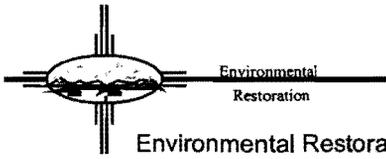


# Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA



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

Date: April 22, 1999  
Refer to: EM/ER:RC-99-016



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

**SUBJECT: REMEDIAL ACTION FOCUS AREA SAMPLING ASSOCIATED WITH PRS 15-004(f)**

Dear Mr. Garcia:

The Remedial Action Focus Area is planning to initiate a technology feasibility demonstration using material from Potential Release Sites (PRS) 15-004(f), which is listed on Table A of the Hazardous and Solid Waste Amendments (HSWA) Module of Los Alamos National Laboratory's Hazardous Waste Facility Permit. Field activities involve using an onsite portable size sorting plant (Tornado Star) to produce a "feed stock" material (<3/8 in. diameter) to be processed through a mobile soil separation unit (Thermo NuTech's Segmented Gate System - [SGS]). The Tornado Star will reduce the size of material to greatly eliminate the hazards associated with high explosives and the SGS will assay and sort uranium and HE-contaminated material into uranium-contaminated and clean (allowable) components. Samples associated with this demonstration will be collected from:

- Material "feed stock" prior to SGS processing (for characterization purposes), and
- Each processed material stream from the SGS (to determine processing efficiency).

Sampling is anticipated to begin on or about May 3, 1999. Samples will be collected as shown in the table below.

Location	Number of Samples	Sample Type	Analyses
PRS 15-004(f) (pre-SGS processing)	5	Soil	Total and TCLP metals, total and isotopic uranium, isotopic plutonium, VOCs, SVOCs, PCBs, and HE



MSWA LARUL 2/1086/15

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TA-33 (post-SGS processing)	10	Soil	Total metals and total and isotopic uranium
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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

DM/VR/se

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