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Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA



Environmental Restoration
Environmental Restoration Project
MS M992
Los Alamos, New Mexico 87545
505-667-0808/FAX 505-665-4747

Date: February 26, 1998
Refer to: EM/ER:98-061

HJswA LANL 4/1049/L

Mr. Benito Garcia
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: LANL ALLUVIAL CHARACTERIZATION WELLS IN LOS ALAMOS AND PUEBLO CANYONS

Dear Mr. Garcia:

The Canyons Focus Area is planning to conduct field activities on or about March 9, 1998, through approximately March 20, 1998. Field activities will resume about August 1, 1998, through September 1998.

This activity will include drilling seven boreholes for installation of alluvial groundwater characterization wells in Los Alamos and Pueblo Canyons. Boreholes for PAO-5N and PAO-5S will be drilled in March and the remainder will be drilled in August and September. These alluvial wells are being installed as part of the on-going canyons investigation in accordance with the Task/Site Work Plan for former Operable Unit 1049. The design and placement of these wells will provide data for further characterization of the alluvial (perched) groundwater in these canyons. Core samples will be collected from the seven boreholes for laboratory analysis. Following completion, groundwater sampling and analysis will be conducted in all seven wells.

Samples will be collected as shown in the table on the next page.

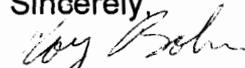
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SAMPLING INFORMATION			
Location	Number of Samples	Sample Type	Analyses
Well PAO-1	0	Core	N/A
	1	Groundwater	Radionuclides (Full Suite), Inorganics (Full Suite) Geotechnical (optional), Geochemical (optional), Hydrologic (optional).
Well PAO-2	0	Core	N/A
	1	Groundwater	Radionuclides (Full Suite), Inorganics (Full Suite) Geotechnical (optional), Geochemical (optional), Hydrologic (optional).
Well PAO-2.5	0	Core	N/A
	1	Groundwater	Radionuclides (Full Suite), Inorganics (Full Suite) Geotechnical (optional), Geochemical (optional), Hydrologic (optional).
Well PAO-3	0	Core	N/A
	1	Groundwater	Radionuclides (Full Suite), Inorganics (Full Suite) Geotechnical (optional), Geochemical (optional), Hydrologic (optional).
Well LAO-3.5	0	Core	N/A
	1	Groundwater	Radionuclides (Full Suite), Inorganics (Full Suite) Geotechnical (optional), Geochemical (optional), Hydrologic (optional).
Well PAO-5S	0	Core	N/A
	1	Groundwater	Radionuclides (Full Suite), Inorganics (Full Suite) Geotechnical (optional), Geochemical (optional), Hydrologic (optional).
Well PAO-5N	0	Core	N/A
	1	Groundwater	Radionuclides (Full Suite), Inorganics (Full Suite) Geotechnical (optional), Geochemical (optional), Hydrologic (optional).
Well LAO-4.2	0	Core	N/A
	1	Groundwater	Radionuclides (Full Suite), Inorganics (Full Suite) Geotechnical (optional), Geochemical (optional), Hydrologic (optional).

If you have any questions, please contact me at 667-0819.

Sincerely,



for David McInroy
Environmental Restoration Project

DM/ss

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