

TA-49

Los Alamos

NATIONAL LABORATORY

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Date: November 3, 1994
Refer to: DIR-SIO:94-1399

Governor Jose L. Pecos
Pueblo of Jemez
P.O. Box 100
Jemez Pueblo, NM 87024

Dear Governor Pecos:

Re: Sampling at Test Well DT-5A at TA-49

A pump test at Test Well DT-5A at TA-49 is scheduled for a two-week period from November 9-23, 1994. The pump test will run continuously for the entire two weeks. Samples will be collected on a daily basis with samples being collected twice daily (morning and afternoon). A full set of samples will be collected for radiochemistry and metals. Andy Adams of EES-1 will collect samples for low-level tritium. Special emphasis on lead will be given, and lead analyses will be run on a Priority 1 status, thus giving us quick results. In addition to the filtered samples described below, an unfiltered sample will be collected every day before the filtration process begins.

Samples will be collected using a three-filter system in series. This system consists of a 1-micron filter at the head of the pipe, passing to a 0.45-micron filter, 4 ft. below, and finally to a 0.2-micron filter at the end of the hose, prior to ground contact. All pumped water will be pumped onto the ground surface. Water will be discharged on the ground away from any water course, so it will remain in the immediate area. Water will exit from a garden hose, and hose position will be rotated daily to avoid any runoff into a watercourse. The expected pumping rate is 2 gallons per minute. Approximately 43,000 gallons will be purged during the sampling event.

We are inviting tribal representation during the testing period to observe the operation. We are also providing a copy of this letter to Mr. Lloyd Suina, Director of the Pueblo Office of Environmental Protection whom you have previously designated to represent your Pueblo in the water sampling activities. We will also provide the analytical results to you as soon as they are available. If you have any questions or wish to make additional arrangements for tribal representation, please call me at 665-1453.

Sincerely,



Gilbert Suazo
Tribal Government Liaison



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