

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



SOUTHWEST DISTRICT

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DR RICHARD D GARRITY
DISTRICT MANAGER

November 27, 1985

Gary Breeden Director of Public Works
Sumter County
Post Office Drawer A
Bushnell, FL 33513

Dear Mr Breeden

Re Sumter County Landfill-Operating Permit Renewal

4060C 000 92

The application for an operating permit for the Sumter County Landfill, received on October 31 1985 has been reviewed by the Department. The following additional information or clarifications are needed to complete the application

- 1 Your application indicates that the landfill property is owned by Sumter County. Please confirm this.
- 2 The aerial photograph provided in response to item 5 was not taken within one year of permit application as required.
- 3 A ten year old application for this landfill indicates that the site is entirely enclosed by a barbed wire fence. Is this still the existing means to restrict access?
- 4 The figures included in the Groundwater Monitor Plan for the Sumter County Landfill, dated June 14, 1984 do not satisfy the requirements for a plot plan. Item 6 of the application requires that your plot plan illustrate the proposed trenching plan and cross sections showing both original and proposed fill elevations.
- 5 Engineering drawing should be provided in sufficient detail and with design dimensions elevations slopes or grades to illustrate how the landfill and associated features will be constructed.

Liner material (soil or synthetic) and installation including a liner installation quality control plan should be described and illustrated. Leachate generation, control system and treatment should be described and illustrated. Details of trench construction should be given as well as phases of filling such as sequence of lifts vehicle routing elevations of excavations and their relationship to water table and soil layers.

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6 A gas control system for new trenches should be addressed. For the closed trenches at least a methane check should be proposed.

7 The stormwater management system should be described and illustrated in sufficient detail to show how it is constructed, the volumes of water to be handled and how stormwater will be controlled to keep it from mixing with leachate. Ditch dimensions and gradients and retention/detention pond details should be shown (drainage retention area).

8 Item 7 f of the application requires cross sections showing both original and proposed fill elevations.

9 Figure 1 of the Groundwater Monitoring Plan shows generally the portion of the site that was filled as of January 13 1984. This information should be updated showing the actual locations and dimensions of each trench that has been filled. There is no information to indicate that these trenches were properly closed in accordance with Section 17-7 07 F A C.

10 Please show that the Sumter County Landfill has equipment sufficient for excavating, spreading, compacting, covering operations and other transportation and earthmoving needs. What arrangements does the county have to provide alternate equipment within 24 hours following equipment breakdown? What are the landfill's communication facilities for use in emergencies?

11 The response to Item 8 j of the application does not describe how the stormwater, leachate and gas control systems are to be operated.

12 Item 9- Water Quality Standards. Rather than what will be done once contamination is detected, please describe and illustrate how new trenches will be constructed to prevent water quality violations for Class G-II groundwaters at the boundary of the zone of discharge according to Sections 17-3 402 and 17-3 404, F A C. Also demonstrate how the minimum criteria for groundwater specified in Section 17-3 402 F A C will not be violated within the zone of discharge.

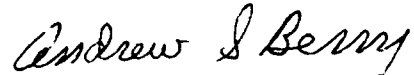
13 Your groundwater monitoring plan was approved on March 22 1985. According to Section 17-4 245(6)(f) F A C, implementation of the monitoring plan should already have been initiated. Please submit results or the status of initial sampling for Primary and Secondary Drinking Water Standards, as required.

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Once the above information is received, we will resume our review of the application. Please contact me if you have any questions.

Sincerely,



Andrew S Berry
Environmental Specialist

ASB/lgb

cc John Reese
John Springstead