



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 27TH SUPPORT GROUP (TAC)
CANNON AIR FORCE BASE, NM 88103



28 APR 1992

Mr Benito Garcia
New Mexico Environment Department
Hazardous and Radioactive Material Bureau Chief
P. O. Box 26110
Santa Fe, New Mexico 87502



Re: Landfill 5 Excluding Cell 3

Dear Mr Garcia

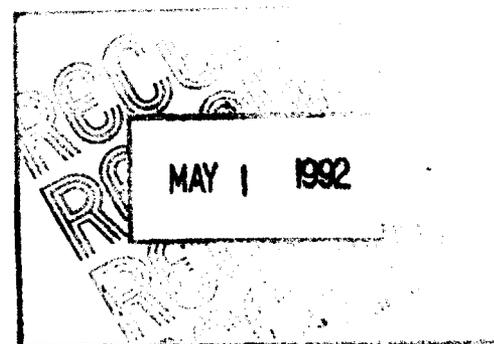
We have reviewed the comments by David Morgan dated 11 Sep 91 and your suggestions dated 12 Feb 92. In order to make a funding decision for next fiscal year on Landfill 5, excluding Cell 3, we have developed the following plans for your review and comment:

Plan A - Proceed with the design of a cap for the rest of the landfill based on the latest design of the cap for Cell 3. This would require a simple geotechnical investigation to determine the lateral extent of the landfill. Installation of a soil cap and continuing the ground water monitoring program would provide the greatest protection of human health and the environment short of the total removal of the contents and treatment and disposal at another location.

Plan B - Develop a statement of work for a remedial investigation of the entire landfill. This investigation would consist of the following:

- Geophysical survey to delineate vertical and horizontal boundaries of the landfill;
- Soil gas survey on a 50 foot grid to locate areas of greatest contamination;
- Soil borings beneath the bottom of the landfill to determine downward migration of contaminants;
- Geotechnical studies to be utilized in design of corrective actions; and,
- Vadose zone modeling to determine contaminant transport through the vadose zone.

Our recommendation is to proceed with Plan A since that will provide a final solution to the entire landfill site and the only future expenses would be for maintenance of the cap and ground water monitoring. If you have any objections with our proceeding with Plan A, please respond by 15 May 92.



If you have any questions, please contact Mr. Jim Richards or Mr. Bruce Hale at 784-4348.

Sincerely

A handwritten signature in cursive script that reads "David E. Benson". The signature is written in black ink and includes a long horizontal flourish extending to the right.

DAVID E. BENSON, Colonel, USAF
Commander

cc: EPA Region 6, William Honker
HQ TAC/CEV