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ENVIRONMENT DEPARTMENT

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TA-21

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

November 7, 2003

Mr. G. Pete Nanos, Director
Los Alamos National Laboratory
P.O. Box 1663, Mail Stop A100
Los Alamos, New Mexico 87545

Mr. David Gregory, Project Manager
DOE-OLASO
528 35th Street, Mail Stop A316
Los Alamos, New Mexico 87544

**SUBJECT: COMMENTS ON ADDENDUM 1 TO THE CHARACTERIZATION
SAMPLING AND ANALYSIS PLAN (SAP) FOR THE TA-21-57
ABOVEGROUND STORAGE TANK DIESEL FUEL OIL RELEASE
LOS ALAMOS NATIONAL LABORATORY
EPA ID# NM0890010515**

Dear Messrs. Nanos and Gregory:

The New Mexico Environment Department (NMED) is in receipt of Los Alamos National Laboratory and the U.S. Department of Energy's (the "Permittees") report dated August 25, 2003 and titled "Addendum 1, Additional Sampling and Analysis Plan, Assessment of Fuel Oil Contamination, TA-21-57 Fuel Storage Tank Release Investigation." NMED has reviewed the SAP and has the following comments.

The SAP is generally acceptable and addresses the majority of NMED's comments from the letter dated May 28, 2003. However, the plan does not specifically address the fracture characterization needs at the site, which include investigation of subsurface contamination related to fractures and the impact of fracture flow on contaminant transport at this site. All fractures encountered during drilling should be described in detail on the boring logs. Additionally, the field geologists should be directed to target sampling of fractures and fracture fill when determining which samples will be submitted for laboratory analyses.

NMED expects submittal of a report describing all activities performed, data collected, data analyses, and conclusions of the additional characterization of the TA-21-57 aboveground storage tank diesel fuel oil release by December 5, 2003, the date noted in the Additional



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Sampling Schedule provided with the SAP Addendum.

If you have any questions regarding these comments, please contact Carolyn Cooper of my staff at (505) 428-2539.

Sincerely,



John Young
LANL Corrective Action Project Leader
Hazardous Waste Bureau

cc: C.Voorhees, NMED DOE-OB
S. Yanicak, NMED DOE-OB, MS J993
L. Goerger, NMED PSTB
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File: Reading and LANL TA-21 (TA-21-57 AST Diesel Release)

