



Date: April 1, 2005
Refer To: ER2005-0195

Mr. James Bearzi
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303



SUBJECT: FIELD ACTIVITIES NOTIFICATION

Dear Mr. Bearzi:

The Los Alamos National Laboratory Environmental Stewardship Remediation Services Project is planning to start surface water and groundwater sampling in the Mortandad Canyon watershed beginning on or after April 15, 2005. This work will represent the first of two rounds of sampling conducted under the Mortandad Canyon Groundwater Work Plan, Rev. 1 (LA-UR-04-0165) which was approved by NMED in February, 2004. Work will consist of sampling at eight surface water locations, thirteen alluvial wells (dependent on extent of saturation), 5 intermediate wells, and 8 regional wells. This sampling of surface water and alluvial groundwater is expected to be completed over a period of approximately one week, and the intermediate and regional groundwater sampling will be completed within the subsequent three weeks. The list of sample locations is given in the table below.

Reaches for Surface Water Stations (8)	Alluvial Wells (13)	Intermediate Wells (5)	Regional Wells (8)
E-1FW, E-1W, E-1E, M-1W, M-1E, M-2E, TS-1W, TS-2E	MCO-0.6, MCA-1, MCA-4, MCA-5, MCO-4B, MCO-5, MCO-6, MCA-2, MCO-7, MT-1, MCO-7.5B, MT-2 or MT-3, TSCA-6	MCOI-4, MCOI-5, MCOI-6, MCOI-8, MCBT-4.4	R-1, R-11, R-13, R-14, R-15, R-28, R-33, R-34

This set of surface water locations includes those in the work plan plus two additional locations deemed by LANL to be useful for bounding key investigation reaches. Only four of the eight alluvial wells drilled in accordance with the work plan have saturation, however, nine existing wells have been added to the sampling campaign for optimal watershed coverage. Sampling will include intermediate wells that were recently installed as part of the Mortandad Canyon Groundwater Work Plan. Additionally, intermediate well MCOBT-4.4 is being sampled to document changes in contaminant concentrations that were noted in previous sampling events. The work plan calls for sampling in five regional wells, however, wells R-11, R-13, and R-14 have been added to provide a snapshot of regional groundwater conditions throughout the watershed.



Mr. James Bearzi
ER2005-0195

2

April 1, 2005

Analytical suites for each location are given in Attachment 1. These suites are consistent with Tables 5 and 6 of the approved work plan, modified by the addition of stable isotopes, TOC, VOCs, PAHs, and lanthanides for most locations.

Please contact Danny Katzman (505) 667-6333, katzman@lanl.gov if you have any questions.

Sincerely,

for CW Crivello

Gabriela Lopez-Escobedo, Program Manager
Remediation Services
Los Alamos National Laboratory

GLE/DK/ds

Enclosures: Attachment 1. Mortandad Canyon surface Water, Alluvial Groundwater, and Regional Groundwater Analytical Suites

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