



State of New Mexico
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CERTIFIED MAIL
 RETURN RECEIPT REQUESTED

November 18, 1994

UX

Mr. Larry M. Kirkman, Acting Area Manager
 Department of Energy
 Los Alamos Area Office, A-316
 Los Alamos, New Mexico 87544

RE: RCRA Hydrogeologic Evaluation at Los Alamos National
 Laboratory (LANL) FY95

Dear Mr. Kirkman:

The New Mexico Environment Department's (NMED) Hazardous and
 Radioactive Materials Bureau's (HRMB) RCRA Program has committed
 to conducting a hydrogeologic evaluation at LANL as part of an
 EPA-New Mexico RCRA work grant negotiation for FY95. The scope
 of the hydrogeologic evaluation includes the following:

NMED shall conduct a review of the available literature
 concerning the ground-water monitoring at LANL for the
 purpose of evaluating specific hydrogeologic requirements
 outlined in LANL's HSWA Module VIII and the ground-water
 monitoring requirements of RCRA. NMED shall summarize the
 current status of knowledge pertaining to the main aquifer,
 perched-intermediate aquifer(s), and alluvial aquifers as
 determined by the literature search.

NMED shall prepare recommendations for work required by LANL
 to meet the hydrogeologic requirements outlined in the HSWA
 Module VIII. NMED shall recommend to EPA how the work
 should be conducted in order to characterize the facility-
 wide hydrogeology. The recommendations shall include
 numbers and locations of wells to be installed and depths to
 be monitored, as well as any other tests to be performed by
 LANL. Ground-water monitoring requirements shall also be
 included in the recommendation to EPA.

As past correspondence has indicated, NMED has expressed both
 technical and regulatory concerns regarding the need for an
 integrated program for a facility-wide hydrogeologic evaluation.
 NMED recognizes DOE's current efforts to develop an adequate
 ground-water monitoring system through the Ground Water
 Protection Management Program Plan (GWPMPP) and Business Plan for
 Ground Water Protection, March, 1994.

LANL HSWA 6 E. v. 1/15/95

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The potential exists for NMED's hydrogeologic evaluation to positively impact DOE's current GWPMPP efforts and to focus direction of site-specific investigations. NMED hopes to coordinate with DOE/LANL to ensure that both technical and regulatory requirements are addressed during the development of both NMED's evaluation and DOE's GWPMPP. NMED wishes to continue discussions regarding progress made from both DOE's GWPMPP and NMED's hydrogeologic evaluation in subsequent meetings with NMED and DOE/LANL.

NMED's deadline for submittal of final recommendations to EPA is September 30, 1995. NMED has begun work on this project and hopes to complete the requirements of this commitment as soon as possible. NMED is requesting available documentation, data, and information necessary to meet the RCRA work grant requirements of the NMED hydrogeologic evaluation. NMED requests access to the following information within sixty (60) days of receipt of this letter in order to meet deadlines within NMED's grant commitment to EPA, provided the information is available within DOE/LANL's archives.

- 1) A comprehensive well record which includes all borehole logs across the facility.
- 2) Review of available borehole data for construction of various cross-sections and Potential Release Site (PRS) information across the facility.
- 3) Reports of all available aquifer characteristic tests which have been conducted across the facility.

Technical data requirements for this evaluation are quite detailed concerning facility-specific information (e.g. cross-sections, structure-contour maps, isopach maps, fence diagrams, etc.). For this reason, NMED requests permission to gain access to the Facility for Information Management, Analysis, and Display (FIMAD) and LANL's library.

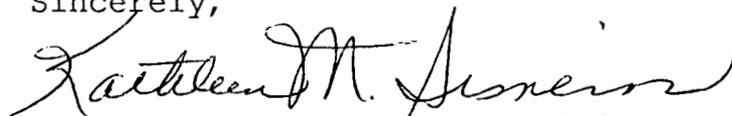
Issuance of a DOE/LANL uncleared (red) badge to Ms. Teri Davis would expedite access to the FIMAD system. Ms. Davis previously held a Q-clearance which only recently was terminated because she no longer works for the agreement-in-principle program of NMED. A DOE/LANL red badge would also aid in requested site-visits (e.g. to various springs, borehole and well locations, review of cores) across the facility and assist in NMED's access to the LANL library to conduct the required literature review. As the need arises, additional NMED RCRA personnel assigned to this project may also need issuance of an uncleared badge.

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As formerly mentioned, HRMB has developed a dialog with DOE/AIP (DOE Environmental, Safety, and Health Branch and Sciencetech) and LANL personnel through previous discussions concerning the GWPMPP. For this reason, NMED also requests that a DOE/AIP facility name be provided as a facility contact for NMED's hydrogeologic evaluation. NMED is wanting to proceed with the requirements of this project as soon as possible, therefore, NMED suggests that a facility contact name be afforded within fifteen (15) days of receipt of this letter.

Additional information may be requested as the need arises. Thank you for your attention to this matter. Should you have any questions please contact Mr. Benito Garcia of my staff at (505) 827-4358. Ms. Teri Davis or Mr. Ronald Kern of my staff at (505) 827-4308 are available to coordinate this effort with your staff at your convenience.

Sincerely,



Kathleen M. Sisneros, WWM Division Director
New Mexico Environment Department

cc: Barbara Driscoll, EPA Region VI
David Neleigh, EPA Region VI
Joseph Vozella, DOE

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Bcc: Benito Garcia, HRMB Bureau Chief, NMED
Ronald Kern, RCRA Technical Program Manager, NMED
Teri Davis, RCRA Technical Program, NMED
Barbara Hoditschek, RCRA Permitting Program Manager, NMED
John Parker, DOE Oversight Program Manager, NMED
Bruce Swanton, DOE Oversight Program Manager, NMED

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