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 Risk Reduction & Environmental Stewardship (RRES)  
 Remediation Services (RS), MS M992  
 Los Alamos, New Mexico 87545  
 (505) 667-0808/FAX (505) 665-4747

TA-19

Date: July 7, 2004  
 Refer To: ER2004-0371

Mr. James Bearzi, Bureau Chief  
 NMED – Hazardous Waste Bureau  
 2905 Rodeo Park Drive East  
 Building 1  
 Santa Fe, NM 87505-6303



**SUBJECT: SAMPLING NOTIFICATION, SWMU 19-001-99 (FORMER EAST GATE LABORATORY)**

Dear Mr. Bearzi:

The Los Alamos National Laboratory (LANL) Risk Reduction Environmental Stewardship–Remediation Services project is planning to conduct sampling associated with the accelerated corrective action (ACA) at consolidated Solid Waste Management Unit (SWMU) 19-001-99, Technical Area (TA)-19. The sampling is scheduled to begin on or about July 15, 2004 and continue through the end of the month. The ACA Work Plan for SWMU 19-001-99, submitted in January 2004 (LA-UR-04-0119)—as approved with modifications by the NMED on June 23, 2004—will be used to guide the sampling of soils potentially contaminated by former laboratory operations at the site, as summarized in the attached table.

If you have any question regarding this sampling, or to arrange a site visit, please contact Terry Rust at (505) 665-8843.

Sincerely,

David McInroy  
 Deputy Project Director  
 Remediation Services



Depth (feet, bgs)	Sample Description Type and Location	Field Screening Analysis	Fixed Laboratory Analysis	Total Number of Samples for Field Screening Analysis	Estimated Number of Samples for Fixed Laboratory Analysis
0-0.5 and 3.5-4.0	Soil/tuff samples collected at 31 locations inside AOC C-19-001	PAHs PCBs XRF metals	VOCs SVOCs PCBs Pesticides Dioxins/Furans Radionuclides TAL metals	62	13
0-0.5 and 3.5-4.0	Soil/tuff samples collected from 5 locations on the northern slope of the mesa			10	10
0-0.5 and 3.5-4.0	Soil/tuff samples collected from 3 locations on the southern slope of the mesa			6	6
0-0.5	Soil/tuff samples collected after soil removal			4	4
0-0.5 and 3.5-4.0	Field duplicate samples			8	3
0-0.5	Soil/tuff samples collected at previous VCA sample locations			20 <sup>a</sup>	4
0-0.5	Soil/tuff samples collected at previous RFI sample locations			PCBs	PCBs

<sup>a</sup>Three of the original VCA sample locations are approximately 1 foot from one other VCA sample location; each of these "pairs" were consolidated into one single location for the resampling. Additionally, three of the original VCA sample locations are approximately 1 foot apart; these three locations were consolidated into one single location for the resampling. Thus, the total number of locations was reduced from 25 original VCA locations to 20 being proposed for the resampling.

DM/TR/th

Cy:

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- RRES-RS File, MS M992
- IM-5, MS A150
- RPF, MS M707