

file  
June 30, 1975

Clay County - SW  
Landfill Permits

Mr. John Bowles  
Clay County Engineer  
P. O. Box 666  
Green Cove Springs, Florida 32043

Dear John:

Please note that as your permit application for "Blanding Central Landfill" has not been completed, the application cannot be processed without receiving the items marked in red ink on the attached sheet.

The solid waste disposal sites in your county are operating without valid permits. This office asks that you provide the completed application for "Blanding Central Landfill" and a statement of intent regarding the plan for the other four existing disposal sites within fifteen (15) days. Necessary enforcement actions may be initiated against Clay County after July 15, 1975 if no response is received.

Your attention in this matter will be appreciated.

Yours very truly,

J. P. Bender  
Industrial Waste Engineer

JPB:TC:vk

attachment

4. Soils Survey which shall include
  - A. Depth to seasonal high watertable
  - B. Soil Series
  - C. Soil Drainage Class
  - D. Flooding
  - E. Permeability
  - F. Slope
  - G. Soil Texture (dominant to depth of 60")
  - H. Depth to bedrock
  - I. Stoniness Class
  - J. Rockiness Class
5. Equipment -- Discuss
  - A. Present - types, sizes, numbers
  - B. Proposed - types, sizes, numbers
6. Discuss projected amount of waste to be handled including basis for projection.
7. Operating procedures - explain methods of
  - A. Controlling the length and width of the working face
  - B. Disposing of large items, special industrial, and hazardous wastes
  - C. Confining papers to the site
  - D. Waste handling in the wake of a natural disaster
  - E. Emergency provisions for insect and rodent control
  - F. Providing adequate site supervision
  - G. Controlling unauthorized fires
  - H. Maintaining an all weather access road
  - I. Posting operating hours, fee schedule, waste restrictions, the name, address and phone number of the operating agent
  - J. Locating signs to direct traffic
8. Land Disposal Data Form

NOTE: Additional information may be required as determined by the Department.

Sanitary landfill including milled refuse disposal sites requirements  
Required Attachments  
(Submit in the order listed)

1. Maps

- A. A location map drawn to a scale of one inch equals one half mile showing the contours and elevation of the area surrounding the site.
- B. A topographic map of the site drawn to a scale not to exceed one inch equals two hundred feet showing existing and final grades.

2. Drawings which shall include:

- A. Property lines
- B. Land use including existing habitations; other structures; public roads and highways; shallow and deep wells; trees; etc.
- C. Area and depth of the proposed fill
- D. All borrow areas
- E. Location and elevation of surface and highest ground waters
- F. A wind rose to show prevailing winds
- G. Special provisions for surface and subsurface drainage and erosion control
- H. Leachate treatment and control provisions
- I. Necessary provisions for gas control
- J. Method of operation and completion
- K. Cross sections showing typical lifts not to exceed ten feet compacted depth of refuse
- L. The necessary grade for proper drainage of each lift and the final grade of the completed operation
- M. Locations of stockpiled cover material
- N. Access routes, approach roads and on-site roads
- O. Fencing, direction and information signs.
- P. Weighing facilities, locker room; toilet and shower facilities; equipment shelter, and wash-out facilities
- Q. Locations of existing and proposed utilities
- R. Fire Control and potable water supply locations

3. Hydrogeological Report which shall include:

- A. Thickness and character of the overburden (soil)
- B. Character of bedrock
- C. Depth of the water table and potentiometric surfaces
- D. Depth to the shallow ground water aquifer and artesian aquifer
- E. Local and regional ground water flow systems
- F. Chemical quality of surface and ground water. (See Page 24 - A Handbook for Sanitary Landfills in Florida for list of substances to be tested for.)
- G. Frequency and extent of flooding of the area.
- H. Nature and volume of the waste materials to be buried