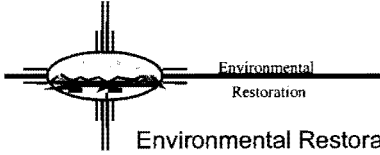


Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA



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

Date: May 3, 1999
Refer to: EM/ER:RC-99-017



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

SUBJECT: REMEDIAL ACTION FOCUS SAMPLING AT PRSs 53-002(a,b)

Dear Mr. Garcia:

The Remedial Action Focus Area is planning to initiate the RCRA Facility Investigation (RFI) of the surface impoundments associated with PRSs 53-002(a,b). The investigation will consist of collecting samples from within and surrounding the impoundments as outlined in the RFI Work Plan and SAP for TA-53 Surface Impoundments, PRSs 53-002(a,b). These PRSs are listed on Table A of the Module VIII of the Laboratory's Hazardous Waste Facility Permit. RFI activities involve sampling:

- the sludge remaining in each surface impoundment,
- the clay liner in PRS 53-002(a),
- the media underlying the liners in each surface impoundment,
- the media surrounding both surface impoundments,
- the media underlying influent pipes and discharge lines, and
- media from the associated drainages.



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These RFI samples are anticipated to be collected on or about May 24 through July 16, 1999. Samples will be collected as shown in the table below.

Location	Number of Samples	Sample Type	Analyses
PRS 53-002(a) (NW Impoundment)	60	Sludge/Clay Liner/Tuff	Metals, VOCs, SVOCs, Chromium VI, PCBs, Gamma Spec, Isotopic Pu, and H-3
PRS 53-002(a) (NE Impoundment)	77	Sludge/Clay Liner/Tuff	"
Between NW&NE Impoundments	9	Tuff	"
PRS 53-00(b) (S Impoundment)	56	Sludge/Sand Layer below Gunite Liner/Tuff	Metals, VOCs, SVOCs, Chromium VI, PCBs, Organochlorine pesticides, Chlorinated Herbicides, Gamma Spec, Isotopic U, Isotopic Pu, Sr-90, and H-3
Extent Around Impoundments	39	Soil/Tuff	"
Sandia Canyon Tributary	24	Sediment	"
Influent Pipes and Discharge Lines	45	Underlying Sand Layer/Tuff	"
Outfall Drainage Area	81	Soil/Sediment/ Tuff	"

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

Mr. Benito Garcia
EM/ER:RC:99-017

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May 3, 1999

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