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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

COPY

SEP 19 1995



Teri ✓
Susan ✓

Mr. Joseph C. Vozella
Assistant Area Manager
Office of Environment and Projects
Department of Energy
Los Alamos Area Office
Los Alamos, NM 87544

Dear Mr. Vozella:

The Environmental Protection Agency (EPA) has reviewed Los Alamos National Laboratory's work plan *Sampling and Analysis Plans for Hazardous and Solid Waste Amendments (HSWA) Perched Zone Monitoring Wells and Solid Waste Management Unit 0-001 (Mortandad Sediment Traps)*. EPA approves this document with the enclosed list of modifications.

Should you have any questions, please feel free to contact Ms. Barbara Driscoll at (214) 665-7441.

Sincerely yours,

Allyn M. Davis

Allyn M. Davis
Director
Multimedia Planning and
Permitting

Enclosure

cc: Mr. Ed Kelley
New Mexico Environment Department
Mr. Benito Garcia
New Mexico Environment Department
Mr. Jorg Jansen
Los Alamos National Laboratory

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**List of Modifications
Los Alamos National Laboratory
HSWA Perched Zone Monitoring
Wells and SWMU No. 0-001**

1. 2.2 Sampling and Analysis Plan, p .4 -

- a. Next to last paragraph - LANL must conduct analysis for organics in the final quarter of ground water sampling in 1995.
- b. 6th paragraph - Please clarify what is meant by "most recent data". Also, if PID or FID readings indicate significant volatile organic contamination, then LANL should not place the purged groundwater on the ground.

2. 2.4 Schedule and Products -

- a. LANL shall provide EPA with a schedule for all sampling dates for 1995.
- b. Table 4 - LANL needs to include the detection limits for the appropriate EPA analysis method. The footnotes on this page refer to Table V, but Table V is not in the workplan.

3. 3.3 Sample Screening and Analysis, p. 11 -

LANL needs to include arsenic and lead as metals which need to be analyzed in the soil/sludge samples.

- 4. LANL shall sample the Mortandad sediment traps during 1995 and submit this information with the results of ground water sampling.