.02	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	2190.000	FQ	Q	#	1	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Nitrate as NO ₃	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	2110.000	FQ	#	1	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	273.000	F	#	0.1	-
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	275.000	F	#	0.1	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	13.800	F	#	0.02	-
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	13.600	F	#	0.02	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	164.000	F	#	0.04	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	167.000	F	#	0.04	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.340	B	F	#	0.02
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	1.260	F	#	0.02	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	28.200	F	#	0.02	-
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	28.700	F	#	0.02	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	39.100	F	#	0.02	-
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	39.500	F	#	0.02	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.198	B	F	#	0.02
Oxidation Reduction Potent	mV	0410	WL	09/18/2002	N001	18.80 - 23.72	102	FQ	#	-	-
	mV	0412	WL	09/17/2002	N001	7.56 - 12.48	90.5	F	#	-	-
	mV	0413	WL	09/18/2002	N001	7.48 - 12.40	29.4	FQ	#	-	-
	mV	0414	WL	09/18/2002	N001	3.57 - 9.49	80	QF	#	-	-
	mV	0430	WL	08/19/2002	N001	96.00 - 106.00	106	F	#	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Oxidation Reduction Potent	mV	0431	WL	09/19/2002	N001	89.00 - 99.00	98.7	FQ	#	-	-
	mV	0432	WL	08/15/2002	N001	50.00 - 60.00	7.7	F	#	-	-
	mV	0433	WL	08/20/2002	N001	94.00 - 104.00	4.1	F	#	-	-
	mV	0434	WL	08/15/2002	N001	75.00 - 85.00	-526	F	#	-	-
	mV	0435	WL	09/18/2002	N001	171.00 - 181.00	-316	F	#	-	-
	mV	0436	WL	09/19/2002	N001	195.00 - 205.00	-375	F	#	-	-
	mV	0437	WL	09/26/2002	N001	90.00 - 100.00	70.7	F	#	-	-
	mV	0438	WL	09/17/2002	N001	109.00 - 119.00	102	Q	#	-	-
	mV	0439	WL	09/17/2002	N001	110.00 - 120.00	103	Q	#	-	-
	mV	0440	WL	09/24/2002	N001	109.00 - 119.00	172	QF	#	-	-
	mV	0442	WL	09/25/2002	N001	61.00 - 66.00	73.2	Q	#	-	-
	mV	0443	WL	09/19/2002	N001	70.00 - 80.00	69.4	F	#	-	-
	mV	0444	WL	09/18/2002	N001	110.00 - 120.00	-368	F	#	-	-
	mV	0537	BH	09/19/2002	N001	0.00 - 0.00	9.5	Q	#	-	-
	mV	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	185	F	#	-	-
	mV	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	191	F	#	-	-
	mV	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	-85	F	#	-	-
	mV	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	-211	F	#	-	-
	mV	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	-225	F	#	-	-
	mV	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	13	F	#	-	-
	mV	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	-79	F	#	-	-
	mV	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	140	FQ	#	-	-
	mV	MW-3	WL	08/14/2002	N001	- 55.00	10	F	#	-	-
	mV	RW-01	WL	08/19/2002	N001	69.00 - 79.00	91	F	#	-	-
	mV	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	128	F	#	-	-
	mV	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	13	F	#	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Oxidation Reduction Potent	mV	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	182	F	#	-	-	-
	mV	TP-01	WL	08/14/2002	N001	19.00 - 24.00	127	F	#	-	-	-
	mV	TP-02	WL	08/14/2002	N001	27.00 - 32.00	66	F	#	-	-	-
	mV	TP-07	WL	08/13/2002	N001	24.50 - 29.50	14	F	#	-	-	-
	mV	TP-08	WL	08/13/2002	N001	26.50 - 31.50	154	F	#	-	-	-
	mV	TP-09	WL	08/13/2002	N001	23.00 - 28.00	179	F	#	-	-	-
pH	s.u.	0410	WL	09/18/2002	N001	18.80 - 23.72	7.61	FQ	#	-	-	-
	s.u.	0412	WL	09/17/2002	N001	7.56 - 12.48	7.06	F	#	-	-	-
	s.u.	0413	WL	09/18/2002	N001	7.48 - 12.40	7.73	FQ	#	-	-	-
	s.u.	0414	WL	09/18/2002	N001	3.57 - 9.49	7.62	QF	#	-	-	-
	s.u.	0430	WL	08/19/2002	N001	96.00 - 106.00	7.53	F	#	-	-	-
	s.u.	0431	WL	09/19/2002	N001	89.00 - 99.00	7.19	FQ	#	-	-	-
	s.u.	0432	WL	08/15/2002	N001	50.00 - 60.00	7.4	F	#	-	-	-
	s.u.	0433	WL	08/20/2002	N001	94.00 - 104.00	7.48	F	#	-	-	-
	s.u.	0434	WL	08/15/2002	N001	75.00 - 85.00	6.98	F	#	-	-	-
	s.u.	0435	WL	09/18/2002	N001	171.00 - 181.00	6.91	F	#	-	-	-
	s.u.	0436	WL	09/19/2002	N001	195.00 - 205.00	7.18	F	#	-	-	-
	s.u.	0437	WL	08/23/2002	N001	160.00 - 160.00	7.57	QJ	#	-	-	-
	s.u.	0437	WL	08/23/2002	N001	188.00 - 188.00	7.63	QJ	#	-	-	-
	s.u.	0437	WL	08/23/2002	N001	130.00 - 130.00	7.75	QJ	#	-	-	-
	s.u.	0437	WL	08/23/2002	N001	94.00 - 94.00	7.81	QJ	#	-	-	-
	s.u.	0437	WL	08/24/2002	N001	252.00 - 252.00	7.59	QJ	#	-	-	-
	s.u.	0437	WL	08/24/2002	N001	218.00 - 218.00	7.7	QJ	#	-	-	-
	s.u.	0437	WL	09/26/2002	N001	90.00 - 100.00	7.4	F	#	-	-	-
	s.u.	0438	WL	08/20/2002	N001	44.00 - 44.00	7.94	QJ	#	-	-	-
	s.u.	0438	WL	08/21/2002	N001	105.00 - 105.00	7.27	Q	#	-	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
pH	s.u.	0438	WL	09/17/2002	N001	109.00 - 119.00	6.63	Q	#	-	-	-
	s.u.	0439	WL	08/08/2002	N001	27.00 - 27.00	6.77	Q	#	-	-	-
	s.u.	0439	WL	08/09/2002	N001	155.00 - 155.00	7.81	QJ	#	-	-	-
	s.u.	0439	WL	08/09/2002	N001	165.00 - 165.00	7.45	QJ	#	-	-	-
	s.u.	0439	WL	08/09/2002	N001	120.00 - 120.00	7.09	QJ	#	-	-	-
	s.u.	0439	WL	08/09/2002	N001	135.00 - 135.00	7.23	QJ	#	-	-	-
	s.u.	0439	WL	08/10/2002	N001	235.00 - 235.00	7.5	QJ	#	-	-	-
	s.u.	0439	WL	08/10/2002	N001	205.00 - 205.00	7.46	QJ	#	-	-	-
	s.u.	0439	WL	08/10/2002	N001	185.00 - 185.00	7.29	QJ	#	-	-	-
	s.u.	0439	WL	08/11/2002	N001	266.00 - 266.00	8.17	QJ	#	-	-	-
	s.u.	0439	WL	08/11/2002	N001	265.00 - 265.00	7.42	QJ	#	-	-	-
	s.u.	0439	WL	08/12/2002	N001	265.00 - 265.00	6.99	Q	#	-	-	-
	s.u.	0439	WL	09/17/2002	N001	110.00 - 120.00	6.65	Q	#	-	-	-
	s.u.	0440	WL	09/24/2002	N001	109.00 - 119.00	7.21	QF	#	-	-	-
	s.u.	0442	WL	09/25/2002	N001	61.00 - 66.00	7.01	Q	#	-	-	-
	s.u.	0443	WL	09/19/2002	N001	70.00 - 80.00	7.18	F	#	-	-	-
	s.u.	0444	WL	09/18/2002	N001	110.00 - 120.00	6.83	F	#	-	-	-
	s.u.	0537	BH	09/19/2002	N001	0.00 - 0.00	5.92	Q	#	-	-	-
	s.u.	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	7.19	F	#	-	-	-
	s.u.	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	6.67	F	#	-	-	-
	s.u.	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	6.87	F	#	-	-	-
	s.u.	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	7.69	F	#	-	-	-
	s.u.	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	7.22	F	#	-	-	-
	s.u.	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	6.76	F	#	-	-	-
	s.u.	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	7.63	F	#	-	-	-
	s.u.	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	6.75	FQ	#	-	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
pH	s.u.	MW-3	WL	08/14/2002	N001	- 55.00	6.76	F	#		-	-
	s.u.	RW-01	WL	08/19/2002	N001	69.00 - 79.00	7.67	F	#		-	-
	s.u.	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	6.86	F	#		-	-
	s.u.	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	7.41	F	#		-	-
	s.u.	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	7.9	F	#		-	-
	s.u.	TP-01	WL	08/14/2002	N001	19.00 - 24.00	7.27	F	#		-	-
	s.u.	TP-02	WL	08/14/2002	N001	27.00 - 32.00	6.89	F	#		-	-
	s.u.	TP-07	WL	08/13/2002	N001	24.50 - 29.50	6.79	F	#		-	-
	s.u.	TP-08	WL	08/13/2002	N001	26.50 - 31.50	6.68	F	#		-	-
	s.u.	TP-09	WL	08/13/2002	N001	23.00 - 28.00	6.62	F	#		-	-
Polonium-210	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.106	U	F	#	0.106	± 0.05
	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0802	U	FQ	#	0.0802	± 0.04
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.031	U	F	#	0.031	± 0.02
	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0584	U	FQ	#	0.0584	± 0.03
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0527		F	#	0.0319	± 0.03
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0607		F	#	0.0281	± 0.03
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0554		F	#	0.0322	± 0.03
	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0801	U	F	#	0.0801	± 0.04
	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0496	U	F	#	0.0496	± 0.03
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.2286	B	QJ	#	0.0952	± 0.09
	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.3422	UB	QJ	#	0.3422	± 0.22
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	1.0475	B	QJ	#	0.9467	± 0.63
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.1682	B	QJ	#	0.1431	± 0.10
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.2008	UB	QJ	#	0.2008	± 0.12
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0457		F	#	0.0334	± 0.03
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.5377	B	QJ	#	0.1081	± 0.12

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Polonium-210	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0832	U	Q	#	0.0832	± 0.04
	pCi/L	0439	WL	08/08/2002	0001	27.00 - 27.00	3.7575	B	QJ	#	0.1377	± 0.35
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.3677	B	QJ	#	0.3345	± 0.21
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.1628	B	QJ	#	0.076	± 0.06
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.303	B	QJ	#	0.2618	± 0.17
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.6513	UB	QJ	#	0.6513	± 0.38
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.2977	UB	QJ	#	0.2977	± 0.16
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.2236	UB	QJ	#	0.2236	± 0.14
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.3107	UB	QJ	#	0.3107	± 0.18
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0406	U	Q	#	0.0406	± 0.03
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0498		QF	#	0.0404	± 0.03
	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.2062		Q	#	0.0469	± 0.07
	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0657	U	F	#	0.0657	± 0.04
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0692	U	F	#	0.0692	± 0.04
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0777	U	F	#	0.0777	± 0.04
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	41.4191		Q	#	0.0639	± 3.79
	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0772	U	F	#	0.0772	± 0.04
	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0558	U	F	#	0.0558	± 0.03
	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0619		F	#	0.022	± 0.03
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0775		F	#	0.0548	± 0.04
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0554	U	F	#	0.0554	± 0.03
	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0862	U	F	#	0.0862	± 0.04
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.0481	U	F	#	0.0481	± 0.03
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.04		F	#	0.0191	± 0.02
	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0662	U	F	#	0.0662	± 0.04
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.2492		FQ	#	0.1289	± 0.10

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Polonium-210	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	0.1024	F	#	0.0533	± 0.04	
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0301	U	F	#	0.0301	± 0.02
	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0475	U	F	#	0.0475	± 0.03
	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0636	U	F	#	0.0636	± 0.03
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0521	U	F	#	0.0521	± 0.03
	pCi/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0365	F	#	0.034	± 0.02	
	pCi/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0879	U	F	#	0.0879	± 0.04
	pCi/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.0372	F	#	0.027	± 0.02	
	pCi/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.0578	F	#	0.0254	± 0.03	
	pCi/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0364	UF	#	0.0354	± 0.02	
Potassium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	15.900	F	#	0.081	-	
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	21.400	FQ	#	0.081	-	
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	14.400	QF	#	0.081	-	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	13.800	E	JF	#	0.0086	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	112.000	FQ	#	0.081	-	
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	18.200	E	JF	#	0.0086	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	24.600	E	JF	#	0.0086	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	199.000	E	JF	#	0.043	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	667.000	F	#	0.405	-	
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	650.000	F	#	0.405	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	34.400	QJ	#	0.43	-	
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	70.600	QJ	#	0.215	-	
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	87.200	QJ	#	0.215	-	
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	29.900	QJ	#	0.43	-	
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	84.500	QJ	#	0.43	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	722.000	QJ	#	0.43	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Potassium	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	17.600	F	#	0.081	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	50.700	QJ	#	0.43	-	
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	44.500	QJ	#	0.215	-	
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	34.000	Q	#	0.081	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	327.000	QJ	#	0.86	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	81.900	QJ	#	0.215	-	
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	71.200	QJ	#	0.43	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	70.300	QJ	#	0.43	-	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	46.300	QJ	#	0.215	-	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	205.000	QJ	#	0.43	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	254.000	QJ	#	0.43	-	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	426.000	QJ	#	0.43	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	521.000	QJ	#	0.43	-	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	605.000	QJ	#	0.43	-	
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	594.000	QJ	#	0.43	-	
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	65.700	Q	#	0.081	-	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	32.100	QF	#	0.081	-	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	184.000	Q	#	0.081	-	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	18.100	F	#	0.081	-	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	638.000	F	#	0.405	-	
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	616.000	F	#	0.405	-	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	64.500	Q	#	0.081	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	64.300	Q	#	0.081	-	
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	648.000	Q	#	0.405	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	55.100	E	JF	#	0.0086	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	56.800	E	JF	#	0.0086	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Potassium	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	176.000	F	#	0.0086	-	
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	129.000	F	#	0.0086	-	
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	127.000	F	#	0.0086	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	797.000	F	#	0.405	-	
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	1290.000	E	JF	#	0.172	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	136.000	F	#	0.0086	-	
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	9.860	F	#	0.081	-	
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	219.000	FQ	#	0.086	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	200.000	F	#	0.0086	-	
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	9.290	E	JF	#	0.0086	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	244.000	E	JF	#	0.086	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	35.900	E	JF	#	0.0086	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	20.000	E	JF	#	0.0086	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	83.000	E	JF	#	0.0086	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	25.900	E	JF	#	0.0086	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	188.000	F	#	0.0086	-	
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	157.000	F	#	0.086	-	
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	195.000	F	#	0.0086	-	
Radium-226	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.09	U	F	#	0.09	± 0.05
	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.08	U	FQ	#	0.08	± 0.05
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.44	F	#	0.11	± 0.10	
	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.94	FQ	#	0.13	± 0.13	
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.18	F	#	0.11	± 0.08	
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.13	U	F	#	0.13	± 0.08
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	2.14	F	#	0.13	± 0.21	
	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	8.42	F	#	0.14	± 0.56	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA		
Radium-226	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.65	F	#	0.22	± 0.16	
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	1.57	QJ	#	0.49	± 0.40	
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.5	U	QJ	#	0.5	± 0.29
	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.69	U	QJ	#	0.69	± 0.42
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	1.53	U	QJ	#	1.53	± 0.89
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	1.12	QJ	#	0.65	± 0.44	
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	1.35	F	#	0.09	± 0.14	
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	1.36	QJ	#	0.29	± 0.27	
	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	1.77	Q	#	0.11	± 0.18	
	pCi/L	0439	WL	08/08/2002	0001	27.00 - 27.00	67.25	QJ	#	0.3	± 4.10	
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	1.22	QJ	#	0.67	± 0.47	
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	2.29	QJ	#	0.3	± 0.34	
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	3.5	QJ	#	0.65	± 0.63	
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.99	QJ	#	0.5	± 0.35	
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	1.98	QJ	#	1.57	± 1.03	
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	1.07	QJ	#	0.75	± 0.50	
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	3.02	QJ	#	0.86	± 0.71	
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.14	Q	#	0.11	± 0.07	
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.29	QF	#	0.09	± 0.07	
	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.82	Q	#	0.09	± 0.11	
	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.15	F	#	0.08	± 0.06	
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	1.56	F	#	0.18	± 0.18	
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	1.56	F	#	0.19	± 0.18	
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	125.42	Q	#	0.28	± 7.33	
	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.1	U	F	#	0.1	± 0.06
	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.11	U	F	#	0.11	± 0.06

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Radium-226	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.17	U	F	#	0.17	± 0.09
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.16		F	#	0.11	± 0.07
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.13	U	F	#	0.13	± 0.08
	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	1.07		F	#	0.22	± 0.17
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.3	U	F	#	0.3	± 0.18
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.16	U	F	#	0.16	± 0.09
	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.19		F	#	0.1	± 0.07
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.17		FQ	#	0.1	± 0.07
	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	2.44		F	#	0.17	± 0.24
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.11	U	F	#	0.11	± 0.06
	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.17	U	F	#	0.17	± 0.10
	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.12	U	F	#	0.12	± 0.07
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.12	U	F	#	0.12	± 0.07
	pCi/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.12	U	F	#	0.12	± 0.07
	pCi/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.11	U	F	#	0.11	± 0.06
	pCi/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.24		F	#	0.11	± 0.08
	pCi/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.13	U	F	#	0.13	± 0.08
	pCi/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.14	U	F	#	0.14	± 0.07
Radium-228	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.74	U	F	#	0.74	± 0.43
	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.69	U	FQ	#	0.69	± 0.41
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.74	U	F	#	0.74	± 0.44
	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	2.32		FQ	#	0.77	± 0.50
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.73	U	F	#	0.73	± 0.43
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.71	U	F	#	0.71	± 0.42
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.77		F	#	0.74	± 0.45
	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	3.04		F	#	0.79	± 0.52

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Radium-228	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	11.05	F	#	0.75	± 0.71
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	13.18	U	QJ	#	13.18 ± 7.74
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	4.29	U	QJ	#	4.29 ± 2.49
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	4.32	U	QJ	#	4.32 ± 2.51
	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	5.95	U	QJ	#	5.95 ± 3.48
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	5.62	U	QJ	#	5.62 ± 3.23
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.75	U	F	#	0.75 ± 0.45
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	2.47	U	QJ	#	2.47 ± 1.45
	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.79	U	Q	#	0.79 ± 0.47
	pCi/L	0439	WL	08/08/2002	0001	27.00 - 27.00	2.92	U	QJ	#	2.92 ± 1.74
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	2.56	U	QJ	#	2.56 ± 1.48
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	5.57	U	QJ	#	5.57 ± 3.27
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	5.68	U	QJ	#	5.68 ± 3.30
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	4.24	U	QJ	#	4.24 ± 2.46
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	13.42	U	QJ	#	13.42 ± 7.82
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	6.44	U	QJ	#	6.44 ± 3.73
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	7.37	U	QJ	#	7.37 ± 4.29
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	1.11	Q	#	0.75	± 0.46
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.77	U	QF	#	0.77 ± 0.46
	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.78	U	Q	#	0.78 ± 0.46
	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.71	U	F	#	0.71 ± 0.42
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	6.87	F	#	0.71	± 0.57
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	7.14	F	#	0.74	± 0.60
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	15.36	Q	#	1.61	± 1.20
	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.67	U	F	#	0.67 ± 0.39
	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.71	U	F	#	0.71 ± 0.42

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-	
		ID	TYPE	DATE			LAB	DATA	QA			
Radium-228	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	1.73	F	#	0.72	± 0.45	
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.7	U	F	#	0.7	± 0.41
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.7	U	F	#	0.7	± 0.42
	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	10.95	F	#	0.76	± 0.71	
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	10.39	F	#	0.7	± 0.67	
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	1.02	F	#	0.75	± 0.46	
	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.76	U	F	#	0.76	± 0.46
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.65	U	FQ	#	0.65	± 0.38
	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	1.37	F	#	0.79	± 0.49	
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.64	U	F	#	0.64	± 0.38
	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	2.1	F	#	0.73	± 0.47	
	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.7	U	F	#	0.7	± 0.42
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.79	U	F	#	0.79	± 0.46
	pCi/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.7	U	F	#	0.7	± 0.42
	pCi/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.68	U	F	#	0.68	± 0.40
	pCi/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.71	U	F	#	0.71	± 0.42
	pCi/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.72	U	F	#	0.72	± 0.43
	pCi/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.85	F	#	0.68	± 0.41	
Radon-222	pCi/L	0412	WL	09/17/2002	N001	7.56 - 12.48	116.7	F	#	23.19	± 22.9	
	pCi/L	0413	WL	09/18/2002	N001	7.48 - 12.40	306.83	FQ	#	20.43	± 33.0	
	pCi/L	0430	WL	08/19/2002	N001	96.00 - 106.00	54.76	F	#	14.13	± 12.7	
	pCi/L	0431	WL	09/19/2002	N001	89.00 - 99.00	159.21	FQ	#	17.69	± 22.2	
	pCi/L	0432	WL	08/15/2002	N001	50.00 - 60.00	128.01	UF	#	14.52	± 18.0	
	pCi/L	0433	WL	08/20/2002	N001	94.00 - 104.00	261.85	F	#	14.93	± 26.2	
	pCi/L	0434	WL	08/15/2002	N001	75.00 - 85.00	498.29	UF	#	14.6	± 38.2	
	pCi/L	0435	WL	09/18/2002	N001	171.00 - 181.00	77.61	F	#	20.51	± 18.3	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Radon-222	pCi/L	0436	WL	09/19/2002	N001	195.00 - 205.00	17.78	U	F	#	17.78	± 10.6
	pCi/L	0437	WL	09/26/2002	N001	90.00 - 100.00	826.66		F	#	14.73	± 54.2
	pCi/L	0438	WL	09/17/2002	N001	109.00 - 119.00	193.25		Q	#	15.52	± 22.8
	pCi/L	0439	WL	09/17/2002	N001	110.00 - 120.00	163.77		Q	#	15.69	± 21.1
	pCi/L	0440	WL	09/24/2002	N001	109.00 - 119.00	393.12		QF	#	19.16	± 36.8
	pCi/L	0442	WL	09/25/2002	N001	61.00 - 66.00	2024.87		Q	#	16.68	± 111.
	pCi/L	0443	WL	09/19/2002	N001	70.00 - 80.00	755.33		F	#	17.42	± 53.5
	pCi/L	0444	WL	09/18/2002	N001	110.00 - 120.00	116.6		F	#	20.51	± 21.2
	pCi/L	0444	WL	09/18/2002	N002	110.00 - 120.00	108.29		F	#	20.39	± 20.5
	pCi/L	0458	WL	09/26/2002	N001	248.50 - 248.50	15.13	U	Q	#	15.13	± 9.68
	pCi/L	0459	WL	09/26/2002	N001	292.85 - 292.85	14.62	U	Q	#	14.62	± 8.85
	pCi/L	0537	BH	09/19/2002	N001	0.00 - 0.00	8456.4		Q	#	17.88	± 402.
	pCi/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	392.82		UF	#	16.11	± 34.2
	pCi/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	559.98		UF	#	16.71	± 43.2
	pCi/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	182.9		F	#	26.67	± 29.7
	pCi/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	27.96		F	#	23.81	± 15.9
	pCi/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	26.85		F	#	23.61	± 15.7
	pCi/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	27.86		F	#	16.99	± 12.1
	pCi/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	201.44		UF	#	14.2	± 22.3
	pCi/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	107.72		F	#	23.78	± 22.6
	pCi/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	101.82		F	#	16.91	± 17.9
	pCi/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	331.21		FQ	#	23.85	± 37.0
	pCi/L	MW-3	WL	08/14/2002	N001	- 55.00	111.27		F	#	23.78	± 22.8
	pCi/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	431.46		F	#	14.07	± 34.4
	pCi/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	154.59		UF	#	14.53	± 19.7
	pCi/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	185.57		UF	#	14.47	± 21.5

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:	DETECTION LIMIT	UN-CERTAINTY
								LAB DATA QA		
Radon-222	pCi/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	202.33	UF	#	14.42 ± 22.5
	pCi/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	368.99	F	#	23.71 ± 39.1
	pCi/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	306.98	F	#	23.67 ± 35.5
	pCi/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	114.08	F	#	26.5 ± 24.7
	pCi/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	366.97	F	#	26.5 ± 41.1
	pCi/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	194.47	F	#	26.55 ± 30.4
Selenium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0959	F	#	0.001 -
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	0.0902	F	#	0.00111 -
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.187	FQ	#	0.002 -
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	0.177	FQ	#	0.00222 -
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.132	QF	#	0.002 -
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	0.138	QF	#	0.00222 -
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0039	B	F	# 0.0001 -
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	0.0032	B	F	# 0.00011 -
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0036	B	FQ	# 0.0001 -
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	0.0031	B	FQ	# 0.00011 -
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0018	B	F	# 0.0001 -
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	0.00095	B	F	# 0.00011 -
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0018	B	F	# 0.0001 -
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.0013	B	F	# 0.00011 -
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.00029	B	F	# 0.0001 -
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.00015	B	F	# 0.00011 -
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0001	U	F	# 0.0001 -
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	0.00011	U	F	# 0.00011 -
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0001	U	F	# 0.0001 -
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	0.00011	U	F	# 0.00011 -

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Selenium	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0098	QJ	#	0.0001	-	
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.024	QJ	#	0.0002	-	
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0257	QJ	#	0.0002	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.131	QJ	#	0.001	-	
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.046	QJ	#	0.0005	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.113	QJ	#	0.001	-	
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.069	F	#	0.001	-	
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	0.067	F	#	0.00111	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0116	QJ	#	0.0001	-	
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.003	B	QJ	#	0.0001	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0068	Q	#	0.0001	-	
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	0.0054	B	Q	#	0.00011	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	1.160	QJ	#	0.01	-	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.00014	B	QJ	#	0.0001	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0012	B	QJ	#	0.0001	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0136	QJ	#	0.0001	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0347	QJ	#	0.0005	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0088	QJ	#	0.0001	-	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0165	QJ	#	0.0001	-	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0196	QJ	#	0.0001	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0001	U	QJ	#	0.0001	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.00074	B	QJ	#	0.0001	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0011	B	QJ	#	0.0001	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0016	B	Q	#	0.0001	-
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	0.0014	B	Q	#	0.00011	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0522	QF	#	0.001	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Selenium	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	0.0572	QF	#	0.00111	-	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.125	Q	#	0.001	-	
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	0.133	Q	#	0.00111	-	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0083	F	#	0.0001	-	
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	0.0075	F	#	0.00011	-	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0001	U	F	#	0.0001	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0001	U	F	#	0.0001	-
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	0.00011	U	F	#	0.00011	-
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	0.00011	U	F	#	0.00011	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0155	Q	#	0.0001	-	
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	0.0131	Q	#	0.00011	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0004	B	Q	#	0.0001	-
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	0.00033	B	Q	#	0.00011	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	4.540	Q	#	0.05	-	
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	4.490	Q	#	0.05556	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0146	F	#	0.0001	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0148	F	#	0.0001	-	
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	0.0119	F	#	0.00011	-	
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	0.0106	F	#	0.00011	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.010	F	#	0.0001	-	
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	0.0092	F	#	0.00011	-	
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.00023	B	F	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.00024	B	F	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	0.00026	B	F	#	0.00011	-
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	0.00027	B	F	#	0.00011	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0001	U	F	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Selenium	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	0.00011	U	F	#	0.00011	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.00019	B	F	#	0.0001	-
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	0.0025	B	F	#	0.00011	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0044	B	F	#	0.0001	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	0.0038	B	F	#	0.00011	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0001	U	F	#	0.0001	-
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.00011	U	F	#	0.00011	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.198	FQ	#	0.001	-	
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	0.192	FQ	#	0.00111	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.0039	B	F	#	0.0001	-
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	0.0034	B	F	#	0.00011	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0096	F	#	0.0001	-	
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	0.0072	F	#	0.00011	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0074	F	#	0.0001	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	0.0057	F	#	0.00011	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0015	B	F	#	0.0001	-
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	0.0022	B	F	#	0.00011	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0248	F	#	0.0002	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	0.0195	F	#	0.00011	-	
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0132	F	#	0.0001	-	
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	0.009	F	#	0.00011	-	
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0061	F	#	0.0001	-	
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	0.0051	B	F	#	0.00011	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.00024	B	F	#	0.0001	-
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	0.00028	B	F	#	0.00011	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.00069	B	F	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Selenium	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	0.00083	B	F	#	0.00011
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0282		F	#	0.0002
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	0.0252		F	#	0.00022
Silicon	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	10.900	QJ	#	0.015	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	9.500	QJ	#	0.015	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	6.020	QJ	#	0.015	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	4.400	QJ	#	0.015	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	3.710	QJ	#	0.015	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	3.580	QJ	#	0.015	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	3.200	QJ	#	0.015	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	10.500	QJ	#	0.015	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	15.700	QJ	#	0.015	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	4.000	QJ	#	0.015	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	5.110	QJ	#	0.015	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	8.790	QJ	#	0.015	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	9.030	QJ	#	0.015	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	2.880	QJ	#	0.015	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	7.560	QJ	#	0.015	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	2.110	QJ	#	0.015	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	3.030	QJ	#	0.015	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	2.720	QJ	#	0.015	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	4.280	QJ	#	0.015	-
Silver	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0001	U	F	#	0.0001
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0001	U	FQ	#	0.0001
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0001	U	QF	#	0.0001
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.00031	BN	UJF	#	0.0001

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Silver	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0001	U	FQ	#	0.0001	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.00032	BN	UJF	#	0.0001	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0001	U	F	#	0.0001	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.00034	BN	UJF	#	0.0001	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0018	B	F	#	0.0005	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0005	U	F	#	0.0005	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0001	U	F	#	0.0001	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0001	U	Q	#	0.0001	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0001	U	Q	#	0.0001	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0001	U	QF	#	0.0001	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0001	U	Q	#	0.0001	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0001	U	F	#	0.0001	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0005	U	F	#	0.0005	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0005	U	F	#	0.0005	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0001	U	Q	#	0.0001	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0001	U	Q	#	0.0001	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	0.0014	B	Q	#	0.0005	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0004	BN	UJF	#	0.0001	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.00042	BN	UJF	#	0.0001	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.00036	B	UF	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.00034	B	UF	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.00034	B	UF	#	0.0001	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0005	U	F	#	0.0005	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.00035	BN	UJF	#	0.0001	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.00033	B	UF	#	0.0001	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0001	U	F	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Silver	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.00034	B	UFQ	#	0.0001	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.00039	B	UF	#	0.0001	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.00031	BN	UJF	#	0.0001	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.00034	BN	UJF	#	0.0001	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.00031	BN	UJF	#	0.0001	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.00031	BN	UJF	#	0.0001	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.00035	BN	UJF	#	0.0001	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.00033	BN	UJF	#	0.0001	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.00033	B	UF	#	0.0001	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.00033	B	UF	#	0.0001	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.00034	B	UF	#	0.0001	-
Sodium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	789.000	F	#	0.021	-	-
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	807.000	F	#	0.02333	-	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	309.000	FQ	#	0.021	-	-
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	316.000	FQ	#	0.02333	-	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	847.000	QF	#	0.021	-	-
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	861.000	QF	#	0.02333	-	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	337.000	F	#	0.058	-	-
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	315.000	F	#	0.03222	-	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	5880.000	FQ	#	0.21	-	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	6740.000	FQ	#	0.23333	-	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	476.000	F	#	0.058	-	-
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	442.000	F	#	0.03222	-	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	725.000	F	#	0.058	-	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	705.000	F	#	0.06444	-	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	9490.000	F	#	0.29	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
				DATE			LAB	DATA	QA		
Sodium	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	9160.000	F	#	0.32222	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	28100.000	F	#	1.05	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	30700.000	F	#	1.16667	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	31200.000	F	#	1.05	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	33600.000	F	#	1.16667	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	2730.000	QJ	#	0.145	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	1960.000	QJ	#	0.145	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	1550.000	QJ	#	0.0725	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	1660.000	QJ	#	0.0725	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	1970.000	QJ	#	0.145	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	18900.000	QJ	#	1.45	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	1880.000	F	#	0.021	-
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	1990.000	F	#	0.02333	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	4230.000	QJ	#	0.145	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	1180.000	QJ	#	0.0725	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	1140.000	Q	#	0.021	-
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	1160.000	Q	#	0.02333	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	8790.000	QJ	#	0.29	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	1170.000	QJ	#	0.0725	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	2050.000	QJ	#	0.145	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	1370.000	QJ	#	0.0725	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	1900.000	QJ	#	0.145	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	6900.000	QJ	#	0.145	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	9900.000	QJ	#	0.145	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	14500.000	QJ	#	0.29	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	17100.000	QJ	#	0.29	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	SAMPLE ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Sodium	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	20300.000	QJ	#	1.45	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	19400.000	QJ	#	1.45	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	1170.000	Q	#	0.021	-
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	1200.000	Q	#	0.02333	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	1050.000	QF	#	0.021	-
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	1120.000	QF	#	0.02333	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	3500.000	Q	#	0.21	-
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	4220.000	Q	#	0.23333	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	497.000	F	#	0.021	-
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	516.000	F	#	0.02333	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	27500.000	F	#	1.05	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	27200.000	F	#	1.05	-
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	29800.000	F	#	1.16667	-
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	29000.000	F	#	1.16667	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	1500.000	Q	#	0.021	-
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	1540.000	Q	#	0.02333	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	2210.000	Q	#	0.021	-
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	1170.000	Q	#	0.02333	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	35700.000	Q	#	1.05	-
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	38300.000	Q	#	1.16667	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	1960.000	F	#	0.029	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	1950.000	F	#	0.029	-
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	2050.000	F	#	0.03222	-
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	2020.000	F	#	0.03222	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	3490.000	F	#	0.29	-
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	3670.000	F	#	0.16111	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION	UN-
		ID	TYPE	DATE			LAB	DATA	QA		
Sodium	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	2590.000	F	#	0.145	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	2580.000	F	#	0.145	-
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	2740.000	F	#	0.16111	-
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	2720.000	F	#	0.16111	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	29600.000	F	#	1.05	-
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	32800.000	F	#	1.16667	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	30700.000	F	#	1.45	-
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	29200.000	F	#	1.61111	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	2960.000	F	#	0.29	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	3160.000	F	#	0.16111	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	339.000	F	#	0.021	-
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	346.000	F	#	0.02333	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	7100.000	FQ	#	0.29	-
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	6470.000	FQ	#	0.32222	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	6350.000	F	#	0.29	-
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	6620.000	F	#	0.32222	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	136.000	F	#	0.0029	-
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	129.000	F	#	0.00322	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	3880.000	F	#	0.29	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	4090.000	F	#	0.32222	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	1240.000	F	#	0.029	-
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	1490.000	F	#	0.03222	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	881.000	F	#	0.029	-
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	910.000	F	#	0.03222	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	4010.000	F	#	0.145	-
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	4240.000	F	#	0.16111	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sodium	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	856.000	F	#	0.029	-	-
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	897.000	F	#	0.03222	-	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	3370.000	F	#	0.145	-	-
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	3500.000	F	#	0.16111	-	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	3700.000	F	#	0.29	-	-
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	3520.000	F	#	0.16111	-	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	2690.000	F	#	0.145	-	-
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	2860.000	F	#	0.16111	-	-
Specific Conductance	umhos/cm	0410	WL	09/18/2002	N001	18.80 - 23.72	2726	FQ	#	-	-	-
	umhos/cm	0412	WL	09/17/2002	N001	7.56 - 12.48	5143	F	#	-	-	-
	umhos/cm	0413	WL	09/18/2002	N001	7.48 - 12.40	3388	FQ	#	-	-	-
	umhos/cm	0414	WL	09/18/2002	N001	3.57 - 9.49	4269	QF	#	-	-	-
	umhos/cm	0430	WL	08/19/2002	N001	96.00 - 106.00	2417	F	#	-	-	-
	umhos/cm	0431	WL	09/19/2002	N001	89.00 - 99.00	30930	FQ	#	-	-	-
	umhos/cm	0432	WL	08/15/2002	N001	50.00 - 60.00	2814	F	#	-	-	-
	umhos/cm	0433	WL	08/20/2002	N001	94.00 - 104.00	4147	F	#	-	-	-
	umhos/cm	0434	WL	08/15/2002	N001	75.00 - 85.00	37835	F	#	-	-	-
	umhos/cm	0435	WL	09/18/2002	N001	171.00 - 181.00	116.5	F	#	-	-	-
	umhos/cm	0436	WL	09/19/2002	N001	195.00 - 205.00	124.2	F	#	-	-	-
	umhos/cm	0437	WL	08/23/2002	N001	94.00 - 94.00	21600	Q	#	-	-	-
	umhos/cm	0437	WL	08/23/2002	N001	188.00 - 188.00	16500	Q	#	-	-	-
	umhos/cm	0437	WL	08/23/2002	N001	130.00 - 130.00	15200	Q	#	-	-	-
	umhos/cm	0437	WL	08/23/2002	N001	160.00 - 160.00	16500	Q	#	-	-	-
	umhos/cm	0437	WL	08/24/2002	N001	218.00 - 218.00	19800	Q	#	-	-	-
	umhos/cm	0437	WL	08/24/2002	N001	252.00 - 252.00	85200	Q	#	-	-	-
	umhos/cm	0437	WL	09/26/2002	N001	90.00 - 100.00	7571	F	#	-	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Specific Conductance	umhos/cm	0438	WL	08/20/2002	N001	44.00 - 44.00	29900		Q	#	-
	umhos/cm	0438	WL	08/21/2002	N001	105.00 - 105.00	13500		Q	#	-
	umhos/cm	0438	WL	09/17/2002	N001	109.00 - 119.00	8040		Q	#	-
	umhos/cm	0439	WL	08/08/2002	N001	27.00 - 27.00	95000		Q	#	-
	umhos/cm	0439	WL	08/09/2002	N001	135.00 - 135.00	14800		Q	#	-
	umhos/cm	0439	WL	08/09/2002	N001	165.00 - 165.00	16800		Q	#	-
	umhos/cm	0439	WL	08/09/2002	N001	155.00 - 155.00	18800		Q	#	-
	umhos/cm	0439	WL	08/09/2002	N001	120.00 - 120.00	14100		Q	#	-
	umhos/cm	0439	WL	08/10/2002	N001	205.00 - 205.00	46500		Q	#	-
	umhos/cm	0439	WL	08/10/2002	N001	185.00 - 185.00	65400		Q	#	-
	umhos/cm	0439	WL	08/10/2002	N001	235.00 - 235.00	93300		Q	#	-
	umhos/cm	0439	WL	08/11/2002	N001	266.00 - 266.00	91600		Q	#	-
	umhos/cm	0439	WL	08/11/2002	N001	265.00 - 265.00	131200		Q	#	-
	umhos/cm	0439	WL	08/12/2002	N001	265.00 - 265.00	134800		Q	#	-
	umhos/cm	0439	WL	09/17/2002	N001	110.00 - 120.00	9018		Q	#	-
	umhos/cm	0440	WL	09/24/2002	N001	109.00 - 119.00	8840		QF	#	-
	umhos/cm	0442	WL	09/25/2002	N001	61.00 - 66.00	19830		Q	#	-
	umhos/cm	0443	WL	09/19/2002	N001	70.00 - 80.00	4540		F	#	-
	umhos/cm	0444	WL	09/18/2002	N001	110.00 - 120.00	111.5		F	#	-
	umhos/cm	0537	BH	09/19/2002	N001	0.00 - 0.00	130.5		Q	#	-
	umhos/cm	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	8198		F	#	-
	umhos/cm	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	16520		F	#	-
	umhos/cm	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	11480		F	#	-
	umhos/cm	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	94870		F	#	-
	umhos/cm	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	86090		F	#	-
	umhos/cm	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	14810		F	#	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:	DETECTION	UN-
		ID	TYPE	DATE			LAB	DATA	CERTAINTY
Specific Conductance	umhos/cm	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	2188	F	#
	umhos/cm	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	25280	FQ	#
	umhos/cm	MW-3	WL	08/14/2002	N001	- 55.00	24670	F	#
	umhos/cm	RW-01	WL	08/19/2002	N001	69.00 - 79.00	1078	F	#
	umhos/cm	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	16360	F	#
	umhos/cm	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	5996	F	#
	umhos/cm	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	3991	F	#
	umhos/cm	TP-01	WL	08/14/2002	N001	19.00 - 24.00	14830	F	#
	umhos/cm	TP-02	WL	08/14/2002	N001	27.00 - 32.00	4318	F	#
	umhos/cm	TP-07	WL	08/13/2002	N001	24.50 - 29.50	13120	F	#
	umhos/cm	TP-08	WL	08/13/2002	N001	26.50 - 31.50	14660	F	#
	umhos/cm	TP-09	WL	08/13/2002	N001	23.00 - 28.00	15340	F	#
Specific Gravity	0437	WL	08/23/2002	0001	130.00 - 130.00	1.013	Q	#	-
	0437	WL	08/23/2002	0001	94.00 - 94.00	1.015	Q	#	-
	0437	WL	08/23/2002	0001	188.00 - 188.00	1.016	Q	#	-
	0437	WL	08/23/2002	0001	160.00 - 160.00	1.019	Q	#	-
	0437	WL	08/23/2002	N001	188.00 - 188.00	1.115	Q	#	-
	0437	WL	08/23/2002	N001	94.00 - 94.00	1.019	Q	#	-
	0437	WL	08/23/2002	N001	160.00 - 160.00	1.038	Q	#	-
	0437	WL	08/23/2002	N001	130.00 - 130.00	1.092	Q	#	-
	0437	WL	08/24/2002	0001	218.00 - 218.00	1.016	Q	#	-
	0437	WL	08/24/2002	0001	252.00 - 252.00	1.056	Q	#	-
	0437	WL	08/24/2002	N001	218.00 - 218.00	1.065	Q	#	-
	0437	WL	08/24/2002	N001	252.00 - 252.00	1.497	Q	#	-
	0438	WL	08/20/2002	0001	44.00 - 44.00	1.032	Q	#	-
	0438	WL	08/20/2002	N001	44.00 - 44.00	1.003	Q	#	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION	UN-
		ID	TYPE	DATE			LAB	DATA	QA		
Specific Gravity		0438	WL	08/21/2002	0001	105.00 - 105.00	0.997	Q	#	-	-
		0438	WL	08/21/2002	N001	105.00 - 105.00	1.123	Q	#	-	-
		0439	WL	08/09/2002	0001	155.00 - 155.00	1.028	Q	#	-	-
		0439	WL	08/09/2002	0001	120.00 - 120.00	1.002	Q	#	-	-
		0439	WL	08/09/2002	0001	165.00 - 165.00	1.009	Q	#	-	-
		0439	WL	08/09/2002	0001	135.00 - 135.00	1.01	Q	#	-	-
		0439	WL	08/09/2002	N001	120.00 - 120.00	1.086	Q	#	-	-
		0439	WL	08/09/2002	N001	165.00 - 165.00	1.049	Q	#	-	-
		0439	WL	08/09/2002	N001	135.00 - 135.00	1.048	Q	#	-	-
		0439	WL	08/09/2002	N001	155.00 - 155.00	1.038	Q	#	-	-
		0439	WL	08/10/2002	0001	205.00 - 205.00	1.027	Q	#	-	-
		0439	WL	08/10/2002	0001	185.00 - 185.00	1.034	Q	#	-	-
		0439	WL	08/10/2002	0001	235.00 - 235.00	1.044	Q	#	-	-
		0439	WL	08/10/2002	N001	185.00 - 185.00	1.042	Q	#	-	-
		0439	WL	08/10/2002	N001	205.00 - 205.00	1.072	Q	#	-	-
		0439	WL	08/10/2002	N001	235.00 - 235.00	1.076	Q	#	-	-
		0439	WL	08/11/2002	0001	266.00 - 266.00	1.045	Q	#	-	-
		0439	WL	08/11/2002	0001	265.00 - 265.00	1.053	Q	#	-	-
		0439	WL	08/11/2002	N001	265.00 - 265.00	1.051	Q	#	-	-
		0439	WL	08/11/2002	N001	266.00 - 266.00	0.994	Q	#	-	-
		0439	WL	08/12/2002	0001	265.00 - 265.00	1.045	Q	#	-	-
		0439	WL	08/12/2002	N001	265.00 - 265.00	1.052	Q	#	-	-
Strontium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	5.530	F	#	0.002	-
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	5.600	F	#	0.00222	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	7.370	FQ	#	0.002	-
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	7.470	FQ	#	0.00222	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-
		ID	TYPE	DATE			LAB	DATA	QA		
Strontium	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	1.200	QF	#	0.0002	-
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	1.240	QF	#	0.00022	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	2.600	F	#	0.0001	-
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	2.470	F	#	0.00011	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	11.500	FQ	#	0.002	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	11.800	FQ	#	0.00222	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	2.510	F	#	0.0001	-
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	2.420	F	#	0.00011	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	2.840	F	#	0.0001	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	2.720	F	#	0.00011	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	12.200	F	#	0.0005	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	13.200	F	#	0.00056	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	36.700	F	#	0.01	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	38.600	F	#	0.01111	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	31.000	F	#	0.01	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	31.600	F	#	0.01111	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	7.710	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	10.200	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	7.090	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	16.000	QJ	#	0.0005	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	7.060	QJ	#	0.0005	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	20.200	QJ	#	0.0005	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	8.860	F	#	0.002	-
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	9.110	F	#	0.00222	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	7.540	QJ	#	0.0005	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	9.770	QJ	#	0.0005	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA		
Strontium	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	10.100	Q	#	0.002	-	
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	10.300	Q	#	0.00222	-	
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	9.810	QJ	#	0.0005	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	11.600	QJ	#	0.0005	-	
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	13.500	QJ	#	0.0005	-	
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	8.570	QJ	#	0.0005	-	
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	10.200	QJ	#	0.0005	-	
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	11.300	QJ	#	0.0005	-	
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	16.000	QJ	#	0.0005	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	18.900	QJ	#	0.0005	-	
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	14.200	QJ	#	0.0005	-	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	17.700	QJ	#	0.0005	-	
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	18.100	QJ	#	0.0005	-	
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	12.700	Q	#	0.002	-	
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	12.900	Q	#	0.00222	-	
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	15.200	QF	#	0.002	-	
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	15.700	QF	#	0.00222	-	
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	8.770	Q	#	0.002	-	
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	9.080	Q	#	0.00222	-	
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	5.490	F	#	0.002	-	
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	5.660	F	#	0.00222	-	
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	35.100	F	#	0.01	-	
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	35.100	F	#	0.01	-	
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	35.700	F	#	0.01111	-	
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	35.700	F	#	0.01111	-	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	2.750	Q	#	0.0002	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Strontium	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	2.840	Q	#	0.00022	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	2.370	Q	#	0.0002	-
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	1.500	Q	#	0.00022	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	15.800	Q	#	0.001	-
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	19.700	Q	#	0.00111	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	5.300	F	#	0.001	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	5.280	F	#	0.001	-
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	5.250	F	#	0.00111	-
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	5.160	F	#	0.00111	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	11.900	F	#	0.001	-
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	11.900	F	#	0.00111	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	22.400	F	#	0.001	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	21.500	F	#	0.001	-
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	20.000	F	#	0.00111	-
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	19.700	F	#	0.00111	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	30.600	F	#	0.01	-
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	30.900	F	#	0.01111	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	35.600	F	#	0.001	-
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	38.200	F	#	0.00111	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	13.300	F	#	0.001	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	13.500	F	#	0.00111	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	2.520	F	#	0.0002	-
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	2.510	F	#	0.00022	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	15.500	FQ	#	0.001	-
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	15.600	FQ	#	0.00111	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	12.600	F	#	0.001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Strontium	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	12.800	F	#	0.00111	-	
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	2.430	F	#	0.0001	-	
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	2.300	F	#	0.00011	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	15.200	F	#	0.001	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	14.700	F	#	0.00111	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	3.360	F	#	0.0001	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	3.730	F	#	0.00011	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	1.920	F	#	0.0001	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	2.050	F	#	0.00011	-	
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	13.500	F	#	0.002	-	
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	13.200	F	#	0.00111	-	
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	6.880	F	#	0.001	-	
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	6.680	F	#	0.00111	-	
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	15.900	F	#	0.001	-	
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	15.600	F	#	0.00111	-	
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	15.600	F	#	0.001	-	
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	15.400	F	#	0.00111	-	
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	11.500	F	#	0.001	-	
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	11.700	F	#	0.00111	-	
Sulfate	mg/L	0410	WL	09/18/2002	0001	18.80 - 23.72	629.000	FQ	#	0.394	-	
	mg/L	0410	WL	09/18/2002	N001	18.80 - 23.72	638.000	FQ	#	0.394	-	
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	1350.000	F	#	1.97	-	
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	1390.000	F	#	1.97	-	
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	939.000	FQ	#	0.788	-	
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	940.000	FQ	#	0.788	-	
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	1060.000	QF	#	0.788	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	1060.000	QF	#	0.788	-	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	139.000	F	#	0.0788	-	
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	139.000	F	#	0.0788	-	
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	1790.000	FQ	#	7.88	-	
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	1810.000	FQ	#	7.88	-	
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	326.000	F	#	0.788	-	
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	321.000	F	#	0.788	-	
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	341.000	F	#	0.788	-	
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	340.000	F	#	0.788	-	
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	1530.000	F	#	0.788	-	
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	1520.000	F	#	0.788	-	
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	4370.000	F	#	19.7	-	
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	4390.000	F	#	39.4	-	
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	5040.000	F	#	39.4	-	
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	4840.000	F	#	3.94	-	
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	4140.000	Q	#	1.97	-	
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	4310.000	Q	#	1.97	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	4430.000	Q	#	3.94	-	
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	5410.000	Q	#	3.94	-	
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	5800.000	Q	#	3.94	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	13500.000	Q	#	15.76	-	
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	3470.000	F	#	1.97	-	
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	3560.000	F	#	1.97	-	
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	8430.000	Q	#	3.94	-	
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	3400.000	Q	#	1.97	-	
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	3530.000	Q	#	1.97	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION	UN-
		ID	TYPE	DATE			LAB	DATA	QA		
Sulfate	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	3560.000	Q	#	1.97	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	39300.000	Q	#	19.7	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	3140.000	Q	#	1.97	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	3580.000	Q	#	1.97	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	4190.000	Q	#	1.97	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	4320.000	Q	#	1.97	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	6790.000	Q	#	7.88	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	12700.000	Q	#	7.88	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	7600.000	Q	#	19.7	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	2720.000	Q	#	19.7	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	3050.000	Q	#	19.7	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	3410.000	Q	#	19.7	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	3740.000	Q	#	1.97	-
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	3720.000	Q	#	1.97	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	2100.000	QF	#	1.97	-
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	2270.000	QF	#	1.97	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	12200.000	Q	#	7.88	-
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	12400.000	Q	#	7.88	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	318.000	F	#	0.788	-
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	335.000	F	#	0.788	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	4110.000	F	#	19.7	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	4080.000	F	#	19.7	-
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	4370.000	F	#	39.4	-
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	4400.000	F	#	39.4	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	1780.000	Q	#	1.97	-
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	1800.000	Q	#	1.97	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Sulfate	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	454.000	Q	#	3.94	-	
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	275.000	Q	#	3.94	-	
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	241000.000	Q	#	197	-	
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	185000.000	Q	#	197	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	986.000	F	#	1.97	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	981.000	F	#	1.97	-	
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	960.000	F	#	1.97	-	
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	973.000	F	#	1.97	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	10700.000	F	#	7.88	-	
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	11100.000	F	#	7.88	-	
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	8510.000	F	#	3.94	-	
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	8350.000	F	#	3.94	-	
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	8360.000	F	#	3.94	-	
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	8250.000	F	#	3.94	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	4880.000	F	#	39.4	-	
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	4840.000	F	#	39.4	-	
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	5050.000	F	#	19.7	-	
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	5210.000	F	#	19.7	-	
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	8120.000	F	#	3.94	-	
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	8170.000	F	#	3.94	-	
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	265.000	F	#	0.788	-	
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	265.000	F	#	0.394	-	
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	21600.000	FQ	#	15.76	-	
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	22700.000	FQ	#	15.76	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	16900.000	F	#	7.88	-	
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	17100.000	F	#	7.88	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:	DETECTION	UN-	
		ID	TYPE	DATE			LAB	DATA	QA	
Sulfate	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	185.000	F	#	0.197
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	187.000	F	#	0.197
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	9330.000	F	#	3.94
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	9360.000	F	#	3.94
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	1500.000	F	#	1.97
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	1530.000	F	#	1.97
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	1120.000	F	#	1.97
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	1120.000	F	#	1.97
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	4030.000	F	#	3.94
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	4050.000	F	#	3.94
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	2190.000	F	#	1.97
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	2100.000	F	#	1.97
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	8310.000	F	#	3.94
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	8310.000	F	#	3.94
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	8930.000	F	#	3.94
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	8990.000	F	#	3.94
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	10400.000	F	#	7.88
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	10400.000	F	#	7.88
Temperature	C	0410	WL	09/18/2002	N001	18.80 - 23.72	21.53	FQ	#	-
	C	0412	WL	09/17/2002	N001	7.56 - 12.48	22.27	F	#	-
	C	0413	WL	09/18/2002	N001	7.48 - 12.40	21.74	FQ	#	-
	C	0414	WL	09/18/2002	N001	3.57 - 9.49	21.48	QF	#	-
	C	0430	WL	08/19/2002	N001	96.00 - 106.00	20.44	F	#	-
	C	0431	WL	09/19/2002	N001	89.00 - 99.00	18.7	FQ	#	-
	C	0432	WL	08/15/2002	N001	50.00 - 60.00	20.59	F	#	-
	C	0433	WL	08/20/2002	N001	94.00 - 104.00	18.94	F	#	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Temperature	C	0434	WL	08/15/2002	N001	75.00 - 85.00	21.05	F	#	-	-	-
	C	0435	WL	09/18/2002	N001	171.00 - 181.00	17.97	F	#	-	-	-
	C	0436	WL	09/19/2002	N001	195.00 - 205.00	18.92	F	#	-	-	-
	C	0437	WL	09/26/2002	N001	90.00 - 100.00	17.72	F	#	-	-	-
	C	0438	WL	09/17/2002	N001	109.00 - 119.00	18.87	Q	#	-	-	-
	C	0439	WL	09/17/2002	N001	110.00 - 120.00	17.52	Q	#	-	-	-
	C	0440	WL	09/24/2002	N001	109.00 - 119.00	23.18	QF	#	-	-	-
	C	0442	WL	09/25/2002	N001	61.00 - 66.00	19.83	Q	#	-	-	-
	C	0443	WL	09/19/2002	N001	70.00 - 80.00	18.86	F	#	-	-	-
	C	0444	WL	09/18/2002	N001	110.00 - 120.00	18.07	F	#	-	-	-
	C	0537	BH	09/19/2002	N001	0.00 - 0.00	23.8	Q	#	-	-	-
	C	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	19.31	F	#	-	-	-
	C	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	16.45	F	#	-	-	-
	C	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	20.73	F	#	-	-	-
	C	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	17.76	F	#	-	-	-
	C	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	23.05	F	#	-	-	-
	C	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	16.85	F	#	-	-	-
	C	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	19.12	F	#	-	-	-
	C	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	19.77	FQ	#	-	-	-
	C	MW-3	WL	08/14/2002	N001	- 55.00	18.25	F	#	-	-	-
	C	RW-01	WL	08/19/2002	N001	69.00 - 79.00	18.85	F	#	-	-	-
	C	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	18.82	F	#	-	-	-
	C	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	19.16	F	#	-	-	-
	C	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	18.77	F	#	-	-	-
	C	TP-01	WL	08/14/2002	N001	19.00 - 24.00	16.88	F	#	-	-	-
	C	TP-02	WL	08/14/2002	N001	27.00 - 32.00	17.11	F	#	-	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			UN-	
		ID	TYPE	DATE			LAB	DATA	QA		
Temperature	C	TP-07	WL	08/13/2002	N001	24.50 - 29.50	17.92	F	#	-	-
	C	TP-08	WL	08/13/2002	N001	26.50 - 31.50	16.62	F	#	-	-
	C	TP-09	WL	08/13/2002	N001	23.00 - 28.00	16.66	F	#	-	-
Thallium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0001	U	F	#	0.0001
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0001	U	FQ	#	0.0001
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0001	U	QF	#	0.0001
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.00072	B	UF	#	0.0001
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0001	U	FQ	#	0.0001
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.00069	B	UF	#	0.0001
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.00015	B	UF	#	0.0001
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0022	B	UF	#	0.0001
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0025	B	F	#	0.0005
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0005	U	F	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0005	U	QJ	#	0.0005
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0001	U	F	#	0.0001
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0061	B	QJ	#	0.0005
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.0005	U	QJ	#	0.0005
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0001	U	Q	#	0.0001
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.0245	B	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0005	U	QJ	#	0.0005
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0005	U	QJ	#	0.0005

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Thallium	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0005	U	QJ	#	0.0005	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0001	U	QJ	#	0.0001	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0001	B	QJ	#	0.0001	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0001	U	QJ	#	0.0001	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0001	U	Q	#	0.0001	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0001	U	QF	#	0.0001	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0063	Q	#	0.0001	-	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0001	U	F	#	0.0001	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0005	U	F	#	0.0005	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0005	U	F	#	0.0005	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0001	U	Q	#	0.0001	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0001	U	Q	#	0.0001	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	0.269	Q	#	0.0005	-	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.00071	B	UF	#	0.0001	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.00071	B	UF	#	0.0001	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.001	B	UF	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.00069	B	UF	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.00069	B	UF	#	0.0001	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0005	U	F	#	0.0005	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.00069	B	UF	#	0.0001	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.001	B	UF	#	0.0001	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0001	U	F	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Thallium	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0016	B	UFQ	#	0.0001	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.00069	B	UF	#	0.0001	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.00069	B	UF	#	0.0001	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.00087	B	UF	#	0.0001	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.00071	B	UF	#	0.0001	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.00073	B	UF	#	0.0001	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.00074	B	UF	#	0.0001	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.00069	B	UF	#	0.0001	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.00069	B	UF	#	0.0001	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.00078	B	UF	#	0.0001	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0016	B	UF	#	0.0001	-
Thorium-230	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	1.5	U	F	#	1.48	-
	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	1.5	U	FQ	#	1.48	-
	pCi/L	0414	WL	09/18/2002	0001	3.57 - 9.49	1.5	U	QF	#	1.48	-
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	1.5	U	F	#	1.52	-
	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	1.5	U	FQ	#	1.48	-
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	1.5	U	F	#	1.52	-
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	1.5	U	F	#	1.52	-
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	1.5	U	F	#	1.52	-
	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	1.5	U	F	#	1.48	-
	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	1.5	U	F	#	1.48	-
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	1.5	U	QJ	#	1.48	-
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	1.5	U	QJ	#	1.48	-
	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	1.5	U	QJ	#	1.48	-
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	1.5	U	QJ	#	1.48	-
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	1.5	U	QJ	#	1.48	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Thorium-230	pCi/L	0437	WL	08/24/2002	0001	252.00 - 252.00	1.9	B	QJ	#	1.48	-
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	1.5	U	F	#	1.48	-
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	1.5	U	QJ	#	1.48	-
	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	1.5	U	Q	#	1.48	-
	pCi/L	0439	WL	08/08/2002	0001	27.00 - 27.00	6.5		QJ	#	1.48	-
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	1.5	U	QJ	#	1.48	-
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	1.5	U	QJ	#	1.48	-
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	1.5	U	QJ	#	1.48	-
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	1.5	U	QJ	#	1.48	-
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	1.5	U	QJ	#	1.48	-
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	1.5	U	QJ	#	1.48	-
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	1.5	U	QJ	#	1.48	-
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	1.5	U	Q	#	1.48	-
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	1.5	U	QF	#	1.48	-
	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	1.5	U	Q	#	1.48	-
	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	1.5	U	F	#	1.48	-
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	1.5	U	F	#	1.48	-
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	1.5	U	F	#	1.48	-
	pCi/L	0458	WL	09/26/2002	0001	248.50 - 248.50	1.5	U	Q	#	1.48	-
	pCi/L	0459	WL	09/26/2002	0001	292.85 - 292.85	1.5	U	Q	#	1.48	-
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	7.4	U	Q	#	7.4	-
	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	1.5	U	F	#	1.52	-
	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	1.5	U	F	#	1.52	-
	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	1.5	U	F	#	1.52	-
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	1.5	U	F	#	1.52	-
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	1.5	U	F	#	1.52	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA		
Thorium-230	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	1.5	U	F	#	1.48	-
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	1.5	U	F	#	1.52	-
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	1.5	U	F	#	1.52	-
	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	1.5	U	F	#	1.48	-
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	1.5	U	FQ	#	1.52	-
	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	1.5	U	F	#	1.52	-
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	1.5	U	F	#	1.52	-
	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	1.5	U	F	#	1.52	-
	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	1.5	U	F	#	1.52	-
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	1.5	U	F	#	1.52	-
	pCi/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	1.5	U	F	#	1.52	-
	pCi/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	1.5	U	F	#	1.52	-
	pCi/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	1.5	U	F	#	1.52	-
Total Dissolved Solids	mg/L	0362	BH	07/13/2002	0001	39.00 - 39.00	3480	Q	#	-	-	-
	mg/L	0362	BH	07/13/2002	0002	55.00 - 55.00	5567	Q	#	-	-	-
	mg/L	0364	BH	07/12/2002	0001	40.00 - 40.00	7910	Q	#	-	-	-
	mg/L	0364	BH	07/12/2002	0002	54.00 - 54.00	19220	Q	#	-	-	-
	mg/L	0410	WL	09/18/2002	0001	18.80 - 23.72	1880	FQ	#	10	-	-
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	3910	F	#	10	-	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	2500	FQ	#	10	-	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	2880	QF	#	10	-	-
	mg/L	0421	BH	06/19/2002	0001	20.00 - 20.00	105200	QJ	#	-	-	-
	mg/L	0422	BH	06/20/2002	0001	60.00 - 60.00	76000	QJ	#	-	-	-
	mg/L	0423	BH	06/20/2002	0001	73.00 - 73.00	3215	QJ	#	-	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Total Dissolved Solids	mg/L	0424	BH	06/24/2002	0001	20.00 - 20.00	14780	QJ	#	-	-	-
	mg/L	0425	BH	06/24/2002	0001	60.00 - 60.00	27750	QJ	#	-	-	-
	mg/L	0426	BH	06/24/2002	0001	90.00 - 90.00	67300	QJ	#	-	-	-
	mg/L	0427	BH	06/22/2002	0001	20.00 - 20.00	480	QJ	#	-	-	-
	mg/L	0428	BH	06/22/2002	0001	60.00 - 60.00	393	QJ	#	-	-	-
	mg/L	0429	BH	06/22/2002	0001	83.00 - 83.00	6240	QJ	#	-	-	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	1420	F	#	10	-	-
	mg/L	0431	WL	07/29/2002	0001	50.00 - 50.00	765	Q	#	-	-	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	21000	FQ	#	10	-	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	1850	F	#	10	-	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	2550	F	#	10	-	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	27800	F	#	10	-	-
	mg/L	0435	WL	07/23/2002	0001	146.00 - 146.00	75100	Q	#	-	-	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	94000	F	#	10	-	-
	mg/L	0436	WL	07/31/2002	0001	20.00 - 20.00	3655	Q	#	-	-	-
	mg/L	0436	WL	07/31/2002	0002	105.00 - 105.00	56100	Q	#	-	-	-
	mg/L	0436	WL	07/31/2002	0003	135.00 - 135.00	93900	Q	#	-	-	-
	mg/L	0436	WL	08/01/2002	0001	180.00 - 180.00	70200	Q	#	-	-	-
	mg/L	0436	WL	08/06/2002	0001	212.00 - 212.00	103000	Q	#	-	-	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	101000	F	#	10	-	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	10400	Q	#	10	-	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	8950	Q	#	10	-	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	8170	Q	#	10	-	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	8590	Q	#	10	-	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	9530	Q	#	10	-	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	66400	Q	#	10	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Total Dissolved Solids	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	7330	F	#	10	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	14800	Q	#	10	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	7350	Q	#	10	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	7250	Q	#	10	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	57200	Q	#	10	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	9420	Q	#	10	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	8100	Q	#	10	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	8000	Q	#	10	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	10400	Q	#	10	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	24300	Q	#	10	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	37200	Q	#	10	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	47300	Q	#	10	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	52400	Q	#	10	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	62800	Q	#	10	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	63900	Q	#	10	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	8290	Q	#	10	-
	mg/L	0440	WL	07/28/2002	0001	115.00 - 115.00	6707	Q	#	-	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	6500	QF	#	10	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	18400	Q	#	10	-
	mg/L	0443	WL	07/30/2002	0001	55.00 - 55.00	877	Q	#	-	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	2510	F	#	10	-
	mg/L	0444	WL	07/25/2002	0001	25.00 - 25.00	4625	Q	#	-	-
	mg/L	0444	WL	07/25/2002	0002	50.00 - 50.00	7160	Q	#	-	-
	mg/L	0444	WL	07/25/2002	0003	80.00 - 80.00	39450	Q	#	-	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	89500	F	#	10	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	89200	F	#	10	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA		
Total Dissolved Solids	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	5830	Q	#	10	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	7900	Q	#	10	-	
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	216000	Q	#	10	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	7070	F	#	10	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	7090	F	#	10	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	18300	F	#	10	-	
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	16100	F	#	10	-	
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	15600	F	#	10	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	102000	F	#	10	-	
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	90100	F	#	10	-	
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	16400	F	#	10	-	
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	1440	F	#	10	-	
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	33000	FQ	#	10	-	
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	30200	F	#	10	-	
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	677	F	#	10	-	
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	18400	F	#	10	-	
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	5260	F	#	10	-	
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	3700	F	#	10	-	
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	14800	F	#	10	-	
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	4980	F	#	10	-	
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	16500	F	#	10	-	
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	17200	F	#	10	-	
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	16800	F	#	10	-	
Total Organic Carbon	mg/L	0410	WL	09/18/2002	N001	18.80 - 23.72	2.8	FQ	#	0.1	-	
	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	4.4	F	#	0.1	-	
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	2.4	FQ	#	0.1	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Total Organic Carbon	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	3.9	QF	#	0.1	-	
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	0.57	B	UF	#	0.1	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	0.26	B	UFQ	#	0.1	-
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	2.1	F	#	0.1	-	
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.42	B	UF	#	0.1	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.37	B	UF	#	0.1	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	0.46	B	UF	#	0.1	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	0.21	B	UF	#	0.1	-
	mg/L	0437	WL	08/23/2002	N001	160.00 - 160.00	21.7	QJ	#	0.1	-	
	mg/L	0437	WL	08/23/2002	N001	188.00 - 188.00	109	QJ	#	0.1	-	
	mg/L	0437	WL	08/23/2002	N001	130.00 - 130.00	315	QJ	#	0.1	-	
	mg/L	0437	WL	08/23/2002	N001	94.00 - 94.00	9.1	QJ	#	0.1	-	
	mg/L	0437	WL	08/24/2002	N001	252.00 - 252.00	52.5	QJ	#	0.1	-	
	mg/L	0437	WL	08/24/2002	N001	218.00 - 218.00	221	QJ	#	0.1	-	
	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	3.4	F	#	0.1	-	
	mg/L	0438	WL	08/20/2002	N001	44.00 - 44.00	9.7	QJ	#	0.1	-	
	mg/L	0438	WL	08/21/2002	N001	105.00 - 105.00	35.9	QJ	#	0.1	-	
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	2	UQ	#	0.1	-	
	mg/L	0439	WL	08/08/2002	N001	27.00 - 27.00	107	QJ	#	0.1	-	
	mg/L	0439	WL	08/09/2002	N001	155.00 - 155.00	27.3	QJ	#	0.1	-	
	mg/L	0439	WL	08/09/2002	N001	120.00 - 120.00	173	QJ	#	0.1	-	
	mg/L	0439	WL	08/09/2002	N001	165.00 - 165.00	34.5	QJ	#	0.1	-	
	mg/L	0439	WL	08/09/2002	N001	135.00 - 135.00	71.1	QJ	#	0.1	-	
	mg/L	0439	WL	08/10/2002	N001	185.00 - 185.00	27.9	QJ	#	0.1	-	
	mg/L	0439	WL	08/10/2002	N001	235.00 - 235.00	38.1	QJ	#	0.1	-	
	mg/L	0439	WL	08/10/2002	N001	205.00 - 205.00	279	QJ	#	0.1	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Total Organic Carbon	mg/L	0439	WL	08/11/2002	N001	265.00 - 265.00	33.7	QJ	#	0.1	-	
	mg/L	0439	WL	08/11/2002	N001	266.00 - 266.00	798	QJ	#	0.1	-	
	mg/L	0439	WL	08/12/2002	N001	265.00 - 265.00	1.6	QJ	#	0.1	-	
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	2.7	Q	#	0.1	-	
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	2.4	QF	#	0.1	-	
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	6.2	Q	#	0.1	-	
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	0.55	B	UF	#	0.1	-
	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	0.45	B	UF	#	0.1	-
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	0.28	B	UF	#	0.1	-
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	4.1	Q	#	0.1	-	
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	6.3	Q	#	0.1	-	
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	69.8	Q	#	0.1	-	
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	2.6		UF	#	0.1	-
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	0.55	B	UF	#	0.1	-
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	2.4	F	#	0.1	-	
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	2.9	F	#	0.1	-	
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	3	F	#	0.1	-	
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	0.36	B	UF	#	0.1	-
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	0.36	B	UF	#	0.1	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	1.9	F	#	0.1	-	
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.74	B	UF	#	0.1	-
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	11.2	FQ	#	0.1	-	
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	3.5	F	#	0.1	-	
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	0.51	B	UF	#	0.1	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	2.2		UF	#	0.1	-
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	1.2		UF	#	0.1	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Total Organic Carbon	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	2.2	F	#	0.1	-	
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	1.3	UF	#	0.1	-	
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	6	F	#	0.1	-	
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	2.7	F	#	0.1	-	
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	3	F	#	0.1	-	
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	2.4	F	#	0.1	-	
Total Phosphorus as PO4	mg/L	0410	WL	09/18/2002	0001	18.80 - 23.72	0.272	U	FQ	#	0.272	-
	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.496	B	F	#	0.272	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.272	U	FQ	#	0.272	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.451	B	QF	#	0.272	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.544	U	F	#	0.544	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.544	U	FQ	#	0.544	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	1.860	B	F	#	0.544	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	1.460	B	F	#	0.544	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	4.800	B	F	#	1.36	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	1.360	U	F	#	1.36	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	2.720	U	F	#	2.72	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.742	QJ	#	0.136	-	
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.136	U	QJ	#	0.136	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.136	U	QJ	#	0.136	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.707	QJ	#	0.136	-	
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.544	U	QJ	#	0.544	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.592	QJ	#	0.136	-	
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.815	B	F	#	0.544	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.860	B	QJ	#	0.272	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.358	B	QJ	#	0.136	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-	
		ID	TYPE	DATE			LAB	DATA	QA			
Total Phosphorus as PO4	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.272	U	Q	#	0.272	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	4.330	B	QJ	#	1.36	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.369	B	QJ	#	0.136	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.379	B	QJ	#	0.136	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.495	B	QJ	#	0.136	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.913	QJ	#	0.136	-	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	3.870	B	QJ	#	1.36	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	2.410	QJ	#	0.544	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	1.590	B	QJ	#	0.544	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	5.050	QJ	#	1.36	-	
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	4.350	B	QJ	#	1.36	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	4.260	B	QJ	#	1.36	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.272	U	Q	#	0.272	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.544	U	QF	#	0.544	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.935	B	Q	#	0.544	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.272	U	F	#	0.272	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	1.360	U	F	#	1.36	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	4.310	B	F	#	1.36	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.544	U	Q	#	0.544	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.544	U	Q	#	0.544	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	2.720	U	Q	#	2.72	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	2.020	F	#	0.544	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.544	U	F	#	0.544	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	1.540	B	F	#	0.544	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.272	U	F	#	0.272	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.272	U	F	#	0.272	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA		
Total Phosphorus as PO4	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	2.720	U	F	#	2.72	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	13.700		F	#	2.72	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	1.360	B	F	#	0.544	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.544	U	F	#	0.544	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.544	U	FQ	#	0.544	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.544	U	F	#	0.544	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.544	U	F	#	0.544	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.544	U	F	#	0.544	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.544	U	F	#	0.544	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	1.930	B	F	#	0.544	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	1.290	B	F	#	0.544	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.544	U	F	#	0.544	-
Turbidity	NTU	0410	WL	09/18/2002	N001	18.80 - 23.72	800		FQ	#	-	-
	NTU	0412	WL	09/17/2002	N001	7.56 - 12.48	3		F	#	-	-
	NTU	0413	WL	09/18/2002	N001	7.48 - 12.40	90		FQ	#	-	-
	NTU	0414	WL	09/18/2002	N001	3.57 - 9.49	115		QF	#	-	-
	NTU	0430	WL	08/19/2002	N001	96.00 - 106.00	3.73		F	#	-	-
	NTU	0432	WL	08/15/2002	N001	50.00 - 60.00	1.26		F	#	-	-
	NTU	0433	WL	08/20/2002	N001	94.00 - 104.00	8.53		F	#	-	-
	NTU	0434	WL	08/15/2002	N001	75.00 - 85.00	2.66		F	#	-	-
	NTU	0435	WL	09/18/2002	N001	171.00 - 181.00	0.1		F	#	-	-
	NTU	0436	WL	09/19/2002	N001	195.00 - 205.00	3.9		F	#	-	-
	NTU	0437	WL	09/26/2002	N001	90.00 - 100.00	9.23		F	#	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY
								LAB	DATA	QA	
Turbidity	NTU	0438	WL	09/17/2002	N001	109.00 - 119.00	0.76	Q	#	-	-
	NTU	0439	WL	09/17/2002	N001	110.00 - 120.00	42	Q	#	-	-
	NTU	0440	WL	09/24/2002	N001	109.00 - 119.00	1000	>	QF	#	-
	NTU	0442	WL	09/25/2002	N001	61.00 - 66.00	31.1	Q	#	-	-
	NTU	0443	WL	09/19/2002	N001	70.00 - 80.00	9.6	F	#	-	-
	NTU	0444	WL	09/18/2002	N001	110.00 - 120.00	7.76	F	#	-	-
	NTU	0537	BH	09/19/2002	N001	0.00 - 0.00	18.8	Q	#	-	-
	NTU	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	0.44	F	#	-	-
	NTU	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	2.5	F	#	-	-
	NTU	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	2.75	F	#	-	-
	NTU	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	5.36	F	#	-	-
	NTU	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	278	F	#	-	-
	NTU	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	1.85	F	#	-	-
	NTU	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	1.47	F	#	-	-
	NTU	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	27.6	FQ	#	-	-
	NTU	MW-3	WL	08/14/2002	N001	- 55.00	2.55	F	#	-	-
	NTU	RW-01	WL	08/19/2002	N001	69.00 - 79.00	7.95	F	#	-	-
	NTU	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	3.22	F	#	-	-
	NTU	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	0.62	F	#	-	-
	NTU	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	1.72	F	#	-	-
	NTU	TP-01	WL	08/14/2002	N001	19.00 - 24.00	8.67	F	#	-	-
	NTU	TP-02	WL	08/14/2002	N001	27.00 - 32.00	7.6	F	#	-	-
	NTU	TP-07	WL	08/13/2002	N001	24.50 - 29.50	2.77	F	#	-	-
	NTU	TP-08	WL	08/13/2002	N001	26.50 - 31.50	9.56	F	#	-	-
	NTU	TP-09	WL	08/13/2002	N001	23.00 - 28.00	3.15	F	#	-	-
Uranium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	12.400	F	#	0.005	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE	RESULT	QUALIFIERS:			DETECTION	UN-
		ID	TYPE	DATE			LAB	DATA	QA		
Uranium	mg/L	0412	WL	09/17/2002	N001	7.56 - 12.48	12.400	F	#	0.00556	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	1.610	FQ	#	0.001	-
	mg/L	0413	WL	09/18/2002	N001	7.48 - 12.40	1.600	FQ	#	0.00111	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	2.820	QF	#	0.001	-
	mg/L	0414	WL	09/18/2002	N001	3.57 - 9.49	3.000	QF	#	0.00111	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.010	F	#	0.0001	-
	mg/L	0430	WL	08/19/2002	N001	96.00 - 106.00	0.011	F	#	0.00011	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.011	FQ	#	0.0001	-
	mg/L	0431	WL	09/19/2002	N001	89.00 - 99.00	0.011	FQ	#	0.00011	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0018	F	#	0.0001	-
	mg/L	0432	WL	08/15/2002	N001	50.00 - 60.00	0.002	F	#	0.00011	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0021	F	#	0.0001	-
	mg/L	0433	WL	08/20/2002	N001	94.00 - 104.00	0.0021	F	#	0.00011	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0174	F	#	0.0001	-
	mg/L	0434	WL	08/15/2002	N001	75.00 - 85.00	0.0151	F	#	0.00011	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0273	F	#	0.0005	-
	mg/L	0435	WL	09/18/2002	N001	171.00 - 181.00	0.0194	F	#	0.00056	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0068	F	#	0.0005	-
	mg/L	0436	WL	09/19/2002	N001	195.00 - 205.00	0.0023	B	F	#	0.00056
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0941	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.453	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0838	QJ	#	0.0005	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	1.050	QJ	#	0.0005	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.079	QJ	#	0.0005	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.219	QJ	#	0.0005	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	2.760	F	#	0.001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE			LAB	DATA	QA		
Uranium	mg/L	0437	WL	09/26/2002	N001	90.00 - 100.00	2.660	F	#	0.00111	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	4.190	QJ	#	0.0005	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	1.330	QJ	#	0.0005	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	1.660	Q	#	0.001	-
	mg/L	0438	WL	09/17/2002	N001	109.00 - 119.00	1.680	Q	#	0.00111	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	13.900	QJ	#	0.0025	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.695	QJ	#	0.0005	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.731	QJ	#	0.0005	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.863	QJ	#	0.0005	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.123	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.169	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.389	QJ	#	0.0005	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	1.580	QJ	#	0.0005	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0013	QJ	#	0.0001	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0287	QJ	#	0.0001	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0043	QJ	#	0.0001	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.853	Q	#	0.0001	-
	mg/L	0439	WL	09/17/2002	N001	110.00 - 120.00	0.856	Q	#	0.00011	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0285	QF	#	0.0001	-
	mg/L	0440	WL	09/24/2002	N001	109.00 - 119.00	0.0284	QF	#	0.00011	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	10.600	Q	#	0.005	-
	mg/L	0442	WL	09/25/2002	N001	61.00 - 66.00	10.600	Q	#	0.00556	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0114	F	#	0.0001	-
	mg/L	0443	WL	09/19/2002	N001	70.00 - 80.00	0.0116	F	#	0.00011	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.010	F	#	0.0005	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.010	F	#	0.0005	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	0444	WL	09/18/2002	N001	110.00 - 120.00	0.0057	F	#	0.00056	-	
	mg/L	0444	WL	09/18/2002	N002	110.00 - 120.00	0.0063	F	#	0.00056	-	
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0046	Q	#	0.0001	-	
	mg/L	0458	WL	09/26/2002	N001	248.50 - 248.50	0.0077	Q	#	0.00011	-	
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.0021	Q	#	0.0001	-	
	mg/L	0459	WL	09/26/2002	N001	292.85 - 292.85	0.0036	Q	#	0.00011	-	
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	15.300	Q	#	0.005	-	
	mg/L	0537	BH	09/19/2002	N001	0.00 - 0.00	15.300	Q	#	0.00556	-	
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0054	F	#	0.0001	-	
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.004	F	#	0.0001	-	
	mg/L	AMM-1	WL	08/14/2002	N001	17.25 - 57.00	0.0043	F	#	0.00011	-	
	mg/L	AMM-1	WL	08/14/2002	N002	17.25 - 57.00	0.0044	F	#	0.00011	-	
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	2.460	E	JF	#	0.001	-
	mg/L	AMM-2	WL	08/13/2002	N001	10.00 - 49.75	2.600	F	#	0.00111	-	
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.990	E	JF	#	0.0001	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	1.370	E	JF	#	0.001	-
	mg/L	AMM-3	WL	08/13/2002	N001	30.00 - 49.75	1.790	F	#	0.00056	-	
	mg/L	AMM-3	WL	08/13/2002	N002	30.00 - 49.75	1.870	F	#	0.00111	-	
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.002	B	F	#	0.0005	-
	mg/L	ATP-1-S	WL	09/25/2002	N001	145.00 - 155.00	0.00056	U	F	#	0.00056	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.121	F	#	0.0001	-	
	mg/L	ATP-2-D	WL	08/15/2002	N001	80.00 - 95.00	0.167	F	#	0.00011	-	
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	2.820	E	JF	#	0.001	-
	mg/L	ATP-2-S	WL	08/14/2002	N001	29.00 - 39.00	2.980	F	#	0.00111	-	
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0046	F	#	0.0001	-	
	mg/L	ATP-3	WL	09/25/2002	N001	53.00 - 63.00	0.0052	F	#	0.00011	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	1.790	E	JFQ	#	0.001	-
	mg/L	MW-1-R	WL	08/13/2002	N001	3.00 - 13.00	1.840	FQ	#	0.00111	-	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	3.560	E	JF	#	0.001	-
	mg/L	MW-3	WL	08/14/2002	N001	- 55.00	3.740	F	#	0.00111	-	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0114	F	#	0.0001	-	-
	mg/L	RW-01	WL	08/19/2002	N001	69.00 - 79.00	0.0124	F	#	0.00011	-	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	2.610	F	#	0.001	-	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	N001	75.28 - 80.28	2.740	F	#	0.00111	-	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.712	F	#	0.0001	-	-
	mg/L	SMI-PZ3M	WL	08/15/2002	N001	54.80 - 59.80	0.811	F	#	0.00011	-	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	1.930	F	#	0.001	-	-
	mg/L	SMI-PZ3S	WL	08/15/2002	N001	21.94 - 26.94	2.040	F	#	0.00111	-	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.248	F	#	0.0001	-	-
	mg/L	TP-01	WL	08/14/2002	N001	19.00 - 24.00	0.251	F	#	0.00011	-	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	16.500	F	#	0.005	-	-
	mg/L	TP-02	WL	08/14/2002	N001	27.00 - 32.00	16.800	F	#	0.00556	-	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	2.660	E	JF	#	0.001	-
	mg/L	TP-07	WL	08/13/2002	N001	24.50 - 29.50	2.730	F	#	0.00111	-	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	2.580	E	JF	#	0.001	-
	mg/L	TP-08	WL	08/13/2002	N001	26.50 - 31.50	2.690	F	#	0.00111	-	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	3.520	E	JF	#	0.001	-
	mg/L	TP-09	WL	08/13/2002	N001	23.00 - 28.00	3.750	F	#	0.00111	-	-
Uranium-234	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	3880	F	#	3	-	-
	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	500	FQ	#	0.6	-	-
	pCi/L	0414	WL	09/18/2002	0001	3.57 - 9.49	920	QF	#	0.6	-	-
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	4.1	E	JF	#	1.2	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:48 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Uranium-234	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	4.1	UFQ	#	0.6	-	
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	1.4	E	JF	#	1.2	-
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	1.2	UE	JF	#	1.2	-
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	8.7	E	JF	#	1.2	-
	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	8.6	F	#	0.6	-	
	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.74	B	UF	#	0.6	-
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	144	QJ	#	0.6	-	
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	29.5	QJ	#	0.6	-	
	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	29.3	QJ	#	0.6	-	
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	322	QJ	#	0.6	-	
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	23.3	QJ	#	0.6	-	
	pCi/L	0437	WL	08/24/2002	0001	252.00 - 252.00	67.7	QJ	#	0.6	-	
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	931	F	#	0.6	-	
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	424	QJ	#	0.6	-	
	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	556	Q	#	0.6	-	
	pCi/L	0439	WL	08/08/2002	0001	27.00 - 27.00	4290	QJ	#	30	-	
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	41.6	QJ	#	0.6	-	
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	244	QJ	#	0.6	-	
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	294	QJ	#	0.6	-	
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	523	QJ	#	0.6	-	
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	55.7	QJ	#	0.6	-	
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	1.4	QJ	#	0.6	-	
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	1.8	QJ	#	0.6	-	
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	304	Q	#	0.6	-	
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	12.8	QF	#	0.6	-	
	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	3060	Q	#	12	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	LOCATION	SAMPLE:	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	TYPE	DATE				LAB	DATA	QA		
Uranium-234	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	5	F	#	0.6	-	
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	2.4	F	#	0.6	-	
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	2.7	F	#	0.6	-	
	pCi/L	0458	WL	09/26/2002	0001	248.50 - 248.50	2.7	UQ	#	0.6	-	
	pCi/L	0459	WL	09/26/2002	0001	292.85 - 292.85	3.9	Q	#	0.6	-	
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	4900	Q	#	3	-	
	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	6.1	E	JF	#	1.2	-
	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	5	E	JF	#	1.2	-
	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	862	F	#	12	-	
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	350	F	#	1.2	-	
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	480	F	#	12	-	
	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.6	U	F	#	0.6	-
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	45.3	E	JF	#	1.2	-
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	923	F	#	12	-	
	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	1.6	F	#	0.6	-	
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	617	FQ	#	12	-	
	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	1280	F	#	12	-	
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	4.2	E	JF	#	1.2	-
	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	800	E	JF	#	12	-
	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	235	E	JF	#	1.2	-
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	576	E	JF	#	12	-
	pCi/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	83	E	JF	#	1.2	-
	pCi/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	5310	E	JF	#	60	-
	pCi/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	902	F	#	12	-	
	pCi/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	869	F	#	12	-	
	pCi/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	1130	F	#	12	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Uranium-238	pCi/L	0412	WL	09/17/2002	0001	7.56 - 12.48	4210	F	#	2.5	-	
	pCi/L	0413	WL	09/18/2002	0001	7.48 - 12.40	557	FQ	#	1	-	
	pCi/L	0414	WL	09/18/2002	0001	3.57 - 9.49	1040	QF	#	1	-	
	pCi/L	0430	WL	08/19/2002	0001	96.00 - 106.00	4.3	F	#	0.1	-	
	pCi/L	0431	WL	09/19/2002	0001	89.00 - 99.00	4.1	FQ	#	0.1	-	
	pCi/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.76	B	F	#	0.1	-
	pCi/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.81	B	F	#	0.1	-
	pCi/L	0434	WL	08/15/2002	0001	75.00 - 85.00	8.1	F	#	0.1	-	
	pCi/L	0435	WL	09/18/2002	0001	171.00 - 181.00	11	F	#	0.5	-	
	pCi/L	0436	WL	09/19/2002	0001	195.00 - 205.00	1	B	F	#	0.5	-
	pCi/L	0437	WL	08/23/2002	0001	160.00 - 160.00	31.5	N	QJ	#	0.5	-
	pCi/L	0437	WL	08/23/2002	0001	188.00 - 188.00	35.6	N	QJ	#	0.5	-
	pCi/L	0437	WL	08/23/2002	0001	130.00 - 130.00	167	N	QJ	#	0.5	-
	pCi/L	0437	WL	08/23/2002	0001	94.00 - 94.00	407	N	QJ	#	0.5	-
	pCi/L	0437	WL	08/24/2002	0001	218.00 - 218.00	30.6	N	QJ	#	0.5	-
	pCi/L	0437	WL	08/24/2002	0001	252.00 - 252.00	93.5	N	QJ	#	0.5	-
	pCi/L	0437	WL	09/26/2002	0001	90.00 - 100.00	1010	F	#	1	-	
	pCi/L	0438	WL	08/20/2002	0001	44.00 - 44.00	1440	N	QJ	#	0.5	-
	pCi/L	0438	WL	08/21/2002	0001	105.00 - 105.00	483	N	QJ	#	0.5	-
	pCi/L	0438	WL	09/17/2002	0001	109.00 - 119.00	617	Q	#	1	-	
	pCi/L	0439	WL	08/08/2002	0001	27.00 - 27.00	5310	N	QJ	#	2.5	-
	pCi/L	0439	WL	08/09/2002	0001	135.00 - 135.00	327	N	QJ	#	0.5	-
	pCi/L	0439	WL	08/09/2002	0001	155.00 - 155.00	283	N	QJ	#	0.5	-
	pCi/L	0439	WL	08/09/2002	0001	165.00 - 165.00	45.8	N	QJ	#	0.5	-
	pCi/L	0439	WL	08/09/2002	0001	120.00 - 120.00	254	N	QJ	#	0.5	-
	pCi/L	0439	WL	08/10/2002	0001	205.00 - 205.00	69.1	N	QJ	#	0.5	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Uranium-238	pCi/L	0439	WL	08/10/2002	0001	235.00 - 235.00	165	N	QJ	#	0.5	-
	pCi/L	0439	WL	08/10/2002	0001	185.00 - 185.00	659	N	QJ	#	0.5	-
	pCi/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.58	BN	QJ	#	0.5	-
	pCi/L	0439	WL	08/11/2002	0001	265.00 - 265.00	12.8	N	QJ	#	0.5	-
	pCi/L	0439	WL	08/12/2002	0001	265.00 - 265.00	1.9	BN	QJ	#	0.5	-
	pCi/L	0439	WL	09/17/2002	0001	110.00 - 120.00	323	Q	#	1	-	-
	pCi/L	0440	WL	09/24/2002	0001	109.00 - 119.00	11.5	QF	#	0.1	-	-
	pCi/L	0442	WL	09/25/2002	0001	61.00 - 66.00	3760	Q	#	2.5	-	-
	pCi/L	0443	WL	09/19/2002	0001	70.00 - 80.00	4.4	F	#	0.1	-	-
	pCi/L	0444	WL	09/18/2002	0001	110.00 - 120.00	3.5	B	F	#	0.5	-
	pCi/L	0444	WL	09/18/2002	0002	110.00 - 120.00	3.1	B	F	#	0.5	-
	pCi/L	0458	WL	09/26/2002	0001	248.50 - 248.50	2.1	Q	#	0.1	-	-
	pCi/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.85	B	Q	#	0.1	-
	pCi/L	0537	BH	09/19/2002	0001	0.00 - 0.00	5900	Q	#	2.5	-	-
	pCi/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	1.8	B	F	#	0.1	-
	pCi/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	1.8	B	F	#	0.1	-
	pCi/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	912	F	#	0.5	-	-
	pCi/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	379	F	#	0.5	-	-
	pCi/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	501	F	#	0.5	-	-
	pCi/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.5	U	F	#	0.5	-
	pCi/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	63.3	F	#	0.1	-	-
	pCi/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	1050	F	#	0.5	-	-
	pCi/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	1.7	B	F	#	0.1	-
	pCi/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	663	FQ	#	0.5	-	-
	pCi/L	MW-3	WL	08/14/2002	0001	- 55.00	1370	F	#	0.5	-	-
	pCi/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	4.7	F	#	0.1	-	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Uranium-238	pCi/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	990	F	#	0.5	-	
	pCi/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	290	F	#	0.1	-	
	pCi/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	720	F	#	0.5	-	
	pCi/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	103	F	#	0.1	-	
	pCi/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	5830	F	#	2.5	-	
	pCi/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	976	F	#	0.5	-	
	pCi/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	962	F	#	0.5	-	
	pCi/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	1320	F	#	0.5	-	
Vanadium	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.354	F	#	0.0003	-	
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0017	B	FQ	#	0.0003	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	7.100	QF	#	0.0003	-	
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0022	B	F	#	0.0003	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.00074	B	FQ	#	0.0003	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.00046	B	F	#	0.0003	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.00051	B	F	#	0.0003	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.0017	B	F	#	0.0015	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0024	B	F	#	0.0015	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.0015	U	F	#	0.0015	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0003	U	F	#	0.0003	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.231	QJ	#	0.0015	-	

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:49 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Vanadium	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0003	U	Q	#	0.0003	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	2.390		QJ	#	0.0015	-
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.0015	U	QJ	#	0.0015	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0008	B	Q	#	0.0003	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.00061	B	QF	#	0.0003	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.270		Q	#	0.0003	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0033	B	F	#	0.0003	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.0022	B	F	#	0.0015	-
	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.0015	U	F	#	0.0015	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.00049	B	Q	#	0.0003	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.00034	B	Q	#	0.0003	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	2.570		Q	#	0.0015	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0014	B	F	#	0.0003	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0014	B	F	#	0.0003	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0114		F	#	0.0003	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0003	U	F	#	0.0003	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:49 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Vanadium	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0003	U	F	#	0.0003	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.0015	U	F	#	0.0015	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.0016	B	F	#	0.0015	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0003	U	F	#	0.0003	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.00063	B	F	#	0.0003	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0984	FQ	#	0.0003	-	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.0003	U	F	#	0.0003	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0158	F	#	0.0003	-	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0033	B	F	#	0.0003	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0016	B	F	#	0.0003	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.139	F	#	0.0003	-	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0013	B	F	#	0.0003	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0003	U	F	#	0.0003	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.0003	U	F	#	0.0003	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.0003	U	F	#	0.0003	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.0003	U	F	#	0.0003	-
Zinc	mg/L	0412	WL	09/17/2002	0001	7.56 - 12.48	0.0008	U	F	#	0.0008	-
	mg/L	0413	WL	09/18/2002	0001	7.48 - 12.40	0.0008	U	FQ	#	0.0008	-
	mg/L	0414	WL	09/18/2002	0001	3.57 - 9.49	0.0008	U	QF	#	0.0008	-
	mg/L	0430	WL	08/19/2002	0001	96.00 - 106.00	0.0008	U	F	#	0.0008	-
	mg/L	0431	WL	09/19/2002	0001	89.00 - 99.00	0.0047	B	UFQ	#	0.0008	-
	mg/L	0432	WL	08/15/2002	0001	50.00 - 60.00	0.0008	U	F	#	0.0008	-
	mg/L	0433	WL	08/20/2002	0001	94.00 - 104.00	0.0008	U	F	#	0.0008	-
	mg/L	0434	WL	08/15/2002	0001	75.00 - 85.00	0.004	U	F	#	0.004	-
	mg/L	0435	WL	09/18/2002	0001	171.00 - 181.00	0.0068	B	F	#	0.004	-
	mg/L	0436	WL	09/19/2002	0001	195.00 - 205.00	0.004	U	F	#	0.004	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:49 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			UN-CERTAINTY	
								LAB	DATA	QA		
Zinc	mg/L	0437	WL	08/23/2002	0001	94.00 - 94.00	0.004	U	QJ	#	0.004	-
	mg/L	0437	WL	08/23/2002	0001	130.00 - 130.00	0.004	U	QJ	#	0.004	-
	mg/L	0437	WL	08/23/2002	0001	160.00 - 160.00	0.004	U	QJ	#	0.004	-
	mg/L	0437	WL	08/23/2002	0001	188.00 - 188.00	0.004	U	QJ	#	0.004	-
	mg/L	0437	WL	08/24/2002	0001	218.00 - 218.00	0.004	U	QJ	#	0.004	-
	mg/L	0437	WL	08/24/2002	0001	252.00 - 252.00	0.004	U	QJ	#	0.004	-
	mg/L	0437	WL	09/26/2002	0001	90.00 - 100.00	0.0064	B	F	#	0.0008	-
	mg/L	0438	WL	08/20/2002	0001	44.00 - 44.00	0.0048	B	QJ	#	0.004	-
	mg/L	0438	WL	08/21/2002	0001	105.00 - 105.00	0.004	U	QJ	#	0.004	-
	mg/L	0438	WL	09/17/2002	0001	109.00 - 119.00	0.0035	B	Q	#	0.0008	-
	mg/L	0439	WL	08/08/2002	0001	27.00 - 27.00	0.427	QJ	#	0.004	-	
	mg/L	0439	WL	08/09/2002	0001	120.00 - 120.00	0.004	U	QJ	#	0.004	-
	mg/L	0439	WL	08/09/2002	0001	135.00 - 135.00	0.004	U	QJ	#	0.004	-
	mg/L	0439	WL	08/09/2002	0001	165.00 - 165.00	0.004	U	QJ	#	0.004	-
	mg/L	0439	WL	08/09/2002	0001	155.00 - 155.00	0.0786	QJ	#	0.004	-	
	mg/L	0439	WL	08/10/2002	0001	185.00 - 185.00	0.004	U	QJ	#	0.004	-
	mg/L	0439	WL	08/10/2002	0001	205.00 - 205.00	0.004	U	QJ	#	0.004	-
	mg/L	0439	WL	08/10/2002	0001	235.00 - 235.00	0.004	U	QJ	#	0.004	-
	mg/L	0439	WL	08/11/2002	0001	266.00 - 266.00	0.004	U	QJ	#	0.004	-
	mg/L	0439	WL	08/11/2002	0001	265.00 - 265.00	0.0187	B	QJ	#	0.004	-
	mg/L	0439	WL	08/12/2002	0001	265.00 - 265.00	0.004	U	QJ	#	0.004	-
	mg/L	0439	WL	09/17/2002	0001	110.00 - 120.00	0.0049	B	Q	#	0.0008	-
	mg/L	0440	WL	09/24/2002	0001	109.00 - 119.00	0.0034	B	UQF	#	0.0008	-
	mg/L	0442	WL	09/25/2002	0001	61.00 - 66.00	0.0052	B	UQ	#	0.0008	-
	mg/L	0443	WL	09/19/2002	0001	70.00 - 80.00	0.0021	B	UF	#	0.0008	-
	mg/L	0444	WL	09/18/2002	0001	110.00 - 120.00	0.004	U	F	#	0.004	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:49 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE:		DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID			LAB	DATA	QA		
Zinc	mg/L	0444	WL	09/18/2002	0002	110.00 - 120.00	0.004	U	F	#	0.004	-
	mg/L	0458	WL	09/26/2002	0001	248.50 - 248.50	0.0458		Q	#	0.0008	-
	mg/L	0459	WL	09/26/2002	0001	292.85 - 292.85	0.003	B	UQ	#	0.0008	-
	mg/L	0537	BH	09/19/2002	0001	0.00 - 0.00	18.200		Q	#	0.004	-
	mg/L	AMM-1	WL	08/14/2002	0001	17.25 - 57.00	0.0008	U	F	#	0.0008	-
	mg/L	AMM-1	WL	08/14/2002	0002	17.25 - 57.00	0.0008	U	F	#	0.0008	-
	mg/L	AMM-2	WL	08/13/2002	0001	10.00 - 49.75	0.0032	B	F	#	0.0008	-
	mg/L	AMM-3	WL	08/13/2002	0001	30.00 - 49.75	0.0008	U	F	#	0.0008	-
	mg/L	AMM-3	WL	08/13/2002	0002	30.00 - 49.75	0.0008	U	F	#	0.0008	-
	mg/L	ATP-1-S	WL	09/25/2002	0001	145.00 - 155.00	0.004	U	F	#	0.004	-
	mg/L	ATP-2-D	WL	08/15/2002	0001	80.00 - 95.00	0.004	U	F	#	0.004	-
	mg/L	ATP-2-S	WL	08/14/2002	0001	29.00 - 39.00	0.0012	B	F	#	0.0008	-
	mg/L	ATP-3	WL	09/25/2002	0001	53.00 - 63.00	0.0071	B	F	#	0.0008	-
	mg/L	MW-1-R	WL	08/13/2002	0001	3.00 - 13.00	0.0022	B	FQ	#	0.0008	-
	mg/L	MW-3	WL	08/14/2002	0001	- 55.00	0.0031	B	F	#	0.0008	-
	mg/L	RW-01	WL	08/19/2002	0001	69.00 - 79.00	0.0008	U	F	#	0.0008	-
	mg/L	SMI-PZ3D2	WL	08/15/2002	0001	75.28 - 80.28	0.0016	B	F	#	0.0008	-
	mg/L	SMI-PZ3M	WL	08/15/2002	0001	54.80 - 59.80	0.0008	U	F	#	0.0008	-
	mg/L	SMI-PZ3S	WL	08/15/2002	0001	21.94 - 26.94	0.0008	U	F	#	0.0008	-
	mg/L	TP-01	WL	08/14/2002	0001	19.00 - 24.00	0.0008	U	F	#	0.0008	-
	mg/L	TP-02	WL	08/14/2002	0001	27.00 - 32.00	0.0008	U	F	#	0.0008	-
	mg/L	TP-07	WL	08/13/2002	0001	24.50 - 29.50	0.0016	B	F	#	0.0008	-
	mg/L	TP-08	WL	08/13/2002	0001	26.50 - 31.50	0.0087	B	F	#	0.0008	-
	mg/L	TP-09	WL	08/13/2002	0001	23.00 - 28.00	0.006	B	F	#	0.0008	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:49 am

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DETECTION DATA	UN-LIMIT QA	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 '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND DATE_SAMPLED between #6/15/2002# and #9/27/2002#

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

LOCATION TYPES: BH BOREHOLE WL WELL

LAB QUALIFIERS:

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

DATA QUALIFIERS:

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

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

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
 REPORT DATE: 12/17/2002 10:51 am

PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		ID	DATE	ID			LAB	DATA	QA		
Alkalinity, Total (As CaCO ₃) mg/L	mg/L	0201	08/13/2002	0001		155			#	-	-
	mg/L	CR1	08/12/2002	0001		149			#	-	-
	mg/L	CR2	08/14/2002	0001		166			#	-	-
	mg/L	CR2-001	08/14/2002	0001		158			#	-	-
	mg/L	CR2B	08/14/2002	0001		474			#	-	-
	mg/L	CR2B-	08/14/2002	0001	001	175			#	-	-
	mg/L	CR3	08/13/2002	0001		137			#	-	-
	mg/L	CR3-001	08/13/2002	0001		294			#	-	-
	mg/L	CR4	08/13/2002	0001		152			#	-	-
	mg/L	CR5	08/13/2002	0001		154			#	-	-
	mg/L	CRA	08/15/2002	0001		165			#	-	-
	mg/L	CRC	08/13/2002	0001		143			#	-	-
Aluminum	mg/L	CRD	08/13/2002	0001		177			#	-	-
	mg/L	CRE	08/13/2002	0001		159			#	-	-
Ammonium	mg/L	0201	08/13/2002	0001		0.0179 B			#	0.0076	-
	mg/L	CR1	08/12/2002	0001		0.0301 B			#	0.0076	-
	mg/L	CR2	08/14/2002	0001		0.0076 U			#	0.0076	-
	mg/L	CR2-001	08/14/2002	0001		0.0076 U			#	0.0076	-
	mg/L	CR2B	08/14/2002	0001		0.0184 B	U		#	0.0076	-
	mg/L	CR2B-	08/14/2002	0001	001	0.0076 U			#	0.0076	-
	mg/L	CR3	08/13/2002	0001		0.0076 U			#	0.0076	-
	mg/L	CR3-001	08/13/2002	0001		0.0076 U			#	0.0076	-
	mg/L	CR4	08/13/2002	0001		0.0076 U			#	0.0076	-
	mg/L	CR5	08/13/2002	0001		0.0076 U			#	0.0076	-
	mg/L	CRA	08/15/2002	0001		0.0197 B			#	0.0076	-
	mg/L	CRA	08/15/2002	0002		0.0076 U			#	0.0076	-
Chloride	mg/L	CRC	08/13/2002	0001		0.0076 U			#	0.0076	-
	mg/L	CRD	08/13/2002	0001		0.0076 U			#	0.0076	-
	mg/L	CRE	08/13/2002	0001		0.0076 U			#	0.0076	-
	mg/L	0201	08/13/2002	0001		0.209			#	0.004	-
	mg/L	0201	08/13/2002	N001		0.213			#	0.004	-
	mg/L	CR1	08/12/2002	0001		0.170			#	0.004	-
	mg/L	CR1	08/12/2002	N001		0.173			#	0.004	-
	mg/L	CR2	08/14/2002	0001		4.380			#	0.004	-
Dissolved Oxygen	mg/L	CR2	08/14/2002	N001		5.970			#	0.004	-
	mg/L	CR2-001	08/14/2002	0001		0.425			#	0.004	-
	mg/L	CR2-001	08/14/2002	N001		0.441			#	0.004	-
	mg/L	0201	08/13/2002	N001		0.441			#	0.004	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 11:34 am

PARAMETER	UNITS	LOCATION	SAMPLE:	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
					ID	DATE	ID		
Ammonium	mg/L	CR2B	08/14/2002 0001	303.000			#	0.004	-
	mg/L	CR2B	08/14/2002 N001	308.000			#	0.004	-
	mg/L	CR2B-	08/14/2002 0001	1.050			#	0.004	-
	mg/L	CR2B-	08/14/2002 001	1.170			#	0.004	-
	mg/L	CR3	08/13/2002 0001	14.600			#	0.004	-
	mg/L	CR3	08/13/2002 N001	14.400			#	0.004	-
	mg/L	CR3-001	08/13/2002 0001	43.000			#	0.004	-
	mg/L	CR3-001	08/13/2002 N001	42.800			#	0.004	-
	mg/L	CR4	08/13/2002 0001	0.938			#	0.004	-
	mg/L	CR4	08/13/2002 N001	0.884			#	0.004	-
	mg/L	CR5	08/13/2002 0001	0.377			#	0.004	-
	mg/L	CR5	08/13/2002 N001	0.399			#	0.004	-
	mg/L	CRA	08/15/2002 0001	0.0886 B			#	0.004	-
	mg/L	CRA	08/15/2002 0002	0.0845 B			#	0.004	-
	mg/L	CRA	08/15/2002 N001	0.0896 B			#	0.004	-
	mg/L	CRA	08/15/2002 N002	0.0885 B			#	0.004	-
	mg/L	CRC	08/13/2002 0001	3.300			#	0.004	-
	mg/L	CRC	08/13/2002 N001	3.130			#	0.004	-
	mg/L	CRD	08/13/2002 0001	0.666			#	0.004	-
	mg/L	CRD	08/13/2002 N001	0.594			#	0.004	-
	mg/L	CRE	08/13/2002 0001	0.226			#	0.004	-
	mg/L	CRE	08/13/2002 N001	0.232			#	0.004	-
Antimony	mg/L	0201	08/13/2002 0001	0.0004 B	U	#	0.0001	-	
	mg/L	CR1	08/12/2002 0001	0.0004 B	U	#	0.0001	-	
	mg/L	CR2	08/14/2002 0001	0.0001 B	U	#	0.0001	-	
	mg/L	CR2-001	08/14/2002 0001	0.0001 U		#	0.0001	-	
	mg/L	CR2B	08/14/2002 0001	0.0022 B	U	#	0.0001	-	
	mg/L	CR2B-	08/14/2002 0001	0.0004 B	U	#	0.0001	-	
	mg/L	CR3	08/13/2002 0001	0.0014 B	U	#	0.0001	-	
	mg/L	CR3-001	08/13/2002 0001	0.0001 B	U	#	0.0001	-	
	mg/L	CR4	08/13/2002 0001	0.0002 B	U	#	0.0001	-	
	mg/L	CR5	08/13/2002 0001	0.0004 B	U	#	0.0001	-	
	mg/L	CRA	08/15/2002 0001	0.0001 U		#	0.0001	-	
	mg/L	CRA	08/15/2002 0002	0.0004 B	U	#	0.0001	-	
	mg/L	CRC	08/13/2002 0001	0.0001 B	U	#	0.0001	-	
	mg/L	CRD	08/13/2002 0001	0.0003 B	U	#	0.0001	-	
	mg/L	CRE	08/13/2002 0001	0.0007 B	U	#	0.0001	-	

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION			SAMPLE: ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	DATE	LAB			DATA	QA			
Arsenic	mg/L	0201	08/13/2002	0001		0.0013 B		#	0.0001	-	
	mg/L	CR1	08/12/2002	0001		0.0013 B		#	0.0001	-	
	mg/L	CR2	08/14/2002	0001		0.0012 B		#	0.0001	-	
	mg/L	CR2-001	08/14/2002	0001		0.0013 B		#	0.0001	-	
	mg/L	CR2B	08/14/2002	0001		0.0006 B		#	0.0001	-	
	mg/L	CR2B-	08/14/2002	0001	001	0.0013 B		#	0.0001	-	
	mg/L	CR3	08/13/2002	0001		0.0014 B		#	0.0001	-	
	mg/L	CR3-001	08/13/2002	0001		0.0021 B		#	0.0001	-	
	mg/L	CR4	08/13/2002	0001		0.0014 B		#	0.0001	-	
	mg/L	CR5	08/13/2002	0001		0.0014 B		#	0.0001	-	
	mg/L	CRA	08/15/2002	0001		0.0013 B		#	0.0001	-	
	mg/L	CRA	08/15/2002	0002		0.0013 B		#	0.0001	-	
	mg/L	CRC	08/13/2002	0001		0.0014 B		#	0.0001	-	
	mg/L	CRD	08/13/2002	0001		0.0014 B		#	0.0001	-	
	mg/L	CRE	08/13/2002	0001		0.0014 B		#	0.0001	-	
Barium	mg/L	0201	08/13/2002	0001		0.124		#	0.0005	-	
	mg/L	CR1	08/12/2002	0001		0.140		#	0.0005	-	
	mg/L	CR2	08/14/2002	0001		0.0898 B		#	0.0005	-	
	mg/L	CR2-001	08/14/2002	0001		0.0972 B		#	0.0005	-	
	mg/L	CR2B	08/14/2002	0001		0.182		#	0.0005	-	
	mg/L	CR2B-	08/14/2002	0001	001	0.104		#	0.0005	-	
	mg/L	CR3	08/13/2002	0001		0.103		#	0.0005	-	
	mg/L	CR3-001	08/13/2002	0001		0.119		#	0.0005	-	
	mg/L	CR4	08/13/2002	0001		0.113		#	0.0005	-	
	mg/L	CR5	08/13/2002	0001		0.121		#	0.0005	-	
	mg/L	CRA	08/15/2002	0001		0.0875 B		#	0.0005	-	
	mg/L	CRA	08/15/2002	0002		0.0887 B		#	0.0005	-	
	mg/L	CRC	08/13/2002	0001		0.116		#	0.0005	-	
	mg/L	CRD	08/13/2002	0001		0.112		#	0.0005	-	
	mg/L	CRE	08/13/2002	0001		0.121		#	0.0005	-	
Boron	mg/L	0201	08/13/2002	0001		0.116		#	0.0021	-	
	mg/L	0201	08/13/2002	N001		0.108 B		#	0.00233	-	
	mg/L	CR1	08/12/2002	0001		0.123		#	0.0021	-	
	mg/L	CR1	08/12/2002	N001		0.0803 B		#	0.00233	-	
	mg/L	CR2	08/14/2002	0001		0.104		#	0.0021	-	
	mg/L	CR2	08/14/2002	N001		0.107 B		#	0.00233	-	
	mg/L	CR2-001	08/14/2002	0001		0.096 B		#	0.0021	-	

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	SAMPLE DATE	ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
						LAB	DATA	QA		
Boron	mg/L	CR2-001	08/14/2002	N001	0.0942	B		#	0.00233	-
	mg/L	CR2B	08/14/2002	0001	0.358			#	0.0021	-
	mg/L	CR2B	08/14/2002	N001	0.317	E	U	#	0.00233	-
	mg/L	CR2B-001	08/14/2002	0001	0.112		U	#	0.0021	-
	mg/L	CR2B-001	08/14/2002	N001	0.106	BE	U	#	0.00233	-
	mg/L	CR3	08/13/2002	0001	0.141			#	0.0021	-
	mg/L	CR3	08/13/2002	N001	0.127	E	U	#	0.00233	-
	mg/L	CR3-001	08/13/2002	0001	0.666			#	0.0021	-
	mg/L	CR3-001	08/13/2002	N001	0.328	E	U	#	0.00233	-
	mg/L	CR4	08/13/2002	0001	0.118			#	0.0021	-
	mg/L	CR4	08/13/2002	N001	0.107	B		#	0.00233	-
	mg/L	CR5	08/13/2002	0001	0.116			#	0.0021	-
	mg/L	CR5	08/13/2002	N001	0.105	B		#	0.00233	-
	mg/L	CRA	08/15/2002	0001	0.0952	B		#	0.0021	-
	mg/L	CRA	08/15/2002	0002	0.0975	B		#	0.0021	-
	mg/L	CRA	08/15/2002	N001	0.109	B		#	0.00233	-
	mg/L	CRA	08/15/2002	N002	0.0912	B		#	0.00233	-
	mg/L	CRC	08/13/2002	0001	0.128			#	0.0021	-
	mg/L	CRC	08/13/2002	N001	0.107	B		#	0.00233	-
	mg/L	CRD	08/13/2002	0001	0.124			#	0.0021	-
	mg/L	CRD	08/13/2002	N001	0.110	B		#	0.00233	-
	mg/L	CRE	08/13/2002	0001	0.116			#	0.0021	-
	mg/L	CRE	08/13/2002	N001	0.111	B		#	0.00233	-
Cadmium	mg/L	0201	08/13/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CR1	08/12/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CR2	08/14/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CR2-001	08/14/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CR2B	08/14/2002	0001	0.0018			#	0.0001	-
	mg/L	CR2B-001	08/14/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CR3	08/13/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CR3-001	08/13/2002	0001	0.0005	B	U	#	0.0001	-
	mg/L	CR4	08/13/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CR5	08/13/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CRA	08/15/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CRA	08/15/2002	0002	0.0002	B	U	#	0.0001	-
	mg/L	CRC	08/13/2002	0001	0.0002	B	U	#	0.0001	-
	mg/L	CRD	08/13/2002	0001	0.0002	B	U	#	0.0001	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UNCERTAINTY
		ID	DATE	ID			LAB	DATA	QA		
Cadmium	mg/L	CRE	08/13/2002	0001		0.0002 B	U	#	0.0001	-	
Calcium	mg/L	0201	08/13/2002	0001		141.000		#	0.0533	-	
	mg/L	CR1	08/12/2002	0001		141.000		#	0.0533	-	
	mg/L	CR2	08/14/2002	0001		145.000		#	0.0533	-	
	mg/L	CR2-001	08/14/2002	0001		142.000		#	0.0533	-	
	mg/L	CR2B	08/14/2002	0001		392.000		#	0.0533	-	
	mg/L	CR2B-	08/14/2002	0001	001	141.000		#	0.0533	-	
	mg/L	CR3	08/13/2002	0001		142.000		#	0.0533	-	
	mg/L	CR3-001	08/13/2002	0001		399.000		#	0.0533	-	
	mg/L	CR4	08/13/2002	0001		141.000		#	0.0533	-	
	mg/L	CR5	08/13/2002	0001		142.000		#	0.0533	-	
	mg/L	CRA	08/15/2002	0001		133.000		#	0.0533	-	
	mg/L	CRA	08/15/2002	0002		137.000		#	0.0533	-	
	mg/L	CRC	08/13/2002	0001		146.000		#	0.0533	-	
	mg/L	CRD	08/13/2002	0001		140.000		#	0.0533	-	
	mg/L	CRE	08/13/2002	0001		142.000		#	0.0533	-	
Chloride	mg/L	0201	08/13/2002	0001		130.000		#	0.401	-	
	mg/L	0201	08/13/2002	N001		129.000		#	0.401	-	
	mg/L	CR1	08/12/2002	0001		112.000		#	0.401	-	
	mg/L	CR1	08/12/2002	N001		114.000		#	0.401	-	
	mg/L	CR2	08/14/2002	0001		138.000		#	0.401	-	
	mg/L	CR2	08/14/2002	N001		142.000		#	0.401	-	
	mg/L	CR2-001	08/14/2002	0001		120.000		#	0.401	-	
	mg/L	CR2-001	08/14/2002	N001		122.000		#	0.401	-	
	mg/L	CR2B	08/14/2002	0001		955.000		#	0.401	-	
	mg/L	CR2B	08/14/2002	N001		935.000		#	0.401	-	
	mg/L	CR2B-	08/14/2002	0001	001	122.000		#	0.401	-	
	mg/L	CR2B-	08/14/2002	N001	001	119.000		#	0.401	-	
	mg/L	CR3	08/13/2002	0001		450.000		#	0.802	-	
	mg/L	CR3	08/13/2002	N001		466.000		#	0.802	-	
	mg/L	CR3-001	08/13/2002	0001		7990.000		#	4.01	-	
	mg/L	CR3-001	08/13/2002	N001		2510.000		#	4.01	-	
	mg/L	CR4	08/13/2002	0001		216.000		#	0.401	-	
	mg/L	CR4	08/13/2002	N001		210.000		#	0.401	-	
	mg/L	CR5	08/13/2002	0001		158.000		#	0.401	-	
	mg/L	CR5	08/13/2002	N001		155.000		#	0.401	-	

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION			SAMPLE: ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	DATE	LAB			DATA	QA			
Chloride	mg/L	CRA	08/15/2002	0001	124.000		#		0.401	-	
	mg/L	CRA	08/15/2002	0002	126.000		#		0.401	-	
	mg/L	CRA	08/15/2002	N001	123.000		#		0.401	-	
	mg/L	CRA	08/15/2002	N002	123.000		#		0.401	-	
	mg/L	CRC	08/13/2002	0001	293.000		#		0.401	-	
	mg/L	CRC	08/13/2002	N001	349.000		#		0.401	-	
	mg/L	CRD	08/13/2002	0001	187.000		#		0.401	-	
	mg/L	CRD	08/13/2002	N001	189.000		#		0.401	-	
	mg/L	CRE	08/13/2002	0001	135.000		#		0.401	-	
	mg/L	CRE	08/13/2002	N001	132.000		#		0.401	-	
Chromium	mg/L	0201	08/13/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR1	08/12/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR2	08/14/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR2-001	08/14/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR2B	08/14/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR2B-	08/14/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR3	08/13/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR3-001	08/13/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR4	08/13/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CR5	08/13/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CRA	08/15/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CRA	08/15/2002	0002	0.0005 U		#		0.0005	-	
	mg/L	CRC	08/13/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CRD	08/13/2002	0001	0.0005 U		#		0.0005	-	
	mg/L	CRE	08/13/2002	0001	0.0005 U		#		0.0005	-	
Cobalt	mg/L	0201	08/13/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CR1	08/12/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CR2	08/14/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CR2-001	08/14/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CR2B	08/14/2002	0001	0.0113 B		#		0.0013	-	
	mg/L	CR2B-	08/14/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CR3	08/13/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CR3-001	08/13/2002	0001	0.0027 B		#		0.0013	-	
	mg/L	CR4	08/13/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CR5	08/13/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CRA	08/15/2002	0001	0.0013 U		#		0.0013	-	
	mg/L	CRA	08/15/2002	0002	0.0013 U		#		0.0013	-	

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	SAMPLE DATE	ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
						LAB	DATA	QA		
Cobalt	mg/L	CRC	08/13/2002	0001	0.0013 U		#		0.0013	-
	mg/L	CRD	08/13/2002	0001	0.0013 U		#		0.0013	-
	mg/L	CRE	08/13/2002	0001	0.0013 U		#		0.0013	-
Copper	mg/L	0201	08/13/2002	0001	0.0004 U		#		0.0004	-
	mg/L	CR1	08/12/2002	0001	0.0007 B	U	#		0.0004	-
	mg/L	CR2	08/14/2002	0001	0.0006 B		#		0.0004	-
	mg/L	CR2-001	08/14/2002	0001	0.0004 B		#		0.0004	-
	mg/L	CR2B	08/14/2002	0001	0.0012 B		#		0.0004	-
	mg/L	CR2B-	08/14/2002	0001	0.0008 B		#		0.0004	-
	mg/L	CR3	08/13/2002	0001	0.0007 B		#		0.0004	-
	mg/L	CR3-001	08/13/2002	0001	0.0004 U		#		0.0004	-
	mg/L	CR4	08/13/2002	0001	0.0006 B		#		0.0004	-
	mg/L	CR5	08/13/2002	0001	0.0005 B		#		0.0004	-
	mg/L	CRA	08/15/2002	0001	0.0005 B		#		0.0004	-
	mg/L	CRA	08/15/2002	0002	0.0007 B		#		0.0004	-
Dissolved Oxygen	mg/L	CRC	08/13/2002	N001	0.0004 U		#		0.0004	-
	mg/L	CRD	08/13/2002	0001	0.001 B		#		0.0004	-
	mg/L	CRE	08/13/2002	0001	0.0004 B		#		0.0004	-
	mg/L	0201	08/13/2002	N001	6.38		#		-	-
	mg/L	CR1	08/12/2002	N001	6.77		#		-	-
	mg/L	CR2	08/14/2002	N001	4.98		#		-	-
	mg/L	CR2-001	08/14/2002	N001	10.55		#		-	-
	mg/L	CR2B	08/14/2002	N001	7.68		#		-	-
	mg/L	CR2B-	08/14/2002	N001	8.18		#		-	-
	mg/L	CR3	08/13/2002	N001	12.89		#		-	-
Fluoride	mg/L	CR3-001	08/13/2002	N001	12.19		#		-	-
	mg/L	CR5	08/13/2002	N001	6.85		#		-	-
	mg/L	CRC	08/13/2002	N001	12.04		#		-	-
	mg/L	CRD	08/13/2002	N001	11.57		#		-	-
	mg/L	CRE	08/13/2002	N001	6.38		#		-	-
	mg/L	0201	08/13/2002	0001	1.440		#		0.0251	-
	mg/L	CR1	08/12/2002	0001	0.504		#		0.0251	-
	mg/L	CR2	08/14/2002	0001	0.329		#		0.0251	-
	mg/L	CR2-001	08/14/2002	0001	0.412		#		0.0251	-
	mg/L	CR2B	08/14/2002	0001	2.040		#		0.251	-
	mg/L	CR2B-	08/14/2002	0001	0.467		#		0.0251	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION ID	SAMPLE DATE	ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
						LAB	DATA	QA		
Fluoride	mg/L	CR3	08/13/2002	0001	0.521			#	0.0502	-
	mg/L	CR3-001	08/13/2002	0001	1.420			#	0.251	-
	mg/L	CR4	08/13/2002	0001	0.472			#	0.0251	-
	mg/L	CR5	08/13/2002	0001	0.531			#	0.0251	-
	mg/L	CRA	08/15/2002	0001	0.360			#	0.0251	-
	mg/L	CRA	08/15/2002	0002	0.415			#	0.0251	-
	mg/L	CRC	08/13/2002	0001	0.460			#	0.0251	-
	mg/L	CRD	08/13/2002	0001	0.498			#	0.0251	-
	mg/L	CRE	08/13/2002	0001	0.540			#	0.0251	-
Gross Alpha	pCi/L	0201	08/13/2002	0001	12.06	U		#	12.06	± 6.65
	pCi/L	0201	08/13/2002	N001	12.59	U		#	12.59	± 7.53
	pCi/L	CR1	08/12/2002	0001	11.88	U		#	11.88	± 7.56
	pCi/L	CR1	08/12/2002	N001	13.82			#	12.42	± 8.49
	pCi/L	CR2	08/14/2002	0001	24.53			#	13.17	± 10.1
	pCi/L	CR2	08/14/2002	N001	41.12			#	13.03	± 11.8
	pCi/L	CR2-001	08/14/2002	0001	20.69			#	12.04	± 9.12
	pCi/L	CR2-001	08/14/2002	N001	19.89			#	12.64	± 9.36
	pCi/L	CR2B	08/14/2002	0001	665.45			#	110.49	± 127.
	pCi/L	CR2B	08/14/2002	N001	637.13			#	108.42	± 123.
	pCi/L	CR2B-	08/14/2002	0001	11.99	U		#	11.99	± 7.72
	pCi/L	CR2B-	08/14/2002	N001	23.62			#	14.6	± 10.8
	pCi/L	CR3	08/13/2002	0001	40.58			#	18.42	± 14.9
	pCi/L	CR3	08/13/2002	N001	27.65			#	18.72	± 13.6
	pCi/L	CR3-001	08/13/2002	0001	390.48			#	170.84	± 140.
	pCi/L	CR3-001	08/13/2002	N001	225.54			#	125.67	± 96.2
	pCi/L	CR4	08/13/2002	0001	12.87	U		#	12.87	± 8.29
	pCi/L	CR4	08/13/2002	N001	15.27	U		#	15.27	± 9.82
	pCi/L	CR5	08/13/2002	0001	12.37	U		#	12.37	± 7.73
	pCi/L	CR5	08/13/2002	N001	12.82	U		#	12.82	± 8.07
	pCi/L	CRA	08/15/2002	0001	32.74			#	12.11	± 10.4
	pCi/L	CRA	08/15/2002	0002	38.5			#	12.07	± 11.0
	pCi/L	CRA	08/15/2002	N001	7.82	U		#	7.82	± 4.80
	pCi/L	CRA	08/15/2002	N002	38			#	12.31	± 11.0
	pCi/L	CRC	08/13/2002	0001	16.72			#	13.74	± 9.58
	pCi/L	CRC	08/13/2002	N001	15.79	U		#	15.79	± 10.2
	pCi/L	CRD	08/13/2002	0001	12.54	U		#	12.54	± 7.91
	pCi/L	CRD	08/13/2002	N001	34.13			#	21.88	± 16.1

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION	SAMPLE:			RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
			ID	DATE	ID		LAB	DATA	QA		
Gross Alpha	pCi/L	CRE	08/13/2002	0001		12.02	U		#	12.02	± 7.58
	pCi/L	CRE	08/13/2002	N001		12.57	U		#	12.57	± 8.39
Gross Beta	pCi/L	0201	08/13/2002	0001		12.77	U		#	12.77	± 7.33
	pCi/L	0201	08/13/2002	N001		12.82	U		#	12.82	± 7.91
	pCi/L	CR1	08/12/2002	0001		12.8	U		#	12.8	± 7.80
	pCi/L	CR1	08/12/2002	N001		13.78			#	12.85	± 8.04
	pCi/L	CR2	08/14/2002	0001		23.06			#	12.94	± 8.53
	pCi/L	CR2	08/14/2002	N001		13.03	U		#	13.03	± 7.95
	pCi/L	CR2-001	08/14/2002	0001		12.88	U		#	12.88	± 7.57
	pCi/L	CR2-001	08/14/2002	N001		12.9	U		#	12.9	± 7.81
	pCi/L	CR2B	08/14/2002	0001		166.4			#	131.2	± 83.1
	pCi/L	CR2B	08/14/2002	N001		192.93			#	131	± 84.3
Iron	pCi/L	CR2B-001	08/14/2002	0001		12.81	U		#	12.81	± 7.56
	pCi/L	CR2B-001	08/14/2002	N001		16.07	U		#	16.07	± 9.76
	pCi/L	CR3	08/13/2002	0001		18.51	U		#	18.51	± 11.3
	pCi/L	CR3	08/13/2002	N001		18.45	U		#	18.45	± 11.4
	pCi/L	CR3-001	08/13/2002	0001		185.23			#	162.51	± 102.
	pCi/L	CR3-001	08/13/2002	N001		129.09	U		#	129.09	± 79.6
	pCi/L	CR4	08/13/2002	0001		12.86	U		#	12.86	± 7.51
	pCi/L	CR4	08/13/2002	N001		16.03	U		#	16.03	± 9.72
	pCi/L	CR5	08/13/2002	0001		12.82	U		#	12.82	± 7.69
	pCi/L	CR5	08/13/2002	N001		12.85	U		#	12.85	± 7.97
pCi/L	CRA	08/15/2002	0001			12.95	U		#	12.95	± 7.88
	CRA	08/15/2002	0002			14.17			#	12.98	± 8.12
	CRA	08/15/2002	N001			12.6	U		#	12.6	± 7.20
	CRA	08/15/2002	N002			19.07			#	12.98	± 8.36
	CRC	08/13/2002	0001			12.93	U		#	12.93	± 7.67
pCi/L	CRC	08/13/2002	N001			16.06	U		#	16.06	± 9.45
	CRD	08/13/2002	0001			12.83	U		#	12.83	± 7.76
	CRD	08/13/2002	N001			27.14			#	21.53	± 13.6
	CRE	08/13/2002	0001			12.81	U		#	12.81	± 7.60
	CRE	08/13/2002	N001			12.85	U		#	12.85	± 7.76
mg/L	0201	08/13/2002	0001			0.0078	B		#	0.004	-
	0201	08/13/2002	N001			3.810			#	0.00444	-
	CR1	08/12/2002	0001			0.010	B		#	0.004	-
	CR1	08/12/2002	N001			4.170			#	0.00444	-
	CR2	08/14/2002	0001			0.0065	B		#	0.004	-

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PARAMETER	UNITS	LOCATION		SAMPLE ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		ID	DATE			LAB	DATA	QA		
Iron	mg/L	CR2	08/14/2002	N001	2.310		#	0.00444	-	
	mg/L	CR2-001	08/14/2002	0001	0.0045 B		#	0.004	-	
	mg/L	CR2-001	08/14/2002	N001	2.270		#	0.00444	-	
	mg/L	CR2B	08/14/2002	0001	0.0401		#	0.004	-	
	mg/L	CR2B	08/14/2002	N001	2.020		#	0.00444	-	
	mg/L	CR2B-	08/14/2002	0001	0.0055 B		#	0.004	-	
	mg/L	CR2B-	08/14/2002	001	3.350		#	0.00444	-	
	mg/L	CR3	08/13/2002	0001	0.010 B		#	0.004	-	
	mg/L	CR3	08/13/2002	N001	0.750		#	0.00444	-	
	mg/L	CR3-001	08/13/2002	0001	3.080		#	0.004	-	
	mg/L	CR3-001	08/13/2002	N001	5.530		#	0.00444	-	
	mg/L	CR4	08/13/2002	0001	0.0062 B		#	0.004	-	
	mg/L	CR4	08/13/2002	N001	1.580		#	0.00444	-	
	mg/L	CR5	08/13/2002	0001	0.0074 B		#	0.004	-	
	mg/L	CR5	08/13/2002	N001	3.800		#	0.00444	-	
	mg/L	CRA	08/15/2002	0001	0.0094 B		#	0.004	-	
	mg/L	CRA	08/15/2002	0002	0.004 U		#	0.004	-	
	mg/L	CRA	08/15/2002	N001	2.470		#	0.00444	-	
	mg/L	CRA	08/15/2002	N002	1.600		#	0.00444	-	
	mg/L	CRC	08/13/2002	0001	0.0064 B		#	0.004	-	
	mg/L	CRC	08/13/2002	N001	0.967		#	0.00444	-	
	mg/L	CRD	08/13/2002	0001	0.0059 B		#	0.004	-	
	mg/L	CRD	08/13/2002	N001	7.230		#	0.00444	-	
	mg/L	CRE	08/13/2002	0001	0.0052 B		#	0.004	-	
	mg/L	CRE	08/13/2002	N001	3.560		#	0.00444	-	
Lead	mg/L	0201	08/13/2002	0001	0.0008 B	U	#	0.0001	-	
	mg/L	CR1	08/12/2002	0001	0.0008 B	U	#	0.0001	-	
	mg/L	CR2	08/14/2002	0001	0.0007 B	U	#	0.0001	-	
	mg/L	CR2-001	08/14/2002	0001	0.0007 B	U	#	0.0001	-	
	mg/L	CR2B	08/14/2002	0001	0.0008 B	U	#	0.0001	-	
	mg/L	CR2B-	08/14/2002	0001	0.0007 B	U	#	0.0001	-	
	mg/L	CR3	08/13/2002	0001	0.0008 B	U	#	0.0001	-	
	mg/L	CR3-001	08/13/2002	0001	0.0007 B	U	#	0.0001	-	
	mg/L	CR4	08/13/2002	0001	0.0007 B	U	#	0.0001	-	
	mg/L	CR5	08/13/2002	0001	0.0007 B	U	#	0.0001	-	
	mg/L	CRA	08/15/2002	0001	0.0008 B	U	#	0.0001	-	
	mg/L	CRA	08/15/2002	0002	0.0007 B	U	#	0.0001	-	

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PARAMETER	UNITS	LOCATION ID	SAMPLE DATE	ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
						LAB	DATA	QA		
Lead	mg/L	CRC	08/13/2002	0001	0.0007	B	U	#	0.0001	-
	mg/L	CRD	08/13/2002	0001	0.0008	B	U	#	0.0001	-
	mg/L	CRE	08/13/2002	0001	0.0008	B	U	#	0.0001	-
Lead-210	pCi/L	0201	08/13/2002	0001	1.3	U		#	1.3	± 0.68
	pCi/L	CR1	08/12/2002	0001	1.25	U		#	1.25	± 0.65
	pCi/L	CR2	08/14/2002	0001	1.17	U		#	1.17	± 0.63
	pCi/L	CR2-001	08/14/2002	0001	1.15	U		#	1.15	± 0.61
	pCi/L	CR2B	08/14/2002	0001	1.31	U		#	1.31	± 0.69
	pCi/L	CR2B-001	08/14/2002	0001	1.17	U		#	1.17	± 0.63
	pCi/L	CR3	08/13/2002	0001	1.19	U		#	1.19	± 0.62
	pCi/L	CR3-001	08/13/2002	0001	1.28	U		#	1.28	± 0.68
	pCi/L	CR4	08/13/2002	0001	1.25	U		#	1.25	± 0.65
	pCi/L	CR5	08/13/2002	0001	1.19	U		#	1.19	± 0.64
	pCi/L	CRA	08/15/2002	0001	1.29	U		#	1.29	± 0.69
	pCi/L	CRA	08/15/2002	0002	1.16	U		#	1.16	± 0.63
	pCi/L	CRC	08/13/2002	0001	1.22	U		#	1.22	± 0.65
	pCi/L	CRD	08/13/2002	0001	1.27	U		#	1.27	± 0.68
	pCi/L	CRE	08/13/2002	0001	1.24	U		#	1.24	± 0.65
Lithium	mg/L	0201	08/13/2002	0001	0.0548			#	0.0003	-
	mg/L	CR1	08/12/2002	0001	0.0557			#	0.0003	-
	mg/L	CR2	08/14/2002	0001	0.066			#	0.0003	-
	mg/L	CR2-001	08/14/2002	0001	0.0602			#	0.0003	-
	mg/L	CR2B	08/14/2002	0001	0.310			#	0.0003	-
	mg/L	CR2B-001	08/14/2002	0001	0.0585			#	0.0003	-
	mg/L	CR3	08/13/2002	0001	0.0671			#	0.0003	-
	mg/L	CR3-001	08/13/2002	0001	0.200			#	0.0003	-
	mg/L	CR4	08/13/2002	0001	0.0552			#	0.0003	-
	mg/L	CR5	08/13/2002	0001	0.0571			#	0.0003	-
	mg/L	CRA	08/15/2002	0001	0.0581			#	0.0003	-
	mg/L	CRA	08/15/2002	0002	0.0613			#	0.0003	-
	mg/L	CRC	08/13/2002	0001	0.059			#	0.0003	-
	mg/L	CRD	08/13/2002	0001	0.056			#	0.0003	-
	mg/L	CRE	08/13/2002	0001	0.0554			#	0.0003	-
Magnesium	mg/L	0201	08/13/2002	0001	43.100			#	0.0088	-
	mg/L	CR1	08/12/2002	0001	41.700			#	0.0088	-
	mg/L	CR2	08/14/2002	0001	48.200	E	J	#	0.0088	-
	mg/L	CR2-001	08/14/2002	0001	42.800	E	J	#	0.0088	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		ID	DATE	ID			LAB	DATA	QA		
Magnesium	mg/L	CR2B	08/14/2002	0001		387.000		#		0.0088	-
	mg/L	CR2B-001	08/14/2002	0001		43.000		#		0.0088	-
	mg/L	CR3	08/13/2002	0001		60.400		#		0.0088	-
	mg/L	CR3-001	08/13/2002	0001		305.000		#		0.0088	-
	mg/L	CR4	08/13/2002	0001		44.900		#		0.0088	-
	mg/L	CR5	08/13/2002	0001		43.100		#		0.0088	-
	mg/L	CRA	08/15/2002	0001	E	45.500	J	#		0.0088	-
	mg/L	CRA	08/15/2002	0002	E	43.300	J	#		0.0088	-
	mg/L	CRC	08/13/2002	0001		51.000		#		0.0088	-
	mg/L	CRD	08/13/2002	0001		44.000		#		0.0088	-
	mg/L	CRE	08/13/2002	0001		42.900		#		0.0088	-
Manganese	mg/L	0201	08/13/2002	0001		0.021		#		0.0001	-
	mg/L	0201	08/13/2002	N001		0.0838		#		0.00011	-
	mg/L	CR1	08/12/2002	0001		0.0093	B	#		0.0001	-
	mg/L	CR1	08/12/2002	N001		0.076		#		0.00011	-
	mg/L	CR2	08/14/2002	0001		0.0505		#		0.0001	-
	mg/L	CR2	08/14/2002	N001		0.0981		#		0.00011	-
	mg/L	CR2-001	08/14/2002	0001		0.0221		#		0.0001	-
	mg/L	CR2-001	08/14/2002	N001		0.0472		#		0.00011	-
	mg/L	CR2B	08/14/2002	0001		11.500		#		0.0001	-
	mg/L	CR2B	08/14/2002	N001		12.000		#		0.00011	-
	mg/L	CR2B-001	08/14/2002	0001		0.0216		#		0.0001	-
	mg/L	CR2B-001	08/14/2002	N001		0.0992		#		0.00011	-
	mg/L	CR3	08/13/2002	0001		0.125		#		0.0001	-
	mg/L	CR3	08/13/2002	N001		0.150		#		0.00011	-
	mg/L	CR3-001	08/13/2002	0001		1.590		#		0.0001	-
	mg/L	CR3-001	08/13/2002	N001		1.030		#		0.00011	-
	mg/L	CR4	08/13/2002	0001		0.0316		#		0.0001	-
	mg/L	CR4	08/13/2002	N001		0.0797		#		0.00011	-
	mg/L	CR5	08/13/2002	0001		0.0204		#		0.0001	-
	mg/L	CR5	08/13/2002	N001		0.0914		#		0.00011	-
	mg/L	CRA	08/15/2002	0001		0.0122		#		0.0001	-
	mg/L	CRA	08/15/2002	0002		0.0105		#		0.0001	-
	mg/L	CRA	08/15/2002	N001		0.0662		#		0.00011	-
	mg/L	CRA	08/15/2002	N002		0.0362		#		0.00011	-
	mg/L	CRC	08/13/2002	0001		0.0656		#		0.0001	-
	mg/L	CRC	08/13/2002	N001		0.0813		#		0.00011	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		ID	DATE	ID			LAB	DATA	QA		
Manganese	mg/L	CRD	08/13/2002	0001		0.0266			#	0.0001	-
	mg/L	CRD	08/13/2002	N001		0.383			#	0.00011	-
	mg/L	CRE	08/13/2002	0001		0.0105			#	0.0001	-
	mg/L	CRE	08/13/2002	N001		0.0851			#	0.00011	-
Molybdenum	mg/L	0201	08/13/2002	0001		0.0057 B			#	0.0018	-
	mg/L	0201	08/13/2002	N001		0.0073 B			#	0.002	-
	mg/L	CR1	08/12/2002	0001		0.0094 B			#	0.0018	-
	mg/L	CR1	08/12/2002	N001		0.0076 B			#	0.002	-
	mg/L	CR2	08/14/2002	0001		0.0194			#	0.0018	-
	mg/L	CR2	08/14/2002	N001		0.0289			#	0.002	-
	mg/L	CR2-001	08/14/2002	0001		0.0095 B			#	0.0018	-
	mg/L	CR2-001	08/14/2002	N001		0.0091 B			#	0.002	-
	mg/L	CR2B	08/14/2002	0001		0.594			#	0.0018	-
	mg/L	CR2B	08/14/2002	N001		0.639			#	0.002	-
	mg/L	CR2B-	08/14/2002	0001	001	0.0093 B			#	0.0018	-
	mg/L	CR2B-	08/14/2002	N001	001	0.008 B			#	0.002	-
	mg/L	CR3	08/13/2002	0001		0.011			#	0.0018	-
	mg/L	CR3	08/13/2002	N001		0.0115			#	0.002	-
	mg/L	CR3-001	08/13/2002	0001		0.102			#	0.0018	-
	mg/L	CR3-001	08/13/2002	N001		0.0415			#	0.002	-
	mg/L	CR4	08/13/2002	0001		0.009 B			#	0.0018	-
	mg/L	CR4	08/13/2002	N001		0.0201			#	0.002	-
	mg/L	CR5	08/13/2002	0001		0.0078 B			#	0.0018	-
	mg/L	CR5	08/13/2002	N001		0.0066 B			#	0.002	-
	mg/L	CRA	08/15/2002	0001		0.0108			#	0.0018	-
	mg/L	CRA	08/15/2002	0002		0.011			#	0.0018	-
	mg/L	CRA	08/15/2002	N001		0.0072 B			#	0.002	-
	mg/L	CRA	08/15/2002	N002		0.0109 B			#	0.002	-
	mg/L	CRC	08/13/2002	0001		0.0094 B			#	0.0018	-
	mg/L	CRC	08/13/2002	N001		0.0084 B			#	0.002	-
	mg/L	CRD	08/13/2002	0001		0.0088 B			#	0.0018	-
	mg/L	CRD	08/13/2002	N001		0.0038 B			#	0.002	-
	mg/L	CRE	08/13/2002	0001		0.0074 B			#	0.0018	-
	mg/L	CRE	08/13/2002	N001		0.0059 B			#	0.002	-
Nitrate as NO ₃	mg/L	0201	08/13/2002	0001		5.350			#	0.02	-
	mg/L	0201	08/13/2002	N001		5.400			#	0.02	-
	mg/L	CR1	08/12/2002	0001		5.400			#	0.02	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION			SAMPLE: ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	DATE	LAB			DATA	QA			
Nitrate as NO ₃	mg/L	CR1	08/12/2002	N001	5.510		#		0.02	-	
	mg/L	CR2	08/14/2002	0001	12.500		#		0.02	-	
	mg/L	CR2	08/14/2002	N001	11.100		#		0.02	-	
	mg/L	CR2-001	08/14/2002	0001	5.550		#		0.02	-	
	mg/L	CR2-001	08/14/2002	N001	5.680		#		0.02	-	
	mg/L	CR2B	08/14/2002	0001	20.800		#		0.02	-	
	mg/L	CR2B	08/14/2002	N001	21.700		#		0.02	-	
	mg/L	CR2B-	08/14/2002	0001	5.720		#		0.02	-	
	mg/L	CR2B-	08/14/2002	N001	5.680		#		0.02	-	
	mg/L	CR3	08/13/2002	0001	7.480		#		0.02	-	
	mg/L	CR3	08/13/2002	N001	7.600		#		0.02	-	
	mg/L	CR3-001	08/13/2002	0001	13.000		#		0.02	-	
	mg/L	CR3-001	08/13/2002	N001	13.900		#		0.02	-	
	mg/L	CR4	08/13/2002	0001	5.530		#		0.02	-	
	mg/L	CR4	08/13/2002	N001	5.580		#		0.02	-	
	mg/L	CR5	08/13/2002	0001	5.530		#		0.02	-	
	mg/L	CR5	08/13/2002	N001	5.490		#		0.02	-	
	mg/L	CRA	08/15/2002	0001	5.290		#		0.02	-	
	mg/L	CRA	08/15/2002	0002	5.270		#		0.02	-	
	mg/L	CRA	08/15/2002	N001	5.240		#		0.02	-	
	mg/L	CRA	08/15/2002	N002	5.210		#		0.02	-	
	mg/L	CRC	08/13/2002	0001	5.860		#		0.02	-	
	mg/L	CRC	08/13/2002	N001	5.920		#		0.02	-	
	mg/L	CRD	08/13/2002	0001	5.470		#		0.02	-	
	mg/L	CRD	08/13/2002	N001	5.490		#		0.02	-	
	mg/L	CRE	08/13/2002	0001	5.470		#		0.02	-	
	mg/L	CRE	08/13/2002	N001	5.550		#		0.02	-	
Oxidation Reduction Potent mV	mV	0201	08/13/2002	N001	171		#	-	-	-	
	mV	CR1	08/12/2002	N001	212		#	-	-	-	
	mV	CR2	08/14/2002	N001	84		#	-	-	-	
	mV	CR2-001	08/14/2002	N001	90.6		#	-	-	-	
	mV	CR2B	08/14/2002	N001	142		#	-	-	-	
	mV	CR2B-	08/14/2002	N001	133		#	-	-	-	
	mV	CR3	08/13/2002	N001	115		#	-	-	-	
	mV	CR3-001	08/13/2002	N001	-101		#	-	-	-	
	mV	CR4	08/13/2002	N001	-106		#	-	-	-	
	mV	CR5	08/13/2002	N001	118		#	-	-	-	

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PARAMETER	UNITS	LOCATION		SAMPLE: ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	DATE			LAB	DATA	QA		
Oxidation Reduction Potential	mV	CRA	08/15/2002	N001	98	#	-	-	-	-
	mV	CRC	08/13/2002	N001	110	#	-	-	-	-
	mV	CRD	08/13/2002	N001	96	#	-	-	-	-
	mV	CRE	08/13/2002	N001	152	#	-	-	-	-
pH	s.u.	0201	08/13/2002	N001	8.09	#	-	-	-	-
	s.u.	CR1	08/12/2002	N001	8.33	#	-	-	-	-
	s.u.	CR2	08/14/2002	N001	8.24	#	-	-	-	-
	s.u.	CR2-001	08/14/2002	N001	8.29	#	-	-	-	-
	s.u.	CR2B	08/14/2002	N001	7.3	#	-	-	-	-
	s.u.	CR2B-	08/14/2002	N001	7.92	#	-	-	-	-
	s.u.	CR3	08/13/2002	N001	8.29	#	-	-	-	-
	s.u.	CR3-001	08/13/2002	N001	7.34	#	-	-	-	-
	s.u.	CR4	08/13/2002	N001	8.43	#	-	-	-	-
	s.u.	CR5	08/13/2002	N001	8.21	#	-	-	-	-
	s.u.	CRA	08/15/2002	N001	7.95	#	-	-	-	-
	s.u.	CRC	08/13/2002	N001	8.41	#	-	-	-	-
	s.u.	CRD	08/13/2002	N001	8.39	#	-	-	-	-
	s.u.	CRE	08/13/2002	N001	8.07	#	-	-	-	-
Polonium-210	pCi/L	0201	08/13/2002	0001	0.0549	#	0.0323	± 0.02	-	-
	pCi/L	CR1	08/12/2002	0001	0.0648	#	0.0619	± 0.04	-	-
	pCi/L	CR2	08/14/2002	0001	0.0563 U	#	0.0563	± 0.03	-	-
	pCi/L	CR2-001	08/14/2002	0001	0.0503 U	#	0.0503	± 0.03	-	-
	pCi/L	CR2B	08/14/2002	0001	0.0756	#	0.0409	± 0.03	-	-
	pCi/L	CR2B-	08/14/2002	0001	0.0702	#	0.0559	± 0.04	-	-
	pCi/L	CR3	08/13/2002	0001	0.0611	#	0.0409	± 0.03	-	-
	pCi/L	CR3-001	08/13/2002	0001	0.055 U	#	0.055	± 0.03	-	-
	pCi/L	CR4	08/13/2002	0001	0.0934 U	#	0.0934	± 0.05	-	-
	pCi/L	CR5	08/13/2002	0001	0.0755 U	#	0.0755	± 0.04	-	-
	pCi/L	CRA	08/15/2002	0001	0.0856 U	#	0.0856	± 0.05	-	-
	pCi/L	CRA	08/15/2002	0002	0.0455 U	#	0.0455	± 0.03	-	-
	pCi/L	CRC	08/13/2002	0001	0.0679 U	#	0.0679	± 0.03	-	-
	pCi/L	CRD	08/13/2002	0001	0.0605	#	0.0413	± 0.03	-	-
	pCi/L	CRE	08/13/2002	0001	0.0617 U	#	0.0617	± 0.03	-	-
Potassium	mg/L	0201	08/13/2002	0001	5.420	#	0.0086	-	-	-
	mg/L	CR1	08/12/2002	0001	5.310	#	0.0086	-	-	-
	mg/L	CR2	08/14/2002	0001	6.480 E J	#	0.0086	-	-	-
	mg/L	CR2-001	08/14/2002	0001	5.430 E J	#	0.0086	-	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
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PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		ID	DATE	ID			LAB	DATA	QA		
Potassium	mg/L	CR2B	08/14/2002	0001		59.300			#	0.0086	-
	mg/L	CR2B-001	08/14/2002	0001		5.530			#	0.0086	-
	mg/L	CR3	08/13/2002	0001		13.100			#	0.0086	-
	mg/L	CR3-001	08/13/2002	0001		192.000			#	0.0086	-
	mg/L	CR4	08/13/2002	0001		6.570			#	0.0086	-
	mg/L	CR5	08/13/2002	0001		5.910			#	0.0086	-
	mg/L	CRA	08/15/2002	0001		5.280	E	J	#	0.0086	-
	mg/L	CRA	08/15/2002	0002		5.680	E	J	#	0.0086	-
	mg/L	CRC	08/13/2002	0001		8.330			#	0.0086	-
	mg/L	CRD	08/13/2002	0001		6.270			#	0.0086	-
	mg/L	CRE	08/13/2002	0001		5.470			#	0.0086	-
Radium-226	pCi/L	0201	08/13/2002	0001		0.18			#	0.12	± 0.08
	pCi/L	CR1	08/12/2002	0001		0.16			#	0.12	± 0.08
	pCi/L	CR2	08/14/2002	0001		0.2			#	0.12	± 0.08
	pCi/L	CR2-001	08/14/2002	0001		0.18			#	0.12	± 0.08
	pCi/L	CR2B	08/14/2002	0001		1.27			#	0.13	± 0.16
	pCi/L	CR2B-001	08/14/2002	0001		0.25			#	0.11	± 0.08
	pCi/L	CR3	08/13/2002	0001		0.2			#	0.11	± 0.07
	pCi/L	CR3-001	08/13/2002	0001		0.52			#	0.11	± 0.10
	pCi/L	CR4	08/13/2002	0001		0.19			#	0.11	± 0.08
	pCi/L	CR5	08/13/2002	0001		0.29			#	0.11	± 0.08
	pCi/L	CRA	08/15/2002	0001		0.17			#	0.15	± 0.10
	pCi/L	CRA	08/15/2002	0002		0.14			#	0.12	± 0.08
	pCi/L	CRC	08/13/2002	0001		0.2			#	0.11	± 0.08
	pCi/L	CRD	08/13/2002	0001		0.19			#	0.12	± 0.08
	pCi/L	CRE	08/13/2002	0001		0.23			#	0.11	± 0.08
Radium-228	pCi/L	0201	08/13/2002	0001		0.75	U		#	0.75	± 0.44
	pCi/L	CR1	08/12/2002	0001		0.74	U		#	0.74	± 0.44
	pCi/L	CR2	08/14/2002	0001		0.8	U		#	0.8	± 0.47
	pCi/L	CR2-001	08/14/2002	0001		0.79	U		#	0.79	± 0.46
	pCi/L	CR2B	08/14/2002	0001		0.77	U		#	0.77	± 0.46
	pCi/L	CR2B-001	08/14/2002	0001		0.72	U		#	0.72	± 0.42
	pCi/L	CR3	08/13/2002	0001		0.73	U		#	0.73	± 0.42
	pCi/L	CR3-001	08/13/2002	0001		0.77	U		#	0.77	± 0.45
	pCi/L	CR4	08/13/2002	0001		0.76	U		#	0.76	± 0.44
	pCi/L	CR5	08/13/2002	0001		0.74	U		#	0.74	± 0.43

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PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		ID	DATE	ID			LAB	DATA	QA		
Radium-228	pCi/L	CRA	08/15/2002	0001		0.84	U		#	0.84	± 0.50
	pCi/L	CRA	08/15/2002	0002		0.79	U		#	0.79	± 0.46
	pCi/L	CRC	08/13/2002	0001		0.72	U		#	0.72	± 0.42
	pCi/L	CRD	08/13/2002	0001		0.77	U		#	0.77	± 0.45
	pCi/L	CRE	08/13/2002	0001		0.73	U		#	0.73	± 0.43
Radon-222	pCi/L	0201	08/13/2002	N001		23.36	U		#	23.36	± 13.9
	pCi/L	CR1	08/12/2002	N001		26.19	U		#	26.19	± 15.8
	pCi/L	CR2	08/14/2002	N001		17.84	U		#	17.84	± 10.8
	pCi/L	CR2-001	08/14/2002	N001		14.96	U		#	14.96	± 8.52
	pCi/L	CR2B	08/14/2002	N001		280.78			#	22.65	± 33.2
	pCi/L	CR2B-	08/14/2002	N001	001	22.63	U		#	22.63	± 14.1
	pCi/L	CR3	08/13/2002	N001		25.19	U		#	25.19	± 15.8
	pCi/L	CR3-001	08/13/2002	N001		66.63			#	25.35	± 20.3
	pCi/L	CR4	08/13/2002	N001		25.13	U		#	25.13	± 14.8
	pCi/L	CR5	08/13/2002	N001		23.38	U		#	23.38	± 13.4
	pCi/L	CRA	08/20/2002	N001		24.51			#	12.41	± 9.24
	pCi/L	CRC	08/13/2002	N001		25.15	U		#	25.15	± 14.1
	pCi/L	CRD	08/13/2002	N001		25.06	U		#	25.06	± 14.3
	pCi/L	CRE	08/13/2002	N001		23.38	U		#	23.38	± 13.1
Selenium	mg/L	0201	08/13/2002	0001		0.0072			#	0.0001	-
	mg/L	0201	08/13/2002	N001		0.0072			#	0.00011	-
	mg/L	CR1	08/12/2002	0001		0.0076			#	0.0001	-
	mg/L	CR1	08/12/2002	N001		0.0068			#	0.00011	-
	mg/L	CR2	08/14/2002	0001		0.0082			#	0.0001	-
	mg/L	CR2	08/14/2002	N001		0.0066			#	0.00011	-
	mg/L	CR2-001	08/14/2002	0001		0.0082			#	0.0001	-
	mg/L	CR2-001	08/14/2002	N001		0.0062			#	0.00011	-
	mg/L	CR2B	08/14/2002	0001		0.0036	B		#	0.0001	-
	mg/L	CR2B	08/14/2002	N001		0.0043	B		#	0.00011	-
	mg/L	CR2B-	08/14/2002	0001	001	0.0073			#	0.0001	-
	mg/L	CR2B-	08/14/2002	N001	001	0.0068			#	0.00011	-
	mg/L	CR3	08/13/2002	0001		0.0073			#	0.0001	-
	mg/L	CR3	08/13/2002	N001		0.0062			#	0.00011	-
	mg/L	CR3-001	08/13/2002	0001		0.005	B		#	0.0001	-
	mg/L	CR3-001	08/13/2002	N001		0.0061			#	0.00011	-
	mg/L	CR4	08/13/2002	0001		0.0074			#	0.0001	-

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PARAMETER	UNITS	LOCATION		SAMPLE: ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	DATE			LAB	DATA	QA		
Selenium	mg/L	CR4	08/13/2002	N001	0.0071		#	0.00011	-	
	mg/L	CR5	08/13/2002	0001	0.0074		#	0.0001	-	
	mg/L	CR5	08/13/2002	N001	0.0068		#	0.00011	-	
	mg/L	CRA	08/15/2002	0001	0.0083		#	0.0001	-	
	mg/L	CRA	08/15/2002	0002	0.0082		#	0.0001	-	
	mg/L	CRA	08/15/2002	N001	0.0059		#	0.00011	-	
	mg/L	CRA	08/15/2002	N002	0.0065		#	0.00011	-	
	mg/L	CRC	08/13/2002	0001	0.0076		#	0.0001	-	
	mg/L	CRC	08/13/2002	N001	0.0071		#	0.00011	-	
	mg/L	CRD	08/13/2002	0001	0.0074		#	0.0001	-	
	mg/L	CRD	08/13/2002	N001	0.0068		#	0.00011	-	
	mg/L	CRE	08/13/2002	0001	0.0074		#	0.0001	-	
	mg/L	CRE	08/13/2002	N001	0.0069		#	0.00011	-	
Silver	mg/L	0201	08/13/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CR1	08/12/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CR2	08/14/2002	0001	0.0003 BN	UJ	#	0.0001	-	
	mg/L	CR2-001	08/14/2002	0001	0.0003 BN	UJ	#	0.0001	-	
	mg/L	CR2B	08/14/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CR2B-	08/14/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	001								
	mg/L	CR3	08/13/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CR3-001	08/13/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CR4	08/13/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CR5	08/13/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CRA	08/15/2002	0001	0.0003 BN	UJ	#	0.0001	-	
	mg/L	CRA	08/15/2002	0002	0.0003 BN	UJ	#	0.0001	-	
	mg/L	CRC	08/13/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CRD	08/13/2002	0001	0.0003 B	U	#	0.0001	-	
	mg/L	CRE	08/13/2002	0001	0.0003 B	U	#	0.0001	-	
Sodium	mg/L	0201	08/13/2002	0001	128.000		#	0.0029	-	
	mg/L	0201	08/13/2002	N001	131.000		#	0.00322	-	
	mg/L	CR1	08/12/2002	0001	121.000		#	0.0029	-	
	mg/L	CR1	08/12/2002	N001	125.000		#	0.00322	-	
	mg/L	CR2	08/14/2002	0001	160.000		#	0.0029	-	
	mg/L	CR2	08/14/2002	N001	170.000		#	0.00322	-	
	mg/L	CR2-001	08/14/2002	0001	133.000		#	0.0029	-	
	mg/L	CR2-001	08/14/2002	N001	123.000		#	0.00322	-	
	mg/L	CR2B	08/14/2002	0001	1460.000		#	0.029	-	
	mg/L	CR2B	08/14/2002	N001	1600.000		#	0.03222	-	

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PARAMETER	UNITS	LOCATION		SAMPLE: ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	DATE			LAB	DATA	QA		
Sodium	mg/L	CR2B-001	08/14/2002	0001	130.000	#	0.0029	-		
	mg/L	CR2B-001	08/14/2002	N001	129.000	#	0.00322	-		
	mg/L	CR3	08/13/2002	0001	331.000	#	0.029	-		
	mg/L	CR3	08/13/2002	N001	367.000	#	0.03222	-		
	mg/L	CR3-001	08/13/2002	0001	5130.000	#	0.29	-		
	mg/L	CR3-001	08/13/2002	N001	2330.000	#	0.32222	-		
	mg/L	CR4	08/13/2002	0001	178.000	#	0.0029	-		
	mg/L	CR4	08/13/2002	N001	188.000	#	0.00322	-		
	mg/L	CR5	08/13/2002	0001	148.000	#	0.0029	-		
	mg/L	CR5	08/13/2002	N001	148.000	#	0.00322	-		
	mg/L	CRA	08/15/2002	0001	131.000	#	0.0029	-		
	mg/L	CRA	08/15/2002	0002	139.000	#	0.0029	-		
	mg/L	CRA	08/15/2002	N001	127.000	#	0.00322	-		
	mg/L	CRA	08/15/2002	N002	127.000	#	0.00322	-		
	mg/L	CRC	08/13/2002	0001	224.000	#	0.029	-		
	mg/L	CRC	08/13/2002	N001	240.000	#	0.03222	-		
	mg/L	CRD	08/13/2002	0001	164.000	#	0.0029	-		
	mg/L	CRD	08/13/2002	N001	172.000	#	0.00322	-		
	mg/L	CRE	08/13/2002	0001	130.000	#	0.0029	-		
	mg/L	CRE	08/13/2002	N001	135.000	#	0.00322	-		
Specific Conductance	umhos/cm	0201	08/13/2002	N001	1351	#	-	-		
	umhos/cm	CR1	08/12/2002	N001	1178	#	-	-		
	umhos/cm	CR2	08/14/2002	N001	1874	#	-	-		
	umhos/cm	CR2-001	08/14/2002	N001	1355	#	-	-		
	umhos/cm	CR2B	08/14/2002	N001	9584	#	-	-		
	umhos/cm	CR2B-001	08/14/2002	N001	1348	#	-	-		
	umhos/cm	CR3	08/13/2002	N001	2473	#	-	-		
	umhos/cm	CR3-001	08/13/2002	N001	19670	#	-	-		
	umhos/cm	CR4	08/13/2002	N001	1623	#	-	-		
	umhos/cm	CR5	08/13/2002	N001	1445	#	-	-		
	umhos/cm	CRA	08/15/2002	N001	1102	#	-	-		
	umhos/cm	CRC	08/13/2002	N001	1874	#	-	-		
	umhos/cm	CRD	08/13/2002	N001	1551	#	-	-		
	umhos/cm	CRE	08/13/2002	N001	1367	#	-	-		
Strontium	mg/L	0201	08/13/2002	0001	1.650	#	0.0001	-		
	mg/L	0201	08/13/2002	N001	1.570	#	0.00011	-		

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PARAMETER	UNITS	LOCATION		SAMPLE: ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	DATE			LAB	DATA	QA		
Strontium	mg/L	CR1	08/12/2002	0001	1.630	#	0.0001	-		
	mg/L	CR1	08/12/2002	N001	1.610	#	0.00011	-		
	mg/L	CR2	08/14/2002	0001	1.600	#	0.0001	-		
	mg/L	CR2	08/14/2002	N001	1.720	#	0.00011	-		
	mg/L	CR2-001	08/14/2002	0001	1.520	#	0.0001	-		
	mg/L	CR2-001	08/14/2002	N001	1.580	#	0.00011	-		
	mg/L	CR2B	08/14/2002	0001	7.520	#	0.001	-		
	mg/L	CR2B	08/14/2002	N001	7.380	#	0.00111	-		
	mg/L	CR2B-	08/14/2002	0001	1.570	#	0.0001	-		
	mg/L	CR2B-	08/14/2002	N001	1.580	#	0.00011	-		
	mg/L	CR3	08/13/2002	0001	1.960	#	0.0001	-		
	mg/L	CR3	08/13/2002	N001	1.970	#	0.00011	-		
	mg/L	CR3-001	08/13/2002	0001	10.200	#	0.001	-		
	mg/L	CR3-001	08/13/2002	N001	5.460	#	0.00111	-		
	mg/L	CR4	08/13/2002	0001	1.660	#	0.0001	-		
	mg/L	CR4	08/13/2002	N001	1.660	#	0.00011	-		
	mg/L	CR5	08/13/2002	0001	1.640	#	0.0001	-		
	mg/L	CR5	08/13/2002	N001	1.640	#	0.00011	-		
	mg/L	CRA	08/15/2002	0001	1.640	#	0.0001	-		
	mg/L	CRA	08/15/2002	0002	1.520	#	0.0001	-		
	mg/L	CRA	08/15/2002	N001	1.700	#	0.00011	-		
	mg/L	CRA	08/15/2002	N002	1.610	#	0.00011	-		
	mg/L	CRC	08/13/2002	0001	1.800	#	0.0001	-		
	mg/L	CRC	08/13/2002	N001	1.720	#	0.00011	-		
	mg/L	CRD	08/13/2002	0001	1.620	#	0.0001	-		
	mg/L	CRD	08/13/2002	N001	1.790	#	0.00011	-		
	mg/L	CRE	08/13/2002	0001	1.620	#	0.0001	-		
	mg/L	CRE	08/13/2002	N001	1.580	#	0.00011	-		
Sulfate	mg/L	0201	08/13/2002	0001	433.000	#	0.394	-		
	mg/L	0201	08/13/2002	N001	430.000	#	0.394	-		
	mg/L	CR1	08/12/2002	0001	429.000	#	0.394	-		
	mg/L	CR1	08/12/2002	N001	430.000	#	0.394	-		
	mg/L	CR2	08/14/2002	0001	516.000	#	0.394	-		
	mg/L	CR2	08/14/2002	N001	571.000	#	0.394	-		
	mg/L	CR2-001	08/14/2002	0001	440.000	#	0.394	-		
	mg/L	CR2-001	08/14/2002	N001	437.000	#	0.394	-		
	mg/L	CR2B	08/14/2002	0001	4770.000	#	3.94	-		

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PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
						LAB	DATA	QA		
Sulfate	mg/L	CR2B	08/14/2002	N001	4820.000	#			3.94	-
	mg/L	CR2B-001	08/14/2002	0001	442.000	#			0.394	-
	mg/L	CR2B-001	08/14/2002	N001	441.000	#			0.394	-
	mg/L	CR3	08/13/2002	0001	597.000	#			0.788	-
	mg/L	CR3	08/13/2002	N001	605.000	#			0.788	-
	mg/L	CR3-001	08/13/2002	0001	2880.000	#			3.94	-
	mg/L	CR3-001	08/13/2002	N001	1440.000	#			3.94	-
	mg/L	CR4	08/13/2002	0001	454.000	#			0.394	-
	mg/L	CR4	08/13/2002	N001	448.000	#			0.394	-
	mg/L	CR5	08/13/2002	0001	437.000	#			0.394	-
	mg/L	CR5	08/13/2002	N001	437.000	#			0.394	-
	mg/L	CRA	08/15/2002	0001	449.000	#			0.394	-
	mg/L	CRA	08/15/2002	0002	443.000	#			0.394	-
	mg/L	CRA	08/15/2002	N001	452.000	#			0.394	-
	mg/L	CRA	08/15/2002	N002	448.000	#			0.394	-
Temperature	C	0201	08/13/2002	N001	20.34	#			-	-
	C	CR1	08/12/2002	N001	25.88	#			-	-
	C	CR2	08/14/2002	N001	22.57	#			-	-
	C	CR2-001	08/14/2002	N001	22.05	#			-	-
	C	CR2B	08/14/2002	N001	19.89	#			-	-
	C	CR2B-001	08/14/2002	N001	21.47	#			-	-
	C	CR3	08/13/2002	N001	28.18	#			-	-
	C	CR3-001	08/13/2002	N001	26.66	#			-	-
	C	CR4	08/13/2002	N001	25.17	#			-	-
	C	CR5	08/13/2002	N001	21.75	#			-	-
	C	CRA	08/15/2002	N001	26.41	#			-	-
	C	CRC	08/13/2002	N001	26.84	#			-	-
Thallium	mg/L	0201	08/13/2002	0001	0.0007 B	U	#	0.0001	-	

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 11:34 am

PARAMETER	UNITS	LOCATION			SAMPLE: ID	RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		ID	DATE	LAB			DATA	QA			
Thallium	mg/L	CR1	08/12/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CR2	08/14/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CR2-001	08/14/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CR2B	08/14/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CR2B-	08/14/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CR3	08/13/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CR3-001	08/13/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CR4	08/13/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CR5	08/13/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CRA	08/15/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CRA	08/15/2002	0002	0.0007	B	U	#	0.0001	-	
	mg/L	CRC	08/13/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CRD	08/13/2002	0001	0.0007	B	U	#	0.0001	-	
	mg/L	CRE	08/13/2002	0001	0.0007	B	U	#	0.0001	-	
Thorium-230	pCi/L	0201	08/13/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR1	08/12/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR2	08/14/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR2-001	08/14/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR2B	08/14/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR2B-	08/14/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR3	08/13/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR3-001	08/13/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR4	08/13/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CR5	08/13/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CRA	08/15/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CRA	08/15/2002	0002	1.5	U		#	1.52	-	
	pCi/L	CRC	08/13/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CRD	08/13/2002	0001	1.5	U		#	1.52	-	
	pCi/L	CRE	08/13/2002	0001	1.5	U		#	1.52	-	
Total Dissolved Solids	mg/L	0201	08/13/2002	0001	1040			#	10	-	
	mg/L	CR1	08/12/2002	0001	1020			#	10	-	
	mg/L	CR2	08/14/2002	0001	1220			#	10	-	
	mg/L	CR2-001	08/14/2002	0001	1080			#	10	-	
	mg/L	CR2B	08/14/2002	0001	8650			#	10	-	
	mg/L	CR2B-	08/14/2002	0001	1070			#	10	-	
	mg/L	CR3	08/13/2002	0001	1780			#	10	-	

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 11:34 am

PARAMETER	UNITS	LOCATION	SAMPLE:			QUALIFIERS:	DETECTION	UN-
			ID	DATE	ID			
Total Dissolved Solids	mg/L	CR3-001	08/13/2002	0001	10800	#	10	-
	mg/L	CR4	08/13/2002	0001	1240	#	10	-
	mg/L	CR5	08/13/2002	0001	1110	#	10	-
	mg/L	CRA	08/15/2002	0001	1090	#	10	-
	mg/L	CRA	08/15/2002	0002	1100	#	10	-
	mg/L	CRC	08/13/2002	0001	1400	#	10	-
	mg/L	CRD	08/13/2002	0001	1180	#	10	-
	mg/L	CRE	08/13/2002	0001	1050	#	10	-
Total Organic Carbon	mg/L	0201	08/13/2002	N001	4.1	#	0.1	-
	mg/L	CR1	08/12/2002	N001	4	#	0.1	-
	mg/L	CR2	08/14/2002	N001	7.8	#	0.1	-
	mg/L	CR2-001	08/14/2002	N001	4.1	#	0.1	-
	mg/L	CR2B	08/14/2002	N001	11.8	#	0.1	-
	mg/L	CR2B-	08/14/2002	N001	4.2	#	0.1	-
	001							
	mg/L	CR3	08/13/2002	N001	5.7	#	0.1	-
	mg/L	CR3-001	08/13/2002	N001	6.1	#	0.1	-
	mg/L	CR4	08/13/2002	N001	4.1	#	0.1	-
	mg/L	CR5	08/13/2002	N001	4.4	#	0.1	-
	mg/L	CRA	08/15/2002	N001	4.2	#	0.1	-
	mg/L	CRA	08/15/2002	N002	4.1	#	0.1	-
	mg/L	CRC	08/13/2002	N001	4.2	#	0.1	-
	mg/L	CRD	08/13/2002	N001	4	#	0.1	-
	mg/L	CRE	08/13/2002	N001	4	#	0.1	-
Total Phosphorus as PO4	mg/L	0201	08/13/2002	0001	0.544 U	#	0.544	-
	mg/L	CR1	08/12/2002	0001	0.544 U	#	0.544	-
	mg/L	CR2	08/14/2002	0001	0.544 U	#	0.544	-
	mg/L	CR2-001	08/14/2002	0001	2.980	#	0.544	-
	mg/L	CR2B	08/14/2002	0001	0.544 U	#	0.544	-
	mg/L	CR2B-	08/14/2002	0001	0.544 U	#	0.544	-
	001							
	mg/L	CR3	08/13/2002	0001	0.544 U	#	0.544	-
	mg/L	CR3-001	08/13/2002	0001	0.544 U	#	0.544	-
	mg/L	CR4	08/13/2002	0001	0.544 U	#	0.544	-
	mg/L	CR5	08/13/2002	0001	2.350	#	0.544	-
	mg/L	CRA	08/15/2002	0001	0.544 U	#	0.544	-
	mg/L	CRA	08/15/2002	0002	0.544 U	#	0.544	-
	mg/L	CRC	08/13/2002	0001	3.120	#	0.544	-
	mg/L	CRD	08/13/2002	0001	2.280	#	0.544	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 11:34 am

PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		ID	DATE	ID			LAB	DATA	QA		
Total Phosphorus as PO4	mg/L	CRE	08/13/2002	0001		0.544	U		#	0.544	-
Turbidity	NTU	0201	08/13/2002	N001		9.7			#	-	-
	NTU	CR2B-001	08/14/2002	N001		63.3			#	-	-
	NTU	CR3	08/13/2002	N001		29.6			#	-	-
	NTU	CR4	08/13/2002	N001		62			#	-	-
	NTU	CR5	08/13/2002	N001		119			#	-	-
	NTU	CRA	08/15/2002	N001		112.1			#	-	-
	NTU	CRC	08/13/2002	N001		35			#	-	-
	NTU	CRE	08/13/2002	N001		138			#	-	-
Uranium	mg/L	0201	08/13/2002	0001		0.008	E	J	#	0.0001	-
	mg/L	0201	08/13/2002	N001		0.0088			#	0.00011	-
	mg/L	CR1	08/12/2002	0001		0.0075	E	J	#	0.0001	-
	mg/L	CR1	08/12/2002	N001		0.008			#	0.00011	-
	mg/L	CR2	08/14/2002	0001		0.0367			#	0.0001	-
	mg/L	CR2	08/14/2002	N001		0.0521			#	0.00011	-
	mg/L	CR2-001	08/14/2002	0001		0.0246			#	0.0001	-
	mg/L	CR2-001	08/14/2002	N001		0.0241			#	0.00011	-
	mg/L	CR2B	08/14/2002	0001		1.140	E	J	#	0.001	-
	mg/L	CR2B	08/14/2002	N001		1.220			#	0.00111	-
	mg/L	CR2B-001	08/14/2002	0001		0.0165	E	J	#	0.0001	-
	mg/L	CR2B-001	08/14/2002	N001		0.0184			#	0.00011	-
	mg/L	CR3	08/13/2002	0001		0.0509	E	J	#	0.0001	-
	mg/L	CR3	08/13/2002	N001		0.0516			#	0.00011	-
	mg/L	CR3-001	08/13/2002	0001		0.630	E	J	#	0.0001	-
	mg/L	CR3-001	08/13/2002	N001		0.361			#	0.00011	-
	mg/L	CR4	08/13/2002	0001		0.0125	E	J	#	0.0001	-
	mg/L	CR4	08/13/2002	N001		0.0138			#	0.00011	-
	mg/L	CR5	08/13/2002	0001		0.0095	E	J	#	0.0001	-
	mg/L	CR5	08/13/2002	N001		0.010			#	0.00011	-
	mg/L	CRA	08/15/2002	0001		0.0621			#	0.0001	-
	mg/L	CRA	08/15/2002	0002		0.0767			#	0.0001	-
	mg/L	CRA	08/15/2002	N001		0.0604			#	0.00011	-
	mg/L	CRA	08/15/2002	N002		0.0708			#	0.00011	-
	mg/L	CRC	08/13/2002	0001		0.0229	E	J	#	0.0001	-
	mg/L	CRC	08/13/2002	N001		0.0237			#	0.00011	-
	mg/L	CRD	08/13/2002	0001		0.011	E	J	#	0.0001	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 11:34 am

PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN-CERTAINTY	
		ID	DATE	ID			LAB	DATA QA			
Uranium	mg/L	CRD	08/13/2002	N001		0.0123		#	0.00011	-	
	mg/L	CRE	08/13/2002	0001		0.0083 E	J	#	0.0001	-	
	mg/L	CRE	08/13/2002	N001		0.0091		#	0.00011	-	
Uranium-234	pCi/L	0201	08/13/2002	0001		5.6		#	1.2	-	
	pCi/L	CR1	08/12/2002	0001		4.7		#	1.2	-	
	pCi/L	CR2	08/14/2002	0001		12.9	E	J	#	1.2	-
	pCi/L	CR2-001	08/14/2002	0001		11.8	E	J	#	1.2	-
	pCi/L	CR2B	08/14/2002	0001		369		#	1.2	-	
	pCi/L	CR2B-	08/14/2002	0001	001	8.9		#	1.2	-	
	pCi/L	CR3	08/13/2002	0001		18.7		#	1.2	-	
	pCi/L	CR3-001	08/13/2002	0001		222		#	1.2	-	
	pCi/L	CR4	08/13/2002	0001		6.1		#	1.2	-	
	pCi/L	CR5	08/13/2002	0001		4.8		#	1.2	-	
	pCi/L	CRA	08/15/2002	0001		23	E	J	#	1.2	-
	pCi/L	CRA	08/15/2002	0002		25.3	E	J	#	1.2	-
	pCi/L	CRC	08/13/2002	0001		10		#	1.2	-	
	pCi/L	CRD	08/13/2002	0001		9.1		#	1.2	-	
	pCi/L	CRE	08/13/2002	0001		4.4		#	1.2	-	
Uranium-238	pCi/L	0201	08/13/2002	0001		3.1		#	0.1	-	
	pCi/L	CR1	08/12/2002	0001		2.9		#	0.1	-	
	pCi/L	CR2	08/14/2002	0001		13.8		#	0.1	-	
	pCi/L	CR2-001	08/14/2002	0001		10		#	0.1	-	
	pCi/L	CR2B	08/14/2002	0001		413		#	0.5	-	
	pCi/L	CR2B-	08/14/2002	0001	001	6.6		#	0.1	-	
	pCi/L	CR3	08/13/2002	0001		18.9		#	0.1	-	
	pCi/L	CR3-001	08/13/2002	0001		243		#	0.5	-	
	pCi/L	CR4	08/13/2002	0001		4.9		#	0.1	-	
	pCi/L	CR5	08/13/2002	0001		3.6		#	0.1	-	
	pCi/L	CRA	08/15/2002	0001		23.7		#	0.1	-	
	pCi/L	CRA	08/15/2002	0002		28.9		#	0.1	-	
	pCi/L	CRC	08/13/2002	0001		9.3		#	0.1	-	
	pCi/L	CRD	08/13/2002	0001		4.5		#	0.1	-	
	pCi/L	CRE	08/13/2002	0001		3.3		#	0.1	-	
Vanadium	mg/L	0201	08/13/2002	0001		0.003 B		#	0.0003	-	
	mg/L	CR1	08/12/2002	0001		0.0031 B		#	0.0003	-	
	mg/L	CR2	08/14/2002	0001		0.0032 B		#	0.0003	-	
	mg/L	CR2-001	08/14/2002	0001		0.003 B		#	0.0003	-	

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 11:34 am

PARAMETER	UNITS	LOCATION		SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		ID	DATE	ID			LAB	DATA	QA		
Vanadium	mg/L	CR2B	08/14/2002	0001		0.0003 U			#	0.0003	-
	mg/L	CR2B-001	08/14/2002	0001		0.003 B			#	0.0003	-
	mg/L	CR3	08/13/2002	0001		0.0033 B			#	0.0003	-
	mg/L	CR3-001	08/13/2002	0001		0.0003 U			#	0.0003	-
	mg/L	CR4	08/13/2002	0001		0.0033 B			#	0.0003	-
	mg/L	CR5	08/13/2002	0001		0.003 B			#	0.0003	-
	mg/L	CRA	08/15/2002	0001		0.0033 B			#	0.0003	-
	mg/L	CRA	08/15/2002	0002		0.0032 B			#	0.0003	-
	mg/L	CRC	08/13/2002	0001		0.0034 B			#	0.0003	-
	mg/L	CRD	08/13/2002	0001		0.0032 B			#	0.0003	-
	mg/L	CRE	08/13/2002	0001		0.003 B			#	0.0003	-
Zinc	mg/L	0201	08/13/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CR1	08/12/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CR2	08/14/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CR2-001	08/14/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CR2B	08/14/2002	0001		0.0011 B			#	0.0008	-
	mg/L	CR2B-001	08/14/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CR3	08/13/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CR3-001	08/13/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CR4	08/13/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CR5	08/13/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CRA	08/15/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CRA	08/15/2002	0002		0.0008 U			#	0.0008	-
	mg/L	CRC	08/13/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CRD	08/13/2002	0001		0.0008 U			#	0.0008	-
	mg/L	CRE	08/13/2002	0001		0.0008 U			#	0.0008	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 11:34 am

PARAMETER	UNITS	LOCATION	SAMPLE: ID	DATE	SAMPLE: ID	RESULT	QUALIFIERS:	DETECTION	UN-
							LAB	DATA	QA

RECORDS: SELECTED FROM USEE800 WHERE site_code='MOA01' AND quality_assurance = TRUE AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND DATE_SAMPLED between #8/11/2002# and #9/27/2002#

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

DATA QUALIFIERS:

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

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

WATER LEVELS

STATIC GROUND WATER LEVELS (USEE700) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 9:53 am

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT NGVD)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	GROUND WATER ELEVATION (FT NGVD)	WATER LEVEL FLAG
			DATE	TIME			
0203		3975.63	08/29/2002		1.19	3974.44	
0401	O	3969.60	08/20/2002	15:14	16.75	3952.85	
0402	O	3968.63	08/20/2002	15:12	16.32	3952.31	
0403	O	3968.95	08/20/2002	15:09	16.94	3952.01	
0404	O	3968.30	08/20/2002	15:17	15.12	3953.18	
0405	O	3968.47	08/20/2002	15:21	15.37	3953.10	
0406	O	3969.91	08/20/2002	15:24	16.60	3953.31	
0407	O	3969.09	08/20/2002	15:07	17.54	3951.55	
0408	O	3969.17	08/20/2002	15:14	16.38	3952.79	
0409	O	3969.03	08/20/2002	15:19	15.91	3953.12	
0410	O	3979.11	08/20/2002	13:42	23.51	3955.60	
		3979.11	09/18/2002	15:45	23.75	3955.36	
0411	O	3964.88	08/20/2002	12:56	9.08	3955.80	
		3964.88	09/18/2002	15:34	9.10	3955.78	
0412	O	3965.76	08/20/2002	12:22	11.64	3954.12	
		3965.76	09/17/2002	15:16	11.40	3954.36	
0413	O	3965.33	08/20/2002	12:53	10.46	3954.87	
		3965.33	09/18/2002	12:37	10.31	3955.02	
0414	O	3963.20	08/20/2002	12:23	9.37	3953.83	
		3963.20	09/18/2002	14:18	10.28	3952.92	
0430	U	4022.10	08/19/2002	12:49	60.18	3961.92	
0431	O	4007.04	09/19/2002	10:06	47.72	3959.32	
0432	U	4001.47	08/15/2002	14:53	42.06	3959.41	
0433	O	3989.99	08/20/2002	07:50	31.78	3958.21	
0434	U	3990.21	08/15/2002	12:43	34.49	3955.72	
0435	O	3971.67	09/18/2002	08:00	14.97	3956.70	
0436	O	3970.80	08/20/2002	13:01	11.00	3959.80	
		3970.80	09/19/2002	07:36	10.68	3960.12	
0437	O	4048.25	09/26/2002	08:06	90.11	3958.14	
0438	O	4054.22	09/25/2002		97.59	3956.63	
		4054.22	09/26/2002		97.96	3956.26	

STATIC GROUND WATER LEVELS (USEE700) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 9:53 am

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT NGVD)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	GROUND WATER ELEVATION (FT NGVD)	WATER LEVEL FLAG
			DATE	TIME			
0439	O	4055.27	09/17/2002	13:37	104.88	3950.39	
		4055.27	09/25/2002		99.06	3956.21	
0440	O	4070.71	09/24/2002	13:41	111.89	3958.82	
0442	O	4022.78	09/17/2002	14:15	66.52	3956.26	
		4022.78	09/25/2002	13:20	66.50	3956.28	
0443	O	4006.72	09/19/2002	13:15	46.96	3959.76	
0444	O	3970.99	09/18/2002	09:46	15.20	3955.79	
0458	O	4046.57	09/26/2002		87.88	3958.69	
0459	O	4055.02	09/26/2002		98.33	3956.69	
AMM-1	O	3972.02	08/14/2002	15:17	17.40	3954.62	
AMM-2	O	3967.74	08/13/2002	15:32	14.11	3953.63	
AMM-3	O	3967.69	08/13/2002	09:23	13.80	3953.89	
ATP-1-S	O	3971.14	09/25/2002	08:05	19.75	3951.39	
ATP-2-D	O	3967.05	08/15/2002	12:52	15.40	3951.65	
ATP-2-S	O	3967.04	08/14/2002	07:36	13.02	3954.02	
ATP-3	O	4000.05	08/20/2002	13:06	40.52	3959.53	
		4000.05	09/24/2002	09:48	38.92	3961.13	
MW-1-R	O	3964.35	08/13/2002	07:37	10.20	3954.15	
MW-3	O	3969.21	08/14/2002	08:31	15.65	3953.56	
NE-MILL	O	3981.45	08/20/2002	12:08	26.85	3954.60	
OW-1	O	3966.94	08/20/2002	12:30	12.93	3954.01	
OW-2	O	3966.85	08/20/2002	12:30	12.92	3953.93	
OW-3	O	3966.20	08/20/2002	12:29	12.10	3954.10	
OW-4	O	3965.50	08/20/2002	12:28	11.40	3954.10	
RW-01	U	4021.81	08/19/2002	14:35	59.96	3961.85	
SMI-MW01	O	3968.32	08/20/2002	12:18	14.58	3953.74	
SMI-PW01	O	3968.45	08/20/2002	12:50	14.83	3953.62	
SMI-PW02	O	3967.48	08/20/2002	12:45	15.59	3951.89	
SMI-PW03	O	3975.04	08/20/2002	13:00	19.65	3955.39	
SMI-PZ1D2	O	3968.26	08/20/2002	12:50	15.24	3953.13	
SMI-PZ1M	O	3968.29	08/20/2002	12:48	14.76	3953.53	

STATIC GROUND WATER LEVELS (USEE700) FOR SITE MOA01, MOAB
 REPORT DATE: 11/27/2002 9:53 am

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT NGVD)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	GROUND WATER ELEVATION (FT NGVD)	WATER LEVEL FLAG
			DATE	TIME			
SMI-PZ1S	O	3969.13	08/20/2002	12:47	15.63	3953.50	
SMI-PZ2D	O	3967.38	08/20/2002	12:44	15.99	3951.39	
SMI-PZ2M1	O	3967.50	08/20/2002	12:42	15.63	3951.87	
SMI-PZ2M2	O	3967.18	08/20/2002	12:43	15.10	3952.08	
SMI-PZ3D2	O	3975.13	08/15/2002	09:33	20.72	3954.41	
SMI-PZ3M	O	3975.23	08/15/2002	08:55	19.90	3955.33	
SMI-PZ3S	O	3975.03	08/15/2002	07:41	19.65	3955.38	
TH-25	O	3990.04	08/20/2002	15:42	31.92	3958.12	
TP-01	O	3969.39	08/14/2002	09:58	15.87	3953.52	
TP-02	O	3975.55	08/14/2002	11:04	22.12	3953.43	
TP-07	O	3965.72	08/13/2002	12:47	13.35	3952.37	
TP-08	O	3966.57	08/13/2002	13:44	13.90	3952.67	
TP-09	O	3967.38	08/13/2002	14:47	14.00	3953.38	
TP-11	O	3967.51	08/20/2002	12:13	14.09	3953.42	
TP-19	D	3962.17	08/20/2002	14:56	13.13	3949.04	
TP-20	D	3967.55	08/20/2002	15:34	16.64	3950.91	
UNK1	O	3966.10	08/20/2002	12:14	-	-	D
UNK2	O	3974.64	08/20/2002	12:09	-	-	D
UNKNOWN A	O	-	08/20/2002		-	-	D

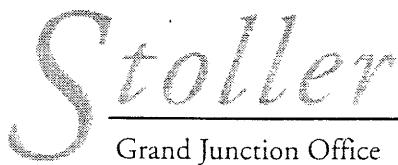
RECORDS: SELECTED FROM USEE700 WHERE site_code='MOA01' AND LOG_DATE between #8/12/2002# and #9/26/2002#

FLOW CODES: D DOWN GRADIENT O ON-SITE U UPGRADIENT

WATER LEVEL FLAGS:

D Dry

TRIP REPORT/WORK ORDER



Grand Junction Office

established 1959

CONTRACT NO: DE-AC13-02GJ79491
TASK ORDER NO: ST03-102
CONTROL NO: 1000-N/A

MEMORANDUM

DATE: October 8, 2002

TO: Ken Karp

FROM: D. Traub

SUBJECT: Moab Site Water Sampling Trip Report

Site: Moab, Utah

Dates of Sampling Event: August 12 – August 16 and September 15 – 26, 2002

Team Members: Dave Traub, Steve Back, Tony Franzone, and Tom Maveal

Trip Summary: In August, samples and data were collected from 14 surface and 20 ground water locations at the Moab millsite and adjacent areas. Water levels were measured at all site wells except for wells on top of the pile. The 14 new wells were not sampled, as they were not developed. Wells 0410 through 0414 were not sampled as they were thought to be new wells that were not developed.

In September samples were collected from 20 monitor wells. Dedicated bladder pumps or polyethylene tubing were installed in the new wells.

Locations Not Sampled / Reason: Wells MW-2-R and 0411 were dry. Several wells were found to recharge very slowly and at those locations no liter-sized bottles were filled. Details are in the ground water table under the “Location Specific Information” section. Wells installed in the tailings such as PW-8, PW-10, and PW-13 were not sampled.

Field Variance: Several wells were sampled that did not meet the turbidity requirement. These wells are new and require further development. Several other wells that may eventually have met the turbidity standard were sampled, as there was not enough time to fill all containers and complete the sampling.

Requisition Numbers Assigned: The requisition number for the September sampling is 18155. Samples delivered to the lab in August were assigned requisition number 18107.

Water Level Measurements: In August, water level measurements were taken on all wells at the site except for the new wells and wells on the pile. Some of the new wells did not have completed surface installations and several had PVC that needed to be cut shorter. Wells on top of the pile were not checked as these will be checked with equipment that can be dedicated to the site and left in the contamination zone. This will be completed whenever the new wells are finished.

In September, water levels were taken on the new wells as they were sampled and on the wells on top of the pile except for those on the north end of the pile. There was not sufficient time to get to these wells before the site closed on Thursday.

The following table presents water levels collected during the September event.

Well ID	Water Level	Date	Comment
PW-11	35.77	9/25/02	Sampled in March
PW-10	Destroyed		
PW-5	DRY		TD 19.5
PW-1	59.55	9/25/02	Lot of crap in well
PW-9	DRY		TD 24.6
PW-6	32.2	9/25/02	
PW-7	DRY		TD 30.9
PW-12	30.01	9/25/02	
PW-4-0B-A	31.62	9/25/02	Sampled in March
PW-4-0B-B	DRY		TD 26.51
E-3	Not measured	1" PVC pipe.	Sampled for VOCs in March.

Well Inspection Summary: Well inspections were conducted on all sampled wells. Many of the piezometers are in poor condition and are poorly protected. None of the wells inside the site are clearly marked.

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

Sample ID	False Loc.	True Loc.	Sample Type
NDT 728	1100	AMM-3	Ground water sample duplicate
NDT 738	1101	AMM-1	Ground water sample duplicate
NDT 642	1102	CRA	Surface water sample duplicate
NDT 584	1103	444	Ground water sample duplicate

Corrective Action: None

Equipment: Wells were sampled using the micropurge procedure. All wells were sampled using either a peristaltic pump with dedicated tubing or a dedicated bladder pump. Radon samples were collected using a disposable bailer or the dedicated tubing with the top end closed for wells sampled with a peristaltic. Surface water samples also were collected using a peristaltic pump to filter the samples. Surface water radon samples were collected by container immersion.

Location Specific Information:

Surface Water Samples:

Location	Date Sampled	Sample ID	Sample Starting Depth	Comments
CR1	8/12/02	NDT 626		
CR2	8/15/02	NDT 638	1 " deep, 10" from shore	No flow
CR2-001	8/15/02	NDT 639		
CR3	8/13/02	NDT 634	2" deep, 8" from bank	
CR3-001	8/13/02	NDT 635	On bottom?, ~15 ft from shore	Very slow current. Sampled from a backwater pool with some flow into pool.
CR4	8/13/02	NDT 632	8" deep, 4 ft from shore	Slow flow, collected ~ 100 ft E of stake, east side gravel bar.
CR5	8/13/02	NDT 630	8" deep, 14" from bank	Slow flow
CRA	8/15/02	NDT 640		Stagnant; full of algae
CR2B	8/14/02	NDT 637	3-4" deep	No flow, 4 x 5ft pool ~ 25 ft W of CR2B-001
CR2B-001	8/14/02	NDT 636	3" deep	Slow current, ~ 150 ft E of stake, E edge of sand/mud bar.
CRC	8/13/02	NDT 633	10" deep, 4 ft from shore	Very slow current, lot of salt crystals on rocks.
CRD	8/13/02	NDT 631	8" deep, muddy bottom	Slow flow
CRE	8/13/02	NDT 629	6" deep, 12" from bank	Strong current
201	8/13/02	NDT 628	8" deep, 12" from bank	Very slow current

Ground Water Samples:

Location	Date Collected	Sample ID	Comments
AMM-1	8/14/02	NDT 737	Perfect well
AMM-2	8/13/02	NDT 732	Good well
AMM-3	8/13/02	NDT 727	
ATP-1-S	9/25/02	NDT 593	140 ft. of dedicated poly.
ATP-2-D	8/15/02	NDT 641	High turbid. Dedicated poly. Brown/yellow stained water; lost of bubbles; strange odor.
ATP-2-S	8/14/02	NDT 733	
ATP-3	9/24/02	NDT 594	Dedicated bladder, 50 ft. tubing. TD measured at 53.12. Database shows 63.15. Need camera in this well. Also, removed 1.76 ft of 4" PVC at top of well as it was loose. Hung pump 1.45 ft above GL (top of steel surface casing). Good well.

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 Page 4

Location	Date Collected	Sample ID	Comments
MW-1-R	8/13/02	NDT 726	Well needs development. Lot of sand. Needs better cap.
MW-2-R		Dry	
MW-3	8/14/02	NDT 734	Lot of gas / bubbles; sample effervescing.
410	9/18/02	NDT 587	6- 125 ml bottles only. Poor well / not a lot of water at this loc.
411	9/18/02	NO SAMPLE	Only 0.15 ft. water.
412	9/17/02	NDT 581	Dedicated tubing
413	9/18/02	NDT 585	Poor well, elevated turbidity.
414	9/18/02	NDT 586	Poor well, only got 6-125ml and 2-metals.
430	8/19/02	NDT 643	Dedicated bladder, 99 ft tubing
431	9/19/02	NDT 590	Dedicated Bladder, 91.5 ft tubing. Needs developed.
432	8/15/02	NDT 652	Dedicated bladder, 53 ft tubing
433	8/20/02	NDT 645	Dedicated bladder, 97 ft tubing
434	8/15/02	NDT 651	Dedicated bladder, ~78 ft tubing
435	9/18/02	NDT 582	Dedicated 180 ft. bladder pump tubing NO Bladder Pump on end. lot of air in discharge line.
436	9/19/02	NDT 588	Dedicated 206 ft. pump tubing but NO Bladder Pump.
437	9/26/02	NDT 597	Dedicated bladder, 91.5 ft. tubing
438	9/17/02 Well in final development Took Rn 222 via bailer on 9/25	NDT 578	Samples collected from Grundfos except Rn, installed dedicated bladder after Grundfos was done.
439	9/17/02 Well in final development Took Rn 222 via bailer on 9/25	NDT 579	Samples collected from Grundfos except Rn, installed dedicated bladder after Grundfos was done.
440	9/24/02	NDT 592	Dedicated bladder, 117 ft. tubing. Elev. Turbidity. Needs developed.
442	9/17/02 tried to bail 9/25/02 Bladder pump at 67.6	NDT 580 VOID NDT 595	Set bladder pump only ~0.2 ft off TD, well is slow but does produce. Did not try for low turbidity. Took 2 ½ hours to fill bottles. At end turbidity was 12.8 NTU.
443	9/19/02	NDT 591	Dedicated Bladder, 82 ft. tubing, good well.
444	9/18/02	NDT 583	Dedicated tubing.
445	Well not drilled		
458 1" PVC pipe in same boring as 437. Open ended.	9/26/02	NDT 598	TD at 225, supposed to be at 300 ft. Needs cleaned out. No 1-L samples.
459 1" PVC pipe in same boring as 439. Open ended.	9/26/02	NDT 599	TD at 288, bailed all samples except for 1-L samples.
537 Sump on top of pile	9/19/02	NDT 589	All samples from pump flow line incl. Rn 222. Doubled amount of acid preservative.
RW-01	8/19/02	NDT 644	Dedicated bladder

Ken Karp
October 8, 2002
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Location	Date Collected	Sample ID	Comments
SMI-PZ3S	8/15/02	NDT 739	Datalogger, lot of sand pumped from well.
SMI-PZ3M	8/15/02	NDT 740	Datalogger
SMI-PZ3D2	8/15/02	NDT 741	Lots of dissolved gas.
TP-01	8/14/02	NDT 735	
TP-02	8/14/02	NDT 736	Very red & black when 1 st pumped.
TP-07	8/13/02	NDT 729	1" well; could not measure drawdown.
TP-08	8/13/02	NDT 730	Rock on top of well; no cap.
TP-09	8/13/02	NDT 731	No cap on well; used duct tape for cap.
PW-8	NO SAMPLE Has 10 ft riser, WL not measured		Need to cut the riser off to a manageable height. In tailings pile
PW-10	NO SAMPLE		In tailings pile.
PW-13	NO SAMPLE		In tailings pile.

Regulatory: None.

Site Issues: None.

Additional Action Required / Taken: None.

DT/lcg

Distribution:

cc: J. Berwick, DOE-GJO
D. Metzler, DOE-GJO
C. Bahrke, Stoller
K. Miller, Stoller
T. Wright, Stoller
Project Record File MOA 19.03 (Thru K. Sutton)



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CONTRACT NO.: DE-AC13-02GJ79491
TASK ORDER NO.: ST02-104-02
CONTROL NO.: 3100-T02-0795

Program Manager
Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81503
ATTN: Donald Metzler

SUBJECT: Contract No. DE-AC13-96GJ87335—August 2002 Sampling at Moab, Utah

Dear Mr. Metzler:

Attached are maps and tables specifying the sample locations and analytes for monitoring at the Moab, Utah, UMTRA site. Water quality data will be collected from monitor wells and near the shore of the Colorado River at this site as part of the routine UMTRA Ground Water sampling scheduled to begin the week of August 12, 2002. Additional river samples will be collected at the bottom of the main channel at selected locations. Depth to water, depth of sample, and flow velocity at each surface location will be documented.

The following lists show the monitor wells, piezometers, and surface locations that will be sampled during this monitoring event.

Monitor Wells (filtered and unfiltered)

AMM-1	AMM-2	AMM-3	MW-1-R	MW-2-R	SMI-PZ3S	SMI-PZ3D2
ATP-1-S	ATP-2-D	ATP-2-S	ATP-3	MW-3	SMI-PZ3M	RW-01
410	413	431	434	437	440	444
411	414	432	435	438	442	445
412	430	433	436	439	443	

Piezometers (filtered and unfiltered)

TP-01	TP-02	TP-07	TP-08	TP-09	PW-8	PW-10
PW-13						

Surface Water Locations (filtered and unfiltered)

CR1	CR2-001	CR3-001	CR5	CR2B	CRC	CRE
CR2	CR3	CR4	CRA	CR2B-001	CRD	201

QA/QC samples will be collected as directed in the *Sampling and Analysis Plan for the UMTRA Ground Water Project*. Samples collected for alkalinity will be filtered only. Access agreements for the Moab site are in review and expected to be completed by the start of fieldwork. Water level



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established 1959

information will be collected from all wells and piezometers at the Moab site. Monitor well inspections will be conducted and documented to confirm the status of all sampled wells.

If you have any questions, please call me at extension 6059 or Dave Traub at extension 6557.

Sincerely,

Sam Marutzky
Project Manager

SJM/lcg/lad

cc w/o att: K. Miller
Contract File
cc w/att: C. Bahrke
J. Berwick, DOE-GJO
R. Chessmore
K. Karp
D. Traub
Project Record File MOA 19.3

Environmental Sciences Laboratory

Data Package

Moab Project Site

Moab Drilling Project

November 2002

Prepared for
U.S. Department of Energy
Grand Junction Office
Grand Junction, Colorado

Work Performed Under DOE Contract Number DE-AC13-02GJ79491
Task Order Number ST03-104

WORK SUBMITTAL TO ENVIRONMENTAL SCIENCES LABORATORY

Submittal Date 8/12/02 Date Required as submitted
Submitted By Ken Karp Signature K Karp by son
Formal ESL Report? Yes No ✓
Data Report Only? Yes No
Project: mine drilling Charge No. 110402-211
Analysis Type (check one): Kd Leaching Other ✓
water analysis

Sample Numbers +50 water samples obtained during current drilling effort

Analytes Cl, SO₄, NH₄, Conductivity, Temp, Density, U
split to Acl for TDS.

Solution Composition

Comments (attach procedure if needed)

8/12/02 Samples from clean areas submit to Acl for TDS only

Samples from tailings pile (rad) submit to Acl for analysis based on DDQ priority list - see attached.
Acl will do all processing, (filter split preserve) son

8/12/02 Will ask Acl if gross alpha/beta possible vs

Pb210, Ra210, Ra226, 228. Add alkalinity to priority #1, insert gross alpha/beta as priority #4, change Pb210, Ra210 to priority 5, Ra226, 228 to priority #6 (RM)

8/14/02 Sian met w/ Ken K, Toby W., Clay C, Laura C. and Ron C (by phone). Decided to proceed with the same priority list provided by Soral except move TDS, Alk and a couple others to 3rd priority so that all sample is not consumed before metals. Plan will stay details to Ron.

NDR 761

Project

Mote

Site

Location

MOA 439-27

Date

8/8/02

Time

0730

Matrix

H₂O

Interval

Sampler

Karp

Comments

Note: Sample contains tailings
bricks.

Mentioned in
priority.

Analyte(s)	Container Type	Number Collected	Filtered	Preservative
① Cl, SO ₄ , pH Conductivity	1 l. marge	2	N	cool
② TDS, alkalinity				
③ As, B, Be Cd Co, Cr, Cu, F, Ca Fe, K, Li, Mg, Mn Mn, Na, Ni, Sb, Si Se, Sr Th ²²⁰ , Tl U, V, Zn				
④ Pb ₂ O PO ₄ ₁₀				
⑤ NH ₃ , NO ₃ , NO ₂ -N, PO ₄ , TOC Ra 226, 228				

To: K. Karp
From: S. Morrison
July 18, 2002: Revised July 23, 2002

Ken,

Laura Cummins indicated that you requested a writeup detailing the samples that are required by the ESL to conduct the work specified in the Draft Abbreviated Work Plan (WP) for the Moab site. This memo will attempt to provide these details and will also describe Plan for Remediation (PFR) data needs given to you verbally by Clay Carpenter on July 8, 2002. In addition, some samples are needed to accomplish goals stated in the draft responses to the NAS recommendations. I was not involved in developing the geochemical data needs listed in the WP and data quality objectives were not included in the WP; thus, I am making my best interpretation of the authors intent.

Data Needs Identified by PFR Personnel (relayed verbally to Ken by Clay):

DQO 1: Determine the boundary of tailings with underlying alluvium. These data will be used to help specify the nature of the horizons that are being sampled.

- Log the lithology of all drill cores through the tailings
- Conduct natural gamma logging of tailings borings

DQO 2: Determine redox state in tailings and in alluvium beneath tailings. These data can be used to better determine if oxidation during exposure of the subpile soils will accentuate release of contamination.

- Determine DO, Eh, and concentrations of Fe, Mn, and TOC in the tailings and alluvial fluids at all locations and depths. (This activity can be combined with activities in DQO 4). Standpipes are available to collect the tailings samples.

DQO 3: Determine potential for contaminant release from subpile soils. These data will be used to help estimate the contaminant flux to groundwater by infiltration water percolating through subpile soils. Leachability was also identified as a need in the WP but only batch tests were designated and no column tests were budgeted.

- Collect 1 sample of representative (need to discuss what is representative – Laura comment, are they collected at the water table?) subpile soils from each of 3 widely spaced locations for column tests. (Sample collection activities were specified in the WP – see DQO 4). Each sample should be about 2 gallon in volume. Preference should be given to samples that are relatively sandy (if they are sufficiently representative) because of the difficulty in using fine-grained sediment in column tests.
- Fill a 2-inch diameter column and pump simulated rain water through the column. Collect samples at approximately every pore volume and continue at least until uranium concentrations decrease significantly. Analyze effluents for pH, DO, Eh, conductivity, As, Mn, Mo, NH₃, Sc, SO₄, U, and V.

2nd
Priority

Data Needs Identified in WP:

DQO 4: Determine the distribution and concentration of contaminants at multiple depths from the hardened base layer (silt?), the unsaturated zone, and from the upper saturated zone beneath the tailings pile (locations 437-439). These data will be used to help evaluate the volume of material beneath the tailings pile that will need to be removed if the relocation alternative is selected. The data will also be used in risk assessments {Clay omitted the risk assessment statement – will the data be used for RA?}, to help determine if subpile soils will afford a continuing source of contamination to groundwater, and to select samples for column leaching tests (column leaching tests will be done on samples with high concentrations; DQO 3).

- Collect approximately 6 to 10 samples from each of the 3 locations. Digest using EPA Method 3050 (Method 3050 is selected because it was used by SRK for previous analysis, it is equivalent to GJO ACL procedure ???; digestion using ???) and analyze for potential contaminants (As, Cd, Mn, Mo, NH₃(?), Ni, ²²⁶Ra, ²²⁸Ra, Se, SO₄(?), U, V), and Fe as a redox indicator. These samples need to be only several grains each but should be representative of the main lithologic units.
- Collect background samples representative of Colorado River alluvium and Moab Wash alluvium (at least 3 from each unit) and analyze with the same methods for comparison. These samples should come from a location that could not have been affected by contamination from the millsite.
- Collect groundwater samples from each location on the tailings pile at various depths. Field analyze for pH, DO, Eh, conductivity. Field filter (0.45 µm) and field analyze for alkalinity. Submit filtered samples for analysis of Al, As, B, Ca, Cd, Cl, Co, Cu, F, Fe, K, Li, Mn, Mo, Na, NH₃, Ni, NO₃, ²¹⁰Pb, PO₄, ²²⁶Ra, ²²⁸Ra, Se, SO₄, Sr, TDS, TOC, ²³⁰Th, U, ²³⁴U, ²³⁸U, V, Zn).

DQO 5. Determine the abiotic contaminant interaction between groundwater and aquifer solids. Distribution ratios will be used in groundwater flow models to help predict contaminant concentrations at future times.

- Collect 3 samples each from Colorado River alluvium and Moab Wash alluvium from the same locations as in DQO 4; at least 1 L for each sample but large enough to be representative of grain size distributions.
- Determine distribution ratios (U, NH₃) on the less-than-2 mm fractions from each of the 6 samples (ESL Procedure CB-Rd-1).
- Determine grain-size distributions for each sample to correct the Rd values for grain size.

Draft (not DOE approved) responses to NAS Recommendations:

DQO 6. Obtain data that can be used to estimate contaminant release from tailings. These data will be used to better quantify the flux of contaminated tailings water into groundwater if the pile is left in place. This scenario assumes that some water enters the tailings through the cover. One test assumes a rising groundwater table capable of bringing Colorado River composition into contact with tailings.

- Collect 1 sample of tailings from each of three widely-spaced locations. To be conservative, use samples from moderate to highly contaminated zones as defined by gamma logging results. Each sample should be about 1 gallon in volume.

Additional samples could be archived for additional future testing. Preference should be given to samples that are relatively sandy (if they are sufficiently representative) because of the difficulty in using fine-grained sediment in column tests.

- Submit a split of each sample to ACL for 3050 digestion and analyze for potential contaminants (As, Cd, Mn, Mo, NH₃(?), Ni, ²²⁶Ra, ²²⁸Ra, Sc, SO₄(?), U, V), and Fe as a redox indicator. These data will be used to help correlate column leaching results to the SRK data. The data will also be used for risk analyses.
- For each test, fill a 2-inch diameter column and pump simulated rain water through the column. Collect effluent samples at approximately every pore volume and continue at least until uranium concentrations decrease significantly. Analyze effluents for pH, DO, Eh, conductivity, As, NH₃, SO₄, U, and V.
- Collect a sample (about 20 gallons) of Colorado River water. The sample should be relatively free of suspended solids. Record the sampling location. Repeat one of the column tests using Colorado River water in lieu of simulated rain water.

DQO 7. Determine the distribution of contaminants in tailings pore water. These data will be used to better estimate contaminant mass flux from tailings into the underlying groundwater. This activity will add additional data to the work already conducted by SRK. One NAS comment was adamant about needing more pore water data.

- Collect pore fluids from various depths at 3 locations within the tailings. Field analyze for pH, Eh, DO, and conductivity. Field filter (0.45 um) and field analyze alkalinity. Standpipes are available to collect the tailings samples.
 - Collect composite samples from the wick drains.
- 3rd
activity*
- Submit for analysis of potential contaminants (Al, As, B, Be, Cd, Co, Cr, Cu, Fe, Li, Mo, NH₃, Ni, ²¹⁰Po, PO₄, ²¹⁰Pb, ²²⁶Ra, ²²⁸Ra, Sb, Se, Si, SO₄, Sr, ²³⁰Th, Th, U, ²³⁴U, ²³⁸U, V, Zn), other redox indicators (Fe, Mn, NO₂), and major ions (Ca, Cl, K, Mg, Na, NO₃).



EFFICIENCY LINE® 22-210

Mosse

MoA 01-03-0



Future City Name

MoA 01-03-02



Moab

MoA01-03-03

1 2 3 4 5 6 7 8 9 10 11 12 13
7/25/02 Three samples delivered after COB 7/25/02. Unfiltered, reaggregated.

2 3 4 5 6 7 8 9 10 11 12 13
7/29/02 Filter samples through 0.45 µm filter

6 7 8 9 10 11 12 13
Sample Date T °C Density Cond. U NH₃ Cl SO₄ AcL
MoA 435-146 7/23/02 25.1 1.04781 — 10.1 2.5 9074 3272 NOR734 n.125 ml sample/1000
444-25 7/25/02 23.7 0.9995 7160 7.6 0.5 1624 1194 735
444-50 7/25/02 23.7 1.0011 11540 1.7 1.0 3555 779 736
MQ 10 26.1 0.9960

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
Submit A split to AcL for TDS analysis. Note that hold times will be exceeded



Moan Dulling

MOA01-03-04



Moab Dulling

MOA 01-03-05

1 8/2/02 Four samples delivered after COB 8/1/02. Retrieve from K. Karp
2
3 Filter samples through 0.45 um filter

Sample	Date	T °C	Density g/cm³	Cond. μS/cm	U ug/L	NH3 mg/L	Cl mg/L	SO4 mg/L	Alc
MOA 436-20	7/31	20.7	0.9990	5220	806.2	10	854	1114	ND 756
436-10	7/31	20.0	1.0381	66600	147.4	950	24878	10984	757
436-13	7/31	20.1	1.0616	105100	4.1	8	54469	5554	758
436-180	8/1	20.5	1.0452	83300	214	22.5	40145	4784	759

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12 MQ
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15 Ref 18087
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Mark Dulling

MOA 01-03-06



Mona Dulling

MOA01-03-07



Mona Dulling

MoA01-03-08

SAMPLING LOCATION MAP(S)

The maps are not available in electronic format.
Please email moabcomments@gjo.doe.gov to request maps.