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U.S. Department of Energy
 Los Alamos Area Office, MS A316
 Environmental Restoration Program
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Date: August 2, 2001
 Refer to: ER2001-0644

ENTERED

Mr. John Young, Corrective Action Project Leader
 Permits Management Program
 NMED – Hazardous Waste Bureau
 2905 Rodeo Park Drive East
 Building 1
 Santa Fe, NM 87505-6303

SUBJECT: DEVIATION FROM MATERIAL DISPOSAL AREA(MDA)-P SAMPLING AND ANALYSIS PLAN(SAP)

Dear Mr. Young:

On July 13, 2001 Bill Criswell, Roy F. Weston, Inc. Project Manager, and I met with Vickie Maranville to propose the deviations discussed below to the approved MDA-P Sampling and Analysis Plan. These changes to the SAP are necessary to accommodate field conditions. On July 23, 2001, Ms Maranville approved continued Phase II confirmation sampling as discussed. This letter is a formal notification documenting these changes.

- The quality control (QC) samples will be collected at a ratio of 1 to 10 field samples. The locations of the QC samples have been pre-selected to attempt to obtain positive results. The locations are chosen on the basis of existing field screening results obtained after completion of excavation.
- The locations of field samples will be locally adjusted from grid centers to coincide with drainages and low spots that may have concentrated contaminants.
- The core hole planned for bedrock at the toe of the landfill will not be drilled. After excavation it is apparent that the exposed toe of the landfill consists of terrace associated with the Cañon de Valle streambed. This terrace contains cobble and talus rock debris in a sandy matrix. The exposed bedrock topography on the lower slopes does not allow the placement of a drill rig.
- Sampling along the exposed toe of the landfill will consist of four exploratory pits in the terrace materials. Two samples will be collected in each pit, one from the near surface and one from above the water table. The sampling parameters will be consistent with the approved SAP. These samples will be collected with the objective to demonstrate that no contaminants have migrated from the landfill.
- The core hole planned for the former west lobe of the landfill will not be drilled. After completion of excavation it is apparent that there were no hazardous wastes associated with this area of the landfill and little potential for residual contaminants.

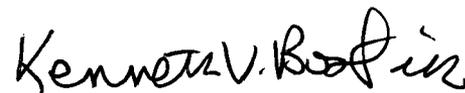


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- The two remaining planned core holes will be drilled at grids 526 and 557. These are grids that existing field screening data indicate may have the highest residual contaminant concentrations from the landfill. There is topographic indication that these cells are in locations where pre-landfill stream channels may have concentrated contaminants.
- To compensate for the 2 core holes eliminated, these 2 will be drilled to depths approximately 10-feet below the elevation of the Cañon de Valle stream channel (~60 feet each).
- We had planned to collect an air sample for volatile organic compounds (VOCs) in each of the 4 core holes. In lieu of the samples planned for the 2 core holes eliminated, additional VOC samples will be collected in the 2 core holes at grids 526 and 557. Two samples from 2 depths will be collected from each. An atmospheric blank will also be collected at each location.

If you have any questions or concerns please feel free to give me a call at (505) 667-0326.

Sincerely,



Kenneth V. Bostick
MDA-P Closure Team Leader
Environmental Restoration Project

JC/KB/TH/vn

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G. Turner, LAAO, MS A316
J. Bearzi, NMED-HWB
J. Kieling, NMED-HWB
J. Davis, NMED-SWQB
M. Leavitt, NMED-GWQB
J. Parker, NMED-DOE OB
S. Yanicak, NMED-DOE OB, MS J993
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