

Manatee



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

April 20, 1990

Mr. Daniel Gray
Manatee County Public Works
Solid Waste Department
4501 - 66th Street West
Bradenton, Florida 34210

Re: Lena Road Landfill
Revised Groundwater Monitoring Plan
Permit No's.: S041-118353, SC41-095658, SC41-095667

Dear Mr. Gray:

This is to acknowledge receipt of revised groundwater monitoring plans for Stages I II, and III of the Lena Road Landfill as required by the above referenced permits.

This letter constitutes notice that a permit modification will be required for your project pursuant to Chapter(s) 403, Florida Statutes.

Your application for a permit modification is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.


The following information is needed in support of the solid waste application [Chapter 17-701, Florida Administrative Code (F.A.C.)]:

1. According to the review of Ardaman's March 28th report, several items require further clarification. The following information is requested by Mr. Charles Markun, P.G., of this office:
 - a. background water quality data for wells CW-1, CW-2, SA-2
 - b. justification for using SMR-1 and SMR-2 as background wells for the surficial and confined aquifers
 - c. water table elevation and piezometric contour maps for evaluating SMR-1, SMR-2, MW-1, CW-5, SA-1, and SA-3
 - d. comments on the toxicity of the leachate
 - e. explanation of anticipated leachate volumes, possibly using the HELP model.

2. The statement in the March 28th report, "the direction and rate of groundwater movement away from the landfill toward the leachate collection system at anytime in the life of the landfill will depend on the groundwater mound with respect to the water level in the leachate collection system" raises concerns. As we can expect, mounding will occur inside the slurry, and the greater the mounding, the greater chances are of downward leakage of pollution that does not make it to the collection system. Please describe the monitoring of the mounds to insure that the leachate actually makes its way into the collection system and doesn't just keep mounding up into the garbage. A monitoring well toward the center of each slurry wall area is requested to monitor the mounds to verify the effectiveness of each slurry wall system.

As this request serves as a summary of all remaining items needed to complete this submittal, we will expect to receive the requested information within the next 30 days. If you cannot provide this information within 30 days, please contact us and arrange an appropriate schedule thru which the information can be provided. If we cannot reach a satisfactory agreement concerning timely submittal of this information, the Department will be placed in the position of denying this request for a permit modification. Therefore, if there are points which must be discussed and resolved, please contact me at (813) 623-5561, extension 382 to arrange a meeting.

Sincerely,



Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab

cc: Charles Markun, P.G., DER Tampa
Ernest Weeks, DER Tampa
Hubert Stangland, P.E., Ardaman & Associates