

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

December 10, 1981

Mr. Jerry Michaluk
Ecology Aids, Inc.
P.O. Box 152045
Tampa, Florida 33684

RE: Approval for use of Sanifoam as cover for landfills

Dear Mr. Michaluk:

In response to your request for approval of Sanifoam for use as cover material on solid waste disposal sites, this material has been evaluated by the Special Analytical Laboratory and Ground Water Section of the department. Based on these evaluations, and the information provided by Sanifoam, Inc. and Dr. Sidney I. Firstman, and discussions with Mr. Ernis Strauss the material appears to be suitable for use as initial cover for solid waste deposits.

It is anticipated that no harmful effects on landfills or ground waters will result from the use of Sanifoam for initial cover. Initial cover is defined in Chapter 17-7 Florida Administrative Code as a six inch layer of compacted earth or other suitable material as approved by the department, used to enclose a volume of solid waste prior to intermediate cover. Because of the breakdown characteristics of the material, Sanifoam is not suitable for intermediate or final cover.

The material should be spread over compacted waste in a layer one and one half inches to two inches thick (1½" - 2") to form a continuous layer, absent of voids. It should be mounded to cover objects that may protrude through the foam that could have the effect of a channel or void. Proper compaction will minimize such occurrences.

Permitting of landfills is a function of the Division of Environmental Permitting which is accomplished in our district offices. Use of Sanifoam on landfills is subject to permit conditions which are set by the permitting office to reflect local circumstances. The Division of Environmental Permitting will be informed that your product may be used for initial cover, subject to local conditions.

Mr. Jerry Michaluk
December 10, 1981
Page two

We would appreciate receiving additional information about the product performance as it is developed. The lysimeter testing that will be done by Dr. Firstman is of special interest.

Thank you for your cooperation in this matter.

Sincerely,

John A. Reese

John A. Reese, Engineer
Solid Waste Section

JAR/dt

cc: Pickens Talley