

TR 54



Environmental Stewardship (ENV)
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Date: May 19, 2006
Refer To: ER2006-0483

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



SUBJECT: NOTIFICATION OF PILOT TEST OF SOIL VAPOR EXTRACTION AS A POTENTIAL TREATMENT TECHNOLOGY FOR THE MATERIAL DISPOSAL AREA L VAPOR PLUME

Dear Mr. Bearzi:

Beginning on or around June 1, 2006, the Los Alamos National Laboratory Environmental Stewardship Division Environmental Characterization and Remediation (ENV-ECR) Group is planning to begin a Pilot Test to evaluate soil vapor extraction (SVE) as a potential treatment technology for the MDA L vapor plume. Extracted vapors will be treated prior to release using two granular activated carbon (GAC) treatment vessels plumbed in series.

Extracted subsurface vapors will be monitoring in the field using a Bruel & Kjaer (B&K) multimeter. Monitoring points will be located near the extraction borehole, upstream of the GAC treatment vessels, and downstream of the final GAC vessel. Surrounding boreholes will be monitored to evaluate the radius of influence of the SVE system. No laboratory samples will be collected as part of this task, however, quarterly monitoring activities are being coordinating to provide laboratory data during the test as verification of B&K data.

If you have any questions, please contact John Hopkins at (505) 667-9551 or at johnhopkins@lanl.gov.

Sincerely,

Gabriela Lopez Escobedo, Program Manager
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