Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA

Environmental Restoration

Environmental Science and Waste Technology (E)
Environmental Restoration, MS M992
Los Alamos, New Mexico 87545
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Date: July 29, 1999
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Mr. James Bearzi
NMED-HRMB
P.O. Box 26110
Santa Fe, NM 87502

SUBJECT: 10-DAY SAMPLE NOTIFICATION VOLUNTARY CORRECTIVE ACTION AT TECHNICAL AREA 21, POTENTIAL RELEASE SITE 21-024(f) AND AREA OF CONCERN C-21-015

Dear Mr. Bearzi:

On June 3, 1999, the Los Alamos National Laboratory (LANL or the Laboratory) Environmental Restoration (ER) Project submitted a 10-day notification preceding the pre-excavation waste characterization sampling at Technical Area (TA) 21, Potential Release Site (PRS) 21-024(f), an abandoned septic system and Area of Concern (AOC) C-21-015, a former building sump (EM/ER99-141). These two sites were described in a Voluntary Corrective Action (VCA) Fact Sheet submitted to New Mexico Environment Department Hazardous and Radioactive Materials Bureau during the monthly ER Project meeting on May 19, 1999. Mr. John Kieling of your staff gave verbal approval for the action to proceed as a VCA on June 3, 1999. We delivered the VCA Plan to you on July 15, 1999, (ER 19990008/LA-UR-99-3407). PRS 21-024(f) is included in the Laboratory's Hazardous and Solid Waste Amendments Module of the Resource Conservation and Recovery Act Operating Permit.

The Material Disposal Area Focus Area conducted waste characterization sampling of the septic tank and sump contents during the week of July 26, 1999, to identify the contaminants associated with each structure and determine contaminants of concern which may be present in the septic tank outfall. Upon receipt and review of the analytical results, the septic tanks, sump and associated drainlines will be removed, samples will be collected from beneath the structures and the septic tank outfall area. The tentative schedule for these sampling activities is during the week of August 23, 1999. Samples will be analyzed for a subset of the suite of analytes identified in the waste characterization analytical results.

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Samples will be collected as shown in the table below.

Location	Number of Samples	Sample Type	Analytes
PRS 21-024(f)	14 16	Septic tank outfall Canyon below outfall	Subset of: volatiles, semi-volatiles, metals (TAL), PCBs, pesticides, soil pH, gamma spec, tritium, isotopic plutonium, isotopic uranium, isotopic thorium, and strontium 90
AOC C-21-015	8	Outline from sump	Subset of: volatiles, semi-volatiles, metals (TAL), PCBs, pesticides, soil pH, gamma spec, tritium, isotopic plutonium, isotopic uranium, isotopic thorium, and strontium 90

If you have any questions or concerns please feel free to give me a call at (505) 667-0819.

Sincerely,

David McInroy
Environmental Restoration Project

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