



Department of Energy
Field Office, Albuquerque
Los Alamos Area Office
Los Alamos, New Mexico 87544

MAR 08 1994

File 57

Glenn Saums, Program Manager
Point Source and Regulation Section
New Mexico Environment Department
1190 St. Francis Drive
P. O. Box 26110
Santa Fe, NM 87502

Dear Mr. Saums:

This letter is in regard to the remediation of mercury contamination at Solid Waste Management Unit (SWMU) 3-010(a).

Per your letter of request to the Department of Energy (DOE) Los Alamos Area Office (LAAO) dated January 21, 1994, we are informing you that a remediation alternative for cleanup at SWMU 3-010(a) has been selected. We have chosen a primarily in-house approach for treatment and disposal because, among several considerations, it offers the needed expediency for implementing a solution. This cleanup option includes removal of what sampling data has generally suggested to be three layers of contaminated soil. The top layer of soil, defined by the presence of high levels of mercury some of which is free liquid, will be drummed in approximately 30 barrels to be stored at Technical Area (TA) 54, Area L, until treatment makes it possible for final disposal at TA-54, Area G. The second layer of soil, which will be confirmed during excavation to a depth where screening shows an absence of radioactive constituents, will be removed in bulk and shipped to TA-54. The final layer of soil containing only oil and some mercury will be drummed separately and shipped to Arizona under a currently existing contract.

Enclosed is a current schedule for the next few months of activity at SWMU 3-010(a). It includes a projected date for field work readiness review of March 9, 1994, and a date of April 17, 1994, for initiation of removal of the top layer of soil. You are cordially invited to observe any phase of the removal activities, which are expected to continue into June of this year.

Should you have any questions or comments, please call me at 665-7203. You may also talk with Bonnie Koch, Scientech, at



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TA-03

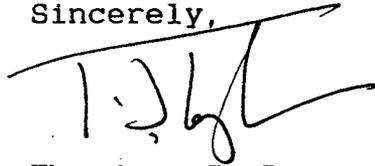
Glenn Saums

2

MAR 08 1994

667-5793, to help you arrange site visits during removal activities.

Sincerely,



Theodore J. Taylor
Program Manager
Environmental Restoration Program

LESH:7TT-017

Enclosure

cc w/enclosure:

Barbara Driscoll
RCRA Permits Branch
U. S. EPA, Region 6
1445 Ross Avenue
Dallas, TX 75202-2733
W. Spurgeon, EM-452, HQ
T. Taylor, ES&H, LAAO
H. Decker, NMED-AIP, LANL,
MS-K571
T. Baca, ERWM, LANL, MS-J591
RPF, LANL, MS-M707
K. Boardman, ERPO, AL

cc w/o enclosure:

B. Koch, Scientech, LAAO
K. Schenck, Scientech, LAAO
D. McInroy, EM/ER, LANL,
MS-M992
G. Allen, CST-6, LANL, MS-E525
A. Puglisi, ESH-8, LANL,
MS-K490

Operable Unit 1114
Updated Mercury VCA Schedule

ID	Name	Duration	Scheduled Start	1994																		
				May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
37	Prepare Other Readiness Review Documentation	20d	2/9/94												████████							
38	Conduct Readiness Review	1d	3/8/94																			
39	Collect Hg & Rad Samples in Lower Region	1d	4/7/94																			
40	Obtain Lower Region Sample Analysis	15d	4/8/94																			
41	Drum Liquid Hg & Rad Surface Soils in "Hot Spot"	10d	4/7/94																			
42	Hg & Rad "Hot Spot" Removed	0d	4/20/94																			
43	Collect Rad Confirmation Samples	1d	4/21/94																			
44	Obtain Confirmation Sample Analyses	15d	4/22/94																			
45	Remove Bulk Soil to TPH=??	10d	5/13/94																			
46	Dispose of Bulk Soil as "Special Waste" in Landfill	5d	5/27/94																			
47	Collect Final Confirmation Samples	1d	5/27/94																			
48	Obtain Final Confirmation Sample Analyses	20d	5/30/94																			
49	Reclaim Site (Backfill, grade, revegetate)	5d	6/27/94																			
50	VCA Field Operations Complete	0d	7/1/94																			
51	Prepare VCA Report	60d	7/14/94																			
52																						
53																						
54	SELECT "TARGET VISIBLE MERCURY" OPTIO	0d	1/28/94																			
55	Develop Details of Approach	10d	1/28/94																			
56	Prepare for Field Operations	21d	2/8/94																			
57	Prepare Site Specific HASP	20d	2/9/94																			
58	Prepare Waste Management Plan	20d	2/9/94																			
59	Prepare Other Readiness Review Documentation	20d	2/9/94																			
60	Conduct Readiness Review	1d	3/8/94																			
61	Collect Hg & Rad Samples in Lower Region	1d	4/7/94																			
62	Obtain Lower Region Sample Analysis	15d	4/8/94																			
63	Drum Liquid Hg Surface Soils in "Hot Spot"	10d	4/7/94																			
64	Hg "Hot Spot" Removed	0d	4/20/94																			
65	Remove Bulk Soil to TPH=??	10d	4/21/94																			
66	Dispose of Bulk Soil in Area G, TA-54	5d	5/5/94																			
67	Collect Final Confirmation Samples	1d	5/5/94																			
68	Obtain Final Confirmation Sample Analyses	20d	5/6/94																			
69	Reclaim Site (Backfill, grade, revegetate)	5d	6/3/94																			
70	VCA Field Operations Complete	0d	6/9/94																			
71	Prepare VCA Report	60d	6/10/94																			

◆ ← Key Indicator Sent to the State

◆ ← Site Mitigation Complete