

John

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Date: January 25, 2006  
Refer To: ENV-WQH: 06-015

Mr. Christopher F. Vick  
Ground Water Pollution Prevention Section  
Ground Water Quality Bureau  
New Mexico Environment Department  
Harold Runnels Building, Room N2250  
1190 St. Francis Drive  
P.O. Box 26110  
Santa Fe, New Mexico 87502



**SUBJECT: HYDROGEOLOGIC STUDIES OF THE PAJARITO PLATEAU:  
A SYNTHESIS OF HYDROGEOLOGIC WORKPLAN ACTIVITIES  
(1998-2004)**

Dear Mr. Vick:

Please find enclosed the following Los Alamos National Laboratory report: *Los Alamos National Laboratory's Hydrogeologic Studies of the Pajarito Plateau: A Synthesis of Hydrogeologic Workplan Activities (1998-2004)* (LA-14263-MS). This report is being provided to your agency as supporting documentation for the Laboratory's Ground Water Discharge Plan Application (DP-1132) for the Radioactive Liquid Waste Treatment Facility (RLWTF) at Technical Area (TA)-50.

This report provides a comprehensive description of the hydrogeologic setting beneath the Pajarito Plateau and Los Alamos National Laboratory. It is based on the interpretative synthesis of hydrogeologic and geochemical data collected through December 2004. Since 1998, twenty-five regional aquifer wells and six intermediate-zone wells were completed for hydrogeologic characterization. Characterization of the hydrogeologic setting was undertaken in order to fulfill regulatory requirements.

Please contact me at 505-667-7969 if you have any questions regarding this report.



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Sincerely,



Bob Beers  
Water Quality & Hydrology Group

BB/lm

Enclosure: a/s

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