



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

April 28, 1992

Mr. John Springstead, P.E.
Springstead Engineering
727 South 14th Street
Leesburg, FL 34748

4060C00092 M ✓

Re: Sumter County Solid Waste Facilities	
Permit No.:	Type of Permit
SO60-211179	Solid Waste Composting
WT60-211205	Waste Tire Storage
SO60-211182	M.R.F.
SF60-211255	Long-Term Care
SC60-211181	Leachate Treatment

Dear Mr. Springstead:

This is to acknowledge receipt of your permit application.

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

Your applications for permit 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 required in support of the solid waste application [Chapters 17-701, Florida Administrative Code (F.A.C.)]:

1. Proof of publication of notice of application as per FAC Section 17-701.030(6), see attachment.
2. Provide documentation of Sumter County's possession of an approved Comprehensive Quality Assurance Plan (CQAP) for the sampling and analysis as required for the facility. You are requested to work directly with Ms. Sylvia Labie of the QA Section in Tallahassee to obtain approval of the quality assurance plan.
3. Updated financial responsibility cost estimates for long-term care of the closed landfill. Approved cost estimates will be forwarded to Mr. Fred Wick of the Solid Waste Section in Tallahassee. You are requested to work directly with him to obtain approval of Sumter County's financial responsibility documents.

4. Your response to Mary Yeargan's April 28, 1992 attached memorandum. Ms. Yeargan may be contacted at (813) 620-6100, extension 376. Please submit a revised updated groundwater monitoring plan that complies with F.A.C. Rule 17-28.700.
5. A fire safety survey conducted and documented by the local fire protection authorities for the subject facilities.
6. Describe the "temporary contingency" use of the lined cell. Solid waste that is not milled must be covered within 24 hours or transferred to a permanent Class I solid waste disposal facility within 48 hours. This Department requires the location of the permanent disposal site for residuals (30% of the total solid waste or 20 tons) not recycled or composted?

Composting

7. How long will it take to empty the lined cell of fluff with use of the existing composting areas only?
8. Provide surveyed cross-sections of the existing compost pad areas located over the closed landfill.

Leachate Treatment

9. Describe in detail your plans for effluent discharge. Treated leachate may not go to the percolation pond or surface water management system unless data indicates that the discharge will meet drinking water standards.
10. Provide water balance calculations to show the volume of leachate that can be evaporated by recirculation.
11. Provide calculations indicating the time required to remove and eliminate leachate stored in the existing lined pond and cell by recirculation only.
12. Describe how the planned leachate equalization basin will meet the current requirements for a double liner as specified in F.A.C. Rule 17-701.050.

Waste Tire Storage

13. Indicate the location for waste tire storage on a drawing.
14. Describe how waste tires are transported. Are the waste tires processed before transporting? Where are the waste tires taken for processing and/or disposal?

Mr. John Springstead
Springstead Engineer

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Long-Term Care

15. Please provide professional conclusions and recommendations regarding the evaluation of the landfill closure including:
 - a. Effectiveness and results of a groundwater investigation.
 - b. Effects of surface water runoff, drainage patterns and existing stormwater controls.
 - c. Extent and effects of methane gas migration.
 - d. Type and condition of existing cover and its effectiveness as a leachate control mechanism.

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 17-12.070(5), F.A.C., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department will 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 90 days to develop, an application for new construction should be withdrawn and resubmitted when completed information is available. For operating permits, 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."

If there are points which must be discussed and resolved, please contact me at (813) 620-6100, extension 382.

Sincerely,



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

KBF/ab
Attachments

cc: Garry Breeden, Sumter County
Fred Wick, DER Tallahassee
Sylvia Labie, DER Tallahassee
Robert Butera, P.E., DER Tampa
Steve Morgan, DER Tampa
Mary Yeargan, DER Tampa

State of Florida
Department of Environmental Regulation
Notice of Application

The Department announces receipt of an application for permit from Sumter County Public Works for permits for solid waste composting, waste tire storage, materials recovery, long-term care, and leachate treatment at the closed Sumter County Landfill, located near I-75 and C.R. 470, north of Bushnell, Sumter 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 Regulation, Southwest District Office, 4520 Oak Fair Boulevard, Tampa, Florida 33610-7347.



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Kim Ford, P.E.

THROUGH: Robert Butera, P.E. II *RB*

THROUGH: Diane Trommer, P.G. II *DT*

FROM: Mary Yeargan, E.S. II *Mary*

DATE: April 28, 1992

SUBJECT: Sumter County Solid Waste Management Facility and
Closed Class I Landfill
Permit No. S060-211179/SC60-211181/S060-211182/
SF60-211255

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The Groundwater Cleanup Section has reviewed the subject solid waste permit applications for Sumter County, dated March 30, 1992, and has initial comments. This application should include a Groundwater Monitoring Plan that meets the requirements of Section 17-28.700, Florida Administrative Code, (F.A.C.) The Groundwater Monitoring Plan (GWMP) should be a complete document that can stand alone. The applications only refer to March 22, 1985 groundwater monitoring requirements for Permit Number S060-30674 which were established prior to site improvements such as the use of the site as a composting facility. Geological information and analytical data for the last permitted period should be summarized and evaluated to determine whether the existing Groundwater Monitoring Plan is sufficient for this application. Until this information is submitted to the Department, a review cannot be provided.

- 1) Monitor well construction details and lithology logs, including elevations, should be provided. Geologic cross-sections, from east to west and north to south, should be constructed that illustrate the various lithologies and their relationships.
- 2) Water level information for each monitor well for each sampling event should be provided in tabular form (including top of casing elevations, depth to water, monitoring interval length, and corresponding water level elevations) and in graphic form showing the interpretation of the groundwater flow direction to verify the direction of groundwater flow and to estimate fluctuations in the water table.
- 3) A recent potentiometric map for the Floridan aquifer must be provided.

- 4) The depth(s) of the trenches within the Closed Class I landfill was not discussed or provided.
- 5) Land use information for the area surrounding the landfill should be provided. A current well survey should be provided.
- 6) A summary of analytical data for all sampling periods should be provided in tabular form. All parameters which have exceeded maximum contaminant levels should be graphically displayed over time to evaluate the trends. Analytical data for leachate indicator parameters should also be graphically displayed over time to evaluate the trends. Once this information is provided, monitoring parameters can be evaluated.
- 7) Are there to be monitor wells associated with the new leachate collection system?
- 8) The Material Safety Data Sheet (MSDS) for the B.D. Compost Starter should be provided.
- 9) Within Section 3, Leachate Treatment Facility, there was no discussion concerning the testing and disposal of sludges generated in the leachate treatment facility. There was no discussion regarding the testing and monitoring of effluent from the leachate treatment facility. There was no discussion concerning the quantity of treated leachate that will be routed to the existing stormwater retention area and whether the pond can handle the additional flow.
- 10) All sampling and analyses should be conducted in accordance with a Department approved Comprehensive Quality Assurance Plan (Comp QAP) to comply with the requirements of Chapter 17-160, F.A.C. Documentation of a Department approved Comp QAP for all sampling and analyses should be provided.
- 11) Section 17-4.050(3), F.A.C., states that where required by Chapter 471 or 492, Florida Statutes (F.S.), applicable portions of permit applications and documents which are submitted to the Department for public record shall be signed, sealed and dated by the professional(s) who prepared or approved them. Geological portions of documents and submittals should be signed, sealed and dated by a Florida registered professional geologist in accordance with Chapter 492, F.S., and engineering portions of documents and submittals should be signed, sealed and dated by a Florida registered professional engineer in accordance with Chapter 471, F.S.

Please have the applicant respond to the items above. If you have any questions, please call.