



TA 030  
**DEPARTMENT OF ENERGY**  
 National Nuclear Security Administration  
 Los Alamos Site Office  
 Los Alamos, New Mexico 87544



April 22, 2005

Ms. Darlene Goering, Project Leader  
 NMED – Hazardous Waste Bureau  
 2905 Rodeo Park Drive East  
 Building 1  
 Santa Fe, NM 87505-6303



Dear Ms. Goering:

Subject: Sampling Notification – SWMUs 3-010(a) and 3-001(e)

The Department of Energy (DOE) is planning to conduct characterization sampling at Solid Waste Management Unit (SWMU) 03-010(a) and SWMU 03-001(e) at Technical Area (TA) 03. The sampling is scheduled to begin on or about May 9, 2005 and to finish approximately May 15. The Groundwater Investigation Work Plan for SWMU 3-010 (a) at TA-03 (LA-UR-03-7349), as well as your letter of March 31, 2004, will be used to guide the sampling of soils and cuttings. One of the 10' hand auger//borehole locations will be extended to 60' to serve as a temporary piezometer location.

Proposed samples are described below:

Borehole ID	Estimated Number of Samples	Type of Sampling	Analytical Suite Type	Governing Document(s)
B9, B10, B11, B12, B13	45 Characterization 5 Duplicate 50 Total	Soil/Tuff Characterization Sampling	TAL Metals+Mercury Gross alpha/beta Gamma Spec, Tritium Iso Plutonium SVOCs and VOCs	(1) Groundwater Investigation Work Plan for SWMU 3-010(a) at Technical Area 3.  (2) NMED Approval with Modifications (3/31/04) of the Groundwater Investigation Work Plan for SWMU 3-010(a)
B9, B10, B11, B12, B13	5 Characterization <sup>a</sup> 5 Duplicate <sup>a</sup> 10 Total <sup>a</sup>	Alluvial Groundwater Characterization Sampling	TAL Metals+Mercury Gross alpha/beta Gamma Spec, Tritium Iso Plutonium SVOCs and VOCs	
B14, B15, B16,	6 Characterization 3 Duplicate 9 Total	Soil/Tuff Characterization Sampling	TAL Metals+Mercury Gross alpha/beta Gamma Spec, Tritium Iso Plutonium SVOCs and VOCs	
B9, B10, B11, B12, B13,	30 Characterization 30 Total	Hydrogeologic Sampling	% moisture, saturated/unsaturated hydroconductivity, % porosity, bulk density	



Notes:

<sup>a</sup> Alluvial groundwater characterization sampling will only occur if groundwater is encountered during drilling.

If you have any questions regarding this sampling, or to arrange a site visit, please contact Bob Enz at (505) 667-7640.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Gregory for". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

David Gregory  
Federal Project Director

ES:6BE-001

cc:

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