

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

DATE: January 31, 1994
IN REPLY REFER TO: EM/ER:94-A033
MAIL STOP: M992
TELEPHONE: (505) 667-0819

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

Dear Mr. Taylor:

We are planning to proceed with the soil sampling for Operable Unit 1078, Western Sanitary Waste Line, on February 10, 1994. Enclosed please find a detailed schedule of the planned activities. Due to the possibility of bad weather conditions, we are going to keep the exact dates (probably two days) flexible. However, we will notify your office 48 hours in advance prior to sampling.

The readiness review for this sampling event was conducted on January 20, 1994. We will have a brief meeting prior to sampling to ensure all issues have been addressed.

If you have any questions or concerns please feel free to give me a call.

Sincerely,

Dave McInroy
Programmatic Project Leader

DM/vvm

Enclosure: Schedule of Planned Activities

- Cy: T. Baca, EM, MS J591
- S. Slaten, DOE-LAAO, MS A316
- K. Hargis, EM-8, MS K490
- R. Vocke, EM/ER, MS M992
- P. Aamodt, EM/ER, MS M992
- RPF, MS M707
- CRM-4, MS A150, (w/o enclosure)

*BARBARA,
FAXED per Steve SLATEN'S
request
DAVE*



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016*

Mr. Ted Taylor
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Benito Garcia
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 Permits Branch
U. S. Environmental Protection Agency
Region 6
1445 Ross Avenue
Dallas, TX 75202-2733

Table 1

**Soil Sample Analyses for Pre-characterization Investigation at Western Sanitary Waste
Line SWMUs 1-001 (s, u)**

Borehole Location	Number of Boreholes	Isotopic Plutonium (Ion-ex./ alpha spec.)	Isotopic Uranium (Ion-ex./ alpha spec.)	Gross Alpha, Gross Beta, Gamma Spec., Cesium 137, Americium 241, Cobalt 60, Strontium 90, Beryllium 90	12 RCRA Metals (Total Analysis) Methods 6010/7470/7000	SVOCs (Total Analysis) Method 8270	VOCs (Total Analysis) Method 8260	PCBs/ Pesticides (Total Analysis) Method 8080	TCLP
Location 1A	2	1	1	6	2	1*	1*	1	*
Location 2	1	1	1	3	1	1*	1*	0	*
Location 3	1	1	1	3	1	1*	1*	0	*
Location 4	1	1	1	3	1	1*	1*	1	*
Location 5	1	1	1	3	1	1*	1*	1	*
Location 6	2	1	1	6	2	1*	1*	1	*
Location 7	1	1	1	3	1	1*	1*	1	*
Location 8	2	1	0	6	2	1*	1*	0	*
Location 9	1	1	0	3	1	1*	1*	0	*
Location 12	2	1	0	6	2	1*	1*	0	*
Location 13	2	1	0	6	2	1*	1*	0	*
Replicates		2	1	0	11	2*	2*	1	*
Total # of Soil Samples		13	8	48	27	13*	13*	6	

Minimum number of samples to be collected, additional samples will be collected dependent on evidence of a release.

* TCLP analysis will be conducted for all samples with constituent concentration that exceed 20 times the TCLP limit.