

# Los Alamos

NATIONAL LABORATORY  
Environmental Restoration Project  
Los Alamos, New Mexico 87545  
**CLEAN UP LOS ALAMOS...**  
*faster, better, cheaper!*

Date: January 17, 1995  
MS: M992  
Phone: 505-667-0819  
Refer to: EM/ER:95-M001

*Barbara  
Ron  
→ file*

*Teri  
Susan H.*

*1A-2*

Mr. Ted Taylor, Program Manager  
U.S. Department of Energy  
Los Alamos Area Office, MS A316  
Los Alamos, NM 87544

JAN 18 1995

Dear Mr. Taylor:

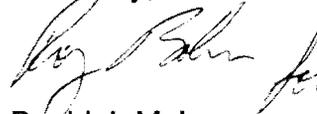
## SUBJECT: NOTIFICATION OF FIELD ACTIVITY FOR FIELD UNIT 4

Two field projects will be conducted during the fiscal year of 1995 in support of Field Unit 4 ( former Operable Unit 1098). Surface sampling will commence on or about January 30, 1995, and continue to the end of March 1995. Borehole operations will commence on or about April 15, 1995, and continue to the end of July 1995.

Surface sampling will consist of 92 soil samples and 26 sediment samples (from sumps and catch basins). Borehole sampling will consist of 125 to 150 samples from 42 boreholes.

The readiness review for this sampling activity was conducted on December 15, 1994. If you have any questions or concerns, please feel free to give me a call.

Sincerely,



David J. McInroy  
Environmental Restoration Program

DJM/lyv

Enclosure: Contaminant List

Cy: J. Jansen, EM/ER, MS M992  
D. McInroy, EM/ER, MS M992  
CRM-4, MS A150, (w/o enclosure)  
A. Pratt, EES-13, MS J591  
RPF, MS M707



3118

*TV*

Mr. Ted Taylor  
January 17, 1995  
EM/ER:95-M001  
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Benito Garcia  
Hazardous & Radioactive  
Materials Bureau  
New Mexico Environment Dept.  
525 Camino de los Marquez  
Santa Fe, New Mexico 87502

Bruce Swanton  
Hazardous & Radioactive  
Materials Bureau  
New Mexico Environment Dept.  
525 Camino de los Marquez  
Santa Fe, New Mexico 87502

Barbara Driscoll  
RCRA Perrnits Branch  
U. S. Environmental Protection Agency  
Region 6  
1445 Ross Avenue  
Dallas, TX 75202-2733

**POTENTIAL CONTAMINANTS OF CONCERN  
BASELINE CHARACTERIZATION FOR TA-2 AND TA-41**

<b>Potential Contaminant of Concern</b>	<b>Level III Method</b>
Gross alpha/beta	Gas flow proportional counter
Cesium-137	Gamma spectrometry
Strontium-90	Gas flow proportional counter
Technetium-99	Gamma spectrometry
Uranium (total)	ICP (EPA method 6010)
Plutonium (isotopic)	Radiochemical separation and alpha spectrometry
Cobalt-60	Gamma Spectrometry
Tritium	Distillation and liquid scintillation
Mercury (soil/sediment)	EPA Method 7470, Cold Vapor
Mercury (water)	EPA Method 245.1, Manual Cold Vapor Technique
Inorganics* (including lead, chromium, and beryllium)	EPA Method 6010, ICP
Semivolatile organics*	EPA Method 8270
Volatile organics*	EPA Method 8240
Organochlorine pesticides*	EPA Method 8080
Gross gamma	Gamma spectrometry

\*20 percent of surface soil/sediment and transact samples will be analyzed for Appendix IX inorganics, semivolatile organics, volatile organics, and organochlorine pesticides.