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Los Alamos National Laboratory/University of California
Risk Reduction & Environmental Stewardship (RRES)
Remediation Services (RS), MS M992
Los Alamos, New Mexico 87545

TA-03

Date: April 15, 2004
Refer to: ER2004-0191

Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303



**SUBJECT: SAMPLING NOTIFICATION FOR PLANNED COLLECTION OF WATER
SAMPLES AT SOLID WASTE MANAGEMENT UNIT SWMU 3-010(a) AT
TECHNICAL AREA (TA)-3**

Dear Mr. Young:

Beginning the week of April 26, 2004, the Los Alamos National Laboratory (LANL) Risk Reduction and Environmental Stewardship (RRES) Remediation Services is planning to collect water samples for Laboratory analysis at SWMU 3-010(a) at TA 3. The exact sampling dates are not defined as they are dependent upon rain fall events. This sampling and analysis is required to determine the current groundwater contaminant concentrations in monitoring well MW-1 and if concentration varies between high water versus low water level periods. This well was last sampled in 2000. One set of water samples will be collected within 24 hrs of a rainfall event totaling 0.1 in. or more. The second set of samples will be collected after a period of two weeks during which no substantial precipitation has occurred. The measuring site for precipitation is the LANL weather station at TA-6. In addition to collection for laboratory analysis, samples a rising head slug test will be performed prior to purging the well.

The RS Project will verbally confirm and/or notify the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) staff of the exact date of sampling, and of any changes to the schedule if necessary. Results from sampling and analysis will be reported in the Quarterly Monitoring Report. The sampling is summarized in the following table, which indicates the minimum number of samples to be collected:



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Applicable Plans/Documents	Location	Number of Samples	Sample Type	Analyses
Groundwater Investigation Work Plan for Solid Waste Management Unit 3-010(a) at Technical Area 3 (ER2003-0636)	TA-3, SWMU 3-010(a)	2	Water	PH, Total Dissolved Solids, Total Suspended Solids, VOCs, Tritium, and Inorganics (Na ⁺ , K ⁺ , Ca ⁺ , Mg ²⁺ , Cl ⁻ , CO ₃ ²⁻ , HCO ³⁻ , SO ₄ ²⁻)

If you have any questions or concerns please feel free to give me a call at (505) 665-7352.

Sincerely,



Gabriela Lopez Escobedo
Program Manager
Los Alamos National Laboratory

GLE/th

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