

Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

July 16, 2002

RECEIVED

JUL 22 2002

Solid Waste Section

David B. Struhs
Secretary

Mr. Gary Bennett
Sarasota County
4000 Knights Trail Road
Nokomis, FL 34275

**Re: Food Composting Facility
Pending Permit #200819-001-SO, Sarasota County**

Dear Mr. Bennett:

This is to acknowledge receipt of your permit application for the food composting research/demonstration/development project to be located at the existing CCSWDC.

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

Your application for a permit is incomplete. This is the Department's 1st request for additional information. 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 [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]. Please provide:

1. **62-701.300.** Please provide information which indicates that each of the prohibitions will not be violated during operation of the facility.
2. **62-701.320(8).** Please publish the attached Notice of Application and provide proof of publication to the Department.
3. **62-709.500(1).** Specifications for all construction materials are requested, including but not limited to: 1) the "crushed concrete" to demonstrate that it will be impervious and contain leachate; and 2) the base material to demonstrate that the mixing pad, compost pad, and curing pad will not rut or settle under the loading of the front-end loader or other heavy equipment.
4. **62-709.500(2)(b) and (c).** Site plans (for construction, not "conceptual") signed and sealed by a professional engineer, including: 1) construction details for berms, walls and floors (for the mixing pit and curing pad) with elevations to show that all leachate will be contained; 2) original elevations and

"More Protection, Less Process"

Printed on recycled paper.

- proposed final contours for the entire facility; 3) plan and cross-sections details for each pump station/holding tank with elevations; 4) details for all drains, valves, piping, and connections from each pump station/holding tank to the existing leachate forcemain; and 5) seasonal high water table elevation.
5. **62-709.500(3)**. Design details with elevations and supporting calculations for the stormwater management system.
 6. **62-709.500(4)(f)**. A description of on-site fire protection and control provisions is requested.
 7. **62-709.500(5)(c)**. A description of types of "prohibited materials" and recyclable debris from the curing pad is requested.
 8. **62-709.500(5)(g)**. A description of operation and maintenance for manual and automatic leachate pumping and removal including: 1) operation of all related valves and hoses, 2) method and frequency of cleaning containers and pads, 3) conditions for opening and closing "slide gates", 4) elevations of float switches in pump stations, and 5) use of a pump truck as a contingency only. Calculations for containment are requested for the mixing pad and curing pad to demonstrate all stormwater/leachate will be contained for a 100 year storm.
 9. **62-709.500(7)(a)**. Clarification is requested regarding the composting facility surfaces to meet the requirements of this rule. "Crushed concrete" does not appear to meet these requirements.
 10. **62-709.500(7)(b)**. Clarification is requested regarding the composting facility containment and removal of leachate. 1) How will stormwater coming in contact with the waste be removed when each "tank" is full for the mixing pad and curing pad? 2) How will stormwater and washdown water be contained for the compost pad from spillage while loading the bags, cutting the bags, and relocating the compost from the compost pad to the curing pad? 3) What is the source of washdown water and where will related piping, hoses, and connections be located? 4) Where will leachate piping, hoses, valves and connections be located for leachate reuse for wetting the mixture, and for automatic pumping to the existing leachate forcemain and storage tank? 5) Is each "tank" intended to meet the leachate storage tank requirements of Rule 62-701.400(6)? (Leachate storage tanks must be designed to meet the requirements of 62-701.400(6), however, pump stations with automatic controls for removal of leachate are not subject to these same requirements.)
 11. **62-709.510**. The facility shall be operated in a manner, with any needed measures taken, to control vectors and odors. The list of persons (by name and with phone number) to be contacted in the event of an emergency or to implement contingency plans are requested.

Mr. Gary Bennett
Sarasota County

July 16, 2002
Page Three

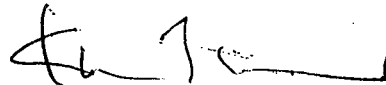
12. **62-709.530.** Recordkeeping. a) Forms for all recordkeeping are requested. b) Documentation to demonstrate sampling and testing in accordance with an approved quality assurance plan is requested. c) Frequency of all testing, and of providing records and test results to the Department, is requested. d) List of sampling parameters for the leachate and the compost is requested.

Please provide all responses that relate to engineering required for design and operation, signed and sealed by a professional engineer. Responses that relate to the facility design and operation should be included as part of the Construction/Operation Plan. All replacement pages should be numbered, and with revision date. To expedite the review process, on one set of the revisions to the narrative reports, deletions may be struckthrough (~~struckthrough~~) and additions may be shaded (shaded**) or similar notation method.**

"NOTICE! Pursuant to the provisions of Section 120.600, F.S., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after you receive this letter, responding to as many of the information requests as possible and indicating when a response to any unanswered questions will be submitted. If the response will require longer than 30 days to develop, you should develop a specific time table for the submission of the requested information for Department review and consideration. Failure to comply with a time table accepted by the Department will be grounds for the Department to issue a Final Order of Denial for lack of timely response. A denial for lack of information or response will be unbiased as to the merits of the application. The applicant can reapply as soon as the requested information is available."

You are requested to arrange a meeting with FDEP staff to discuss the items in this letter prior to responding. Please submit your response to this letter as one complete package with an original and two copies of all correspondence. If there are points which must be discussed and resolved, please contact me at (813) 744-6100, extension 382.

Sincerely,



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

KBF/ab
Attachment

cc: Mike Sosadeeter, Resource Management Group, Inc.
Paul Wingler, P.E., Sarasota County
Susan Pelz, P.E., FDEP Tampa
Francine Joyal, FDEP Tallahassee

62-110.106(5). Notices: General Requirements.

Each person who files an application for a Department permit or other approval may publish or be required to publish a notice of application or other notice as set forth below in this section. Except as specifically provided otherwise in this paragraph, each person publishing such a notice under this section shall do so at his own expense in the legal advertisements section a newspaper of general circulation (i.e., one that meets the requirements of sections 50.011 and 50.031 of the Florida Statutes) in the county or counties in which the activity will take place or the effects of the Department's proposed action will occur, and shall provide proof of the publication to the Department within seven days of the publication.

62-110.106(6). Notice of Application. Publication of a notice of application shall be required for those projects that, because of their size, potential effect on the environment or natural resources, controversial nature, or location, or reasonably expected by the Department to result in a heightened public concern or likelihood of request for administrative proceedings. If required, the notice shall be published by the applicant one time only within fourteen days after a complete application is filed and shall contain the name of the applicant, a brief description of the project and its location, the location of the application file, and the times when it is available for public inspection. The notice shall be prepared by the Department and shall comply with the following format:

**State of Florida
Department of Environmental Protection
Notice of Application**

The Department announces receipt of an application for permit from Mr. Gary Bennett of Sarasota County for construction and operation of a food composting facility, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, Nokomis, Sarasota County, Florida.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-1352.