

**N O T I C E   O F   M E E T I N G**

Today's date: 9/11/92 Writer: Mary Yeargan

Date of meeting: 9/21/92

Time: 2pm

Place: Air Conf.

Subject: Sumter Co. Landfill

Explanation: discussion of comments on GWMP

Requested by: Springstead Eng Ph.# 904-787-1414

Names of attendees other than DER: Jim Dunaway, et al

Local Program notified: ☐ yes ☒ no Attending? \_\_\_\_\_

Copies to anticipated in-house attendees:

Bob Butera

Diane Trommer

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Information copies to:

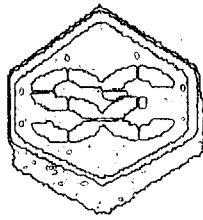
Kim Ford

Steve Morgan

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Springstead  
Engineering, Inc.

## MEMORANDUM

DATE: September 16, 1992

TO: Garry Breedon

FROM: John W. Springstead, P.E. *[Signature]*

Re: Sumter Co. Landfill  
921100.00

We have rescheduled our meeting of Thursday, September 17, 1992 until Monday, September 21 @ 2:00 p.m. with Mr. Ford, Mr. Butera and Ms. Yergan of the Florida Department of Environmental Regulation (FDER) in Tampa regarding the above referenced project.

If you would like to attend, please let me know.

JWS/jal

CC: Ms. Yergan

(BREEDON.MEM)

Post-It® brand fax transmittal memo 7671		of pages > 1
To <i>Ms. Yergan</i>	From <i>John Springstead</i>	
Co. <i>DER</i>	Co. <i>Springstead Eng</i>	
Dept.	Phone # <i>787-1414</i>	
Fax #	Fax # <i>787-7221</i>	



Sumter GUMP

## 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

August 26, 1992

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

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

Your applications for a permit remain 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 [Chapter 17-701, Florida Administrative Code (F.A.C.)]:

1. Provide documentation of Sumter County's possession of an approved Comprehensive Quality Assurance Plan (CQAP) for the sampling and analysis as required for the referenced facility. Documentation must show that the QA plan approved also includes compost testing. You are requested to work directly with Ms. Sylvia Labie of the QA Section in Tallahassee to obtain approval of the quality assurance plan. Pending approval, current status is not adequate.
2. Provide updated financial responsibility cost estimates for long-term care of the closed landfill. The attached Financial Responsibility checklist is to be used for the cost estimates. Cost estimates shall be reviewed by the District and upon approval 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.

3. Provide your response to Mary Yeargan's August 26, 1992 attached memorandum. Ms. Yeargan may be contacted at (813) 620-6100, extension 376.
4. Provide a fire safety survey conducted and documented by the local fire protection authorities showing their satisfaction for the subject facilities.
5. Provide water quality data for the leachate and treated effluent and design criteria and calculations for the design of the leachate treatment facility, filter, ozonation, and disinfection. What is the expected quality of the leachate after treatment? For example, indicate the maximum levels for BOD<sub>5</sub>, TSS, TN, TP, Chlorides, TDS, heavy metals, fecal coliform, and TOC.
6. Provide data to show the quantity of leachate that can be reused to maintain the correct composting moisture for new, semi mature, and curing windrows.
7. Replace sprayheads with a type that will eliminate drift and drip off the compost pad.
8. Revise the leachate pond design using a pipe boot through the side of the liner rather than through the bottom of the liner.
9. Describe measures to correct settlement and ponding over the closed areas.
10. Please provide professional conclusions and recommendations regarding the evaluation of the landfill closure including the extent and effects of a recent gas migration investigation. Provide plans for further gas monitoring in and around buildings and the landfill including repairs to broken gas vents.

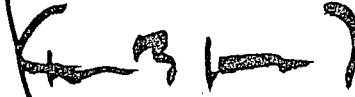
"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 17-12.070(5), F.A.C., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department will issue a final order denying your application. If the response will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

Mr. John Springstead  
Springstead Engineer

August 26, 1992  
Page Three

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

Sincerely,

A handwritten signature in dark ink, appearing to read 'Kim B. Ford', with a stylized flourish at the end.

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

KBF/ab  
Attachments

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

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION  
FINANCIAL RESPONSIBILITY CHECKLIST

I GENERAL INFORMATION:

ID No. \_\_\_\_\_

Facility Name: \_\_\_\_\_ Permit No.: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Address (Main Entrance): \_\_\_\_\_

Address (Mailing): \_\_\_\_\_

Permittee (Operating Authority): \_\_\_\_\_ Facility Lat/Long: \_\_\_\_\_ Fill Acreage: \_\_\_\_\_

TYPE OF LANDFILL:

- ☐ Class I  
☐ Class II  
☐ Class III: Trash/Yard Trash  
☐ Exempt; Type of Exemption: \_\_\_\_\_

Closure Plan Approved:

☐ Yes  
☐ No

Reviewing Person (Include Title): \_\_\_\_\_ Date: \_\_\_\_\_

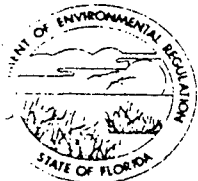
II GENERAL SOLID WASTE LANDFILL:

A. Type of Financial Document Submitted to Ensure Financial Responsibility:

- ☐ Trust Fund Agreement  
☐ Letter of Credit  
☐ Insurance Certificate  
☐ Standby Trust Fund Agreement  
☐ Performance Bond (only for landfills with an approved closure plan)  
☐ Financial Guarantee Bond  
☐ Escrow Account  
☐ Other (Explain): \_\_\_\_\_

C. General Solid Waste Landfill Estimated Itemized Annual Cost of Long Term Care.

<u>ITEM</u>	<u>UNIT COST</u>	<u>TOTAL ANNUAL COST</u>	<u>SOURCE OF ESTIMATE</u> (third party work)
1. GROUNDWATER MONITORING Quality Sampling	_____	_____	_____
2. GAS MONITORING	_____	_____	_____
3. MAINTENANCE OF LEACHATE COLLECTION SYSTEM AND GROUNDWATER MONITORING WELLS	_____	_____	_____
4. COLLECTION AND DISPOSAL/ TREATMENT OF LEACHATE	_____	_____	_____
5. BENCHMARK MAINTENANCE	_____	_____	_____
6. LANDSCAPE MAINTENANCE Mowing Fertilizing Sprinkling	_____ _____ _____	_____ _____ _____	_____ _____ _____
7. MAINTENANCE OF COVER INTEGRITY AND SURFACE WATER CONTROLS	_____	_____	_____
8. REMEDIAL ACTION	_____	_____	_____
TOTAL ANNUAL COST OF LONG TERM CARE _____			



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. III *meif*

DATE: August 26, 1992

SUBJECT: Sumter County Solid Waste Management Facility and  
Closed Class I Landfill  
Permit No. SO60-211179/SC60-211181/SO60-211182/  
SF60-211255

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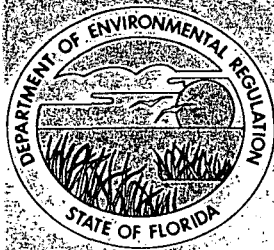
The Groundwater Cleanup Section has reviewed the response to request for additional information for the subject solid waste permit applications for Sumter County, dated July 29, 1992, and has the following comments.

- 1) In our previous review, it was stated that the 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. Although geological information and analytical data for the last permitted period was summarized for this submittal there was no evaluation to determine whether the existing Groundwater Monitoring Plan is sufficient for this facility. A map that illustrates all three closed Class I landfill cells, the extent of the zone of discharge and the location of the monitor wells relative to the zone of discharge should be provided and the implication of the seasonally fluctuating groundwater flow direction should be evaluated. Until this evaluation is submitted to the Department, a complete review cannot be provided.
- 2) The Groundwater Elevation Contour Maps in Appendix C do not illustrate the Phase I, Phase II, and Phase III-Class I landfill areas, but it appears that there are no downgradient monitor wells to the south and southeast of the closed Class I areas. Recommendations for monitor wells in these areas should be proposed.

- 3) It was noted in our previous review that monitor well MW-3 was installed through twenty feet of garbage which is in direct contact with a limestone unit. This was commented upon since this situation provides for potential degradation of the Floridan aquifer. Additionally, the Class I landfill cell may extend farther to the north than previously noted on the site map.
- 4) Monitor well MW-3 has been dry since installation, therefore, this well should be properly abandoned to protect the underlying aquifer.
- 5) It was stated in this submittal that the lithologic information from the borings and monitor well installation reports, for this facility, was of insufficient quality to interpret on the geologic cross-sections. The purpose of the borings, prior to construction of a landfill, is to determine the lithology and the suitability of a site for landfilling purposes. Although the spatial relationship are not correctly represented on these cross-sections, there are general geologic relationships that can be and should be discerned with some degree of reliability.
- 6) The water table should be illustrated on the cross-sections. The most recent seasonal high and low water table as measured from the monitor wells should be used.
- 7) The analytical parameters for this permit should be expanded due to the inconsistencies in the monitoring data. A recommendation for additional parameters should be included in the next response. With additional parameters quarterly monitoring should be adequate.
- 8) The issue of additional monitor wells associated with the new leachate collection system can not be addressed until the groundwater monitoring evaluation is complete.
- 9) As the CompQAP for Springstead Engineering is approved pending and this status was to expire on August 7, 1992 if the plan was not resubmitted, the District should be provided with Quality Assurance documentation by Springstead Engineering. The table of contents and the title page of the approved CompQAP, which meets the requirements of 17-160, should be submitted as documentation.
- 10) For future reference, depth to water measurements shall be reported in hundredth of a foot rather than in inches. Also, we had requested that groundwater elevations be provided as well as depth to water measurements.

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





# 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

June 25, 1992

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

Re: Sumter County Solid Waste Facilities

Permit No.:

SO60-211179

WT60-211205

SO60-211182

SF60-211255

SC60-211181

Type of Permit

Solid Waste Composting

Waste Tire Storage

M.R.F.

Long-Term Care

Leachate Treatment

Dear Mr. Springstead:

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

Your applications for permit remains 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. Provide documentation of Sumter County's possession of an approved Comprehensive Quality Assurance Plan (CQAP) for the sampling and analysis as required for the referenced 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. Pending approval, current status is not adequate. Additionally, documentation must show that the QA plan approved also covers compost testing. The attached QA Form is to be used for the compost.
2. Updated financial responsibility cost estimates for long-term care of the closed landfill must be provided. The attached Financial Responsibility checklist is to be used for the cost estimates. 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.
3. Your response to Mary Yeargan's June 25, 1992 attached memorandum. Ms. Yeargan may be contacted at (813) 620-6100, extension 376.

4. A fire safety survey conducted and documented by the local fire protection authorities for the subject facilities must be provided.
5. Describe the "temporary contingency" use of the lined cell. This Department requires the location of a permanent disposal site for the residuals (30% of the total solid waste or 20 tons) that are not recycled or composted. This information is required for issuance of an operation permit.

#### Composting

6. How long will it take to empty the lined cell of fluff with use of the existing composting areas only and the two newly constructed composting areas? Please provide waste balance calculations to verify the amount of time needed. Your last response indicates there may be serious operational problems that need to be corrected before an operation permit can be issued if three to four years is required to remove the shredded waste from the lined cell. Please demonstrate that all waste entering the facility can be composted with equipment presently constructed. In addition, determine how much waste entering the site will be disposed of elsewhere. Shredded waste will not be allowed to accumulate at the site, except in emergency situations for a specified limited amount of time.

#### Leachate Treatment

7. Describe in detail your plans for effluent discharge. Treated leachate may not be discharged to the percolation pond or surface water management system unless data indicates that the discharge will meet drinking water standards. Construction plans and data are required to approve the construction of the treatment plant.
8. Provide water balance calculations to show the volume of leachate that can be evaporated by recirculation. These calculations shall include consideration of:
  1. how leachate will be recirculated;
  2. detailed plans for layout and operation;
  3. capacity of the windrows to absorb leachate;
  4. hours of operation;
  5. extended period of rainfall and;
  6. conditions for no recirculation.

Assuming it rains 18 inches in 60 days. Explain in detail each component of the composting, treatment, and recirculation operation.

Mr. John Springstead  
Springstead Engineer

June 25, 1992  
Page Three

9. Leachate in the lined cell shall be no more than 1 foot in depth. Explain how this will be assured at all times and verify the depth of leachate in the lined cell at this time.

Long-Term Care

10. Please provide professional conclusions and recommendations regarding the evaluation of the landfill closure including the extent and effects of a recent gas migration investigation.

"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  
FINANCIAL RESPONSIBILITY CHECKLIST

GENERAL INFORMATION:

LD No. \_\_\_\_\_

Facility Name: \_\_\_\_\_ Permit No.: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Address (Main Entrance): \_\_\_\_\_

Address (Mailing): \_\_\_\_\_

Permittee (Operating Authority): \_\_\_\_\_ Facility Lat/Long: \_\_\_\_\_ Fill Acreage: \_\_\_\_\_

TYPE OF LANDFILL:

- ☐ Class I  
☐ Class II  
☐ Class III: Trash/Yard Trash  
☐ Exempt; Type of Exemption: \_\_\_\_\_

Closure Plan Approved:

☐ Yes  
☐ No

Reviewing Person (Include Title): \_\_\_\_\_ Date: \_\_\_\_\_

II GENERAL SOLID WASTE LANDFILL:

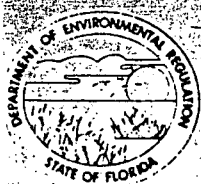
A. Type of Financial Document Submitted to Ensure Financial Responsibility:

- |   |  |
|---|--|
| <input type="checkbox"/> Trust Fund Agreement         | <input type="checkbox"/> Performance Bond (only for landfills with an approved closure plan) |
| <input type="checkbox"/> Letter of Credit             | <input type="checkbox"/> Financial Guarantee Bond  |
| <input type="checkbox"/> Insurance Certificate        | <input type="checkbox"/> Escrow Account  |
| <input type="checkbox"/> Standby Trust Fund Agreement | <input type="checkbox"/> Other (Explain): _____  |

D. General Solid Waste Landfill Estimated Itemized Closure Cost for the Time Period in the Landfill Operation When the Extent and Manner of its Operation Makes Closing Most Expensive

C. General Solid Waste Landfill Estimated Itemized Annual Cost of Long Term Care.

<u>ITEM</u>	<u>UNIT COST</u>	<u>TOTAL ANNUAL COST</u>	<u>SOURCE OF ESTIMATE</u> (Third Party Work)
1. GROUNDWATER MONITORING Quality Sampling	_____	_____	_____
2. GAS MONITORING	_____	_____	_____
3. MAINTENANCE OF LEACHATE COLLECTION SYSTEM AND GROUNDWATER MONITORING WELLS	_____	_____	_____
4. COLLECTION AND DISPOSAL/ TREATMENT OF LEACHATE	_____	_____	_____
5. BENCHMARK MAINTENANCE	_____	_____	_____
6. LANDSCAPE MAINTENANCE Mowing Fertilizing Sprinkling	_____ _____ _____	_____ _____ _____	_____ _____ _____
7. MAINTENANCE OF COVER INTEGRITY AND SURFACE WATER CONTROLS	_____	_____	_____
8. REMEDIAL ACTION	_____	_____	_____
TOTAL ANNUAL COST OF LONG TERM CARE		_____	_____



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 6-25-92*

THROUGH: Diane Trommer, P.G. II *DT 6-25-92*

FROM: Mary Yeargan, E.S. III *my 6/25/92*

DATE: June 25, 1992

SUBJECT: Sumter County Solid Waste Management Facility and  
Closed Class I Landfill  
Permit No. SO60-211179/SC60-211181/SO60-211182/  
SF60-211255

.....

The Groundwater Cleanup Section has reviewed the response to request for additional information for the subject solid waste permit applications for Sumter County, dated May 29, 1992, and has the following comments. As previously stated, the 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. Although geological information and analytical data for the last permitted period was summarized for this submittal there was no evaluation to determine whether the existing Groundwater Monitoring Plan is sufficient for this facility. Until this information is submitted to the Department, a complete review cannot be provided. We do, however, have the following comments:

- 1) A monitor well construction detail was provided which indicates that the wells were constructed with 2 foot screens and no bentonite seal between the screen and the cement seal. According to the Appendix E of the Environmental Compliance Branch Standard Operating Procedure and Quality Assurance Manual for the U. S. Environmental Protection Agency which deals with well construction, a well screen less than 5 feet shall not be employed except for temporary monitor wells. It is also stated that a seal is to be placed on top of the filter pack which consists of a high solids, pure bentonite material. The specific construction details for all monitor wells should be provided.

- 2) It should be noted that monitor well MW-3 was installed through garbage which is in direct contact with a limestone unit.
- 3) The geologic cross-sections for this submittal were incomplete. Typically, geologic cross-sections illustrate the geologic relationships of the various lithologic units. Additionally, cross-section D-D' depicts monitor well MW-5 as being approximately 35' deep contrary to the lithology log which shows that monitor well MW-5 is approximately 170' deep.
- 4) Water level information for each monitor well for each sampling event was provided and top of casing elevations, ground elevations, and bottom elevations were provided. We are assuming that the well elevation data are NGVD and the water level data is actual depth to water measurements. The monitoring interval length was not provided.
- 5) The Groundwater elevation contour maps in Appendix F need some explanation. The asterisks seem to denote monitor well locations, but do not coincide with monitor well locations on the map provided in Appendix D. The data by each asterisk does not appear to correspond with the data provided in tabular form. The contours do not reflect the numerical values printed by each asterisk.
- 6) Due to the depth(s) of the trenches within the Closed Class I landfill, the trenches should be illustrated on the cross-sections, when actual depths within an area are known. The water table should also be illustrated on the cross-sections.
- 7) There have been extreme variations in analytical data for this facility which need to be addressed. A discussion of the groundwater quality at this site should be provided and the possibility that this site may need to be referred to the Compliance and Enforcement Section of Solid Waste should be evaluated.
- 8) The issue of additional monitor wells associated with the new leachate collection system can not be addressed until the groundwater monitoring evaluation is complete.
- 9) Within Section 3, Leachate Treatment Facility, there was no discussion concerning the testing and disposal of sludges generated in the leachate treatment facility. An estimate of the range in volume of treated leachate that will be routed to the existing stormwater retention area and what



Kim Ford  
Sumter County

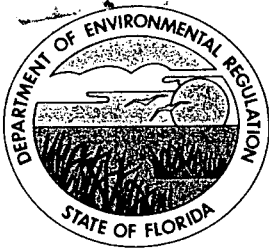
page 3  
June 25, 1992

range in volume the pond can handle should be provided.

- 10) Documentation of a Department approved Comp QAP for all sampling and analyses should be provided.

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

MEY



*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

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

April 28, 1992  
Page Three

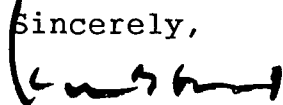
Long-Term Care

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

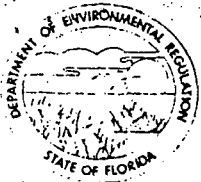
KBF/ab  
Attachments

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 *my*

DATE: April 28, 1992

SUBJECT: Sumter County Solid Waste Management Facility and  
Closed Class I Landfill  
Permit No. SO60-211179/SC60-211181/SO60-211182/  
SF60-211255

.....

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 SO60-30674 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.