

# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## PERMITTEE

Sumter County Public Works Dept.  
Mr. Garry Breeden, Director  
222 E. McCollum Ave.  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: **SC60-263199**  
Date of Issue: 07/22/96  
Expiration Date: **06/01/2001**  
County: Sumter  
Lat/Long: 28°44'30"  
82°05'20"  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Materials Recovery  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **construct and operate** a Materials Recovery Facility, referred to as the Sumter County Materials Recovery Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located at the Sumter County Solid Waste Management Facility, 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **construction and operation** of:

1. Material Recovery Facility

**Replaces applicable conditions of Permit Number: SO60-211179**

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.



**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

**GENERAL CONDITIONS:**

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
  - 1. the date, exact place, and time of sampling or measurements;
  - 2. the person responsible for performing the sampling or measurements;
  - 3. the dates analyses were performed;
  - 4. the person responsible for performing the analyses;
  - 5. the analytical techniques or methods used;
  - 6. the results of such analyses.

PERMITTEE: Sumter County Public Works Dept.  
Mr. Garry Breeden, Director

PERMIT NO.: SC60-263199  
Materials Recovery Facility

**GENERAL CONDITIONS:**

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a resource recovery facility for materials recovery, sorting and recycling, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-28, 62-330, 62-520, 62-522, 62-550, and 62-701 Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.
2. **Permit Application Documentation.** This permit is valid for operation of the material recovery facility and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

Modification of Application for Permit to Construct a Materials Recovery Facility for the Composting Facility - Sumter County Solid Waste Management Facility, signed and sealed December 8, 1995;

Request for Additional Information Pending Permit No. SC60-263199, dated February 22, 1996;

Additional information dated March 28, 1996;

Plan Sheets titled, Sumter County Solid Waste Management Facility New Materials Recovery Facility, signed and sealed December 8, 1995, including sheets 7, 8, 10 and 10a as revised, signed and sealed February 22, 1996;

Facility Operations Manual and Facility Maintenance Manual, prepared by RRT Design and Construction Corp., dated April 24, 1996 (received June 24, 1996);

and in accordance with all applicable requirements of Department rules.

Amended NOV 12 1996 .

3. **Permit Modifications.**
  - a. This permit is valid for the construction and operation of the new materials recovery facility. Upon completion of construction of the facility, the permittee shall request a minor modification to this permit to allow the operation of this facility. This minor modification request may be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.  
Amended NOV 12 1996 .

- b. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts, and which requires a detailed review by the Department, is considered a substantial modification.

**SPECIFIC CONDITIONS:**

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Certification of Construction Completeness.** No later than **thirty (30) days** after the completion of construction, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to, details such as the as-built details of the leachate collection system, processing equipment installation, building details, floor slopes, pipe invert elevations, pit details, etc.

c. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

6. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

7. **Facility Operation Requirements.**

a. Material shall not be accepted or received at the facility for processing or storage prior to:

- 1) Submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above;
- 2) Submittal of the Operations and Maintenance Manual required by Specific Condition #7.b. below; and
- 3) Compliance with the financial assurance requirements in Specific Condition #14.a. and #14.b below.

b. No later than **sixty (60) days** prior to the receipt of waste at the facility, the permittee shall provide a comprehensive facility Operations and Maintenance Manual to the Department. The Operations and Maintenance Manual shall include all procedures necessary for the effective operation and maintenance of the facility and equipment.

**SPECIFIC CONDITIONS:**

(Specific Condition #7 cont'd)

c. The permittee shall operate this facility in accordance with F.A.C. 62-701.700; the information and drawings as listed in Specific Condition #2 above; the Operations and Maintenance Manual required by Specific Condition #7.b. above; and any other applicable requirements.

d. Litter shall be collected at least once daily.

e. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, unprocessed materials and residuals shall be removed and transported to an appropriately permitted disposal facility.

f. The owner or operator shall remove from the site 75% of all recyclable goods each year, either for recycling or disposal.

**8. Material Storage.**

a. Storage of processed and unprocessed materials, and residuals, shall not exceed the quantities or timeframes listed in Table 2, received March 29, 1996 ("Attachment 2" of this permit) or as otherwise specified by this permit.

b. Except nonprocessables (see Attachment 2), and processed glass and aluminum, all other processed and unprocessed materials, and residuals, shall be stored inside the building. All processed materials which are stored outdoors shall be stored in containers or trailers.

c. Processed materials which are stored outdoors in containers shall be covered (tarped) at the end of each working day, and in the event of inclement weather.

d. This permit does not authorize the collection or processing of tires at the facility. Incidental quantities of tires which are removed from mixed debris shall be stored in containers. The storage of incidental tires is limited to a maximum of 10 tons of tires or 1000 tires, whichever is less, at any time.

e. Unauthorized wastes shall be removed from the site within 72 hours of receipt at the facility.

f. All residuals shall be stored in containers in areas with leachate collection. Residuals shall be removed for disposal at an appropriate disposal facility permitted by the Department within 72 hours of generating the residual.

g. All incoming loads of waste and recyclables shall be unloaded and processed inside the building only.

**SPECIFIC CONDITIONS:**

**9. Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, Operation and Maintenance Manual required by Specific Condition #7.b. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.

b. The Operation and Maintenance Manual and Operations Plan shall be reviewed, and all changes, or a statement indicating that no changes have occurred, shall be submitted to the Department **annually, by April 15th** each year.

**10. Waste Records.**

a. The owner or operator of the materials recovery facility shall record, in tons (and cubic yards) per day, the amount of material received at the facility.

b. The following information shall be compiled monthly, and submitted to the Department **quarterly**, by **January 15th, April 15th, July 15th and October 15th** of each year:

1) The quantity, in tons per day, of each material, as listed in Attachment 2, which is received, stored and removed from the site for recycling or disposal.

2) The quantity of leachate removed for disposal as described in Specific Condition #12.c. below.

**11. Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

**12. Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building. All liquids discharged from unloading vehicles shall be contained within the building. Floors shall be free of standing liquids.

b. All drains and leachate collection sumps shall be inspected for damage and clogging at least daily, and shall be cleaned as required. The leachate collection sump grates shall be cleaned at least weekly. The sumps and piping shall be inspected, and accumulated debris shall be removed at least **weekly**. In the event that liquids do not free flow into the sumps, the grates shall **immediately (within 24 hours)** be removed and cleaned. In no event shall leachate be allowed to discharge beyond the leachate collection system. In the event that the sumps do not provide adequate removal of leachate from the building, corrective actions shall be taken to correct the deficiencies.

**SPECIFIC CONDITIONS:**

(Specific Condition #12 cont'd)

c. Quantities of leachate which is removed from the wet well for discharge into the existing leachate surface impoundments shall be recorded daily and compiled monthly.

13. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d) and the Closure Plan submitted in the information listed in Specific Condition #2, above.

14. **Financial Assurance.** The owner or operator shall provide financial assurance for the material recovery facility site in accordance with F.A.C. 62-701.700(4).

a. Cost estimates for closure of the facility shall be submitted to the Department for approval. The cost estimates shall include the cost for loading, transportation and disposal of the maximum quantity of processed and unprocessed materials, residuals and unauthorized materials which may be at the facility at any time. The estimates shall be for a third-party performing the work.

b. Proof that the financial assurance mechanism has been initially established and adequately funded shall be submitted to the Department within **ninety (90) days** of Department approval of the closure cost estimates, unless otherwise approved by the Department. Materials shall not be accepted, processed or stored at the facility prior to Department approval of the initial financial assurance funding.

c. All costs for closure shall be adjusted for inflation and changes in the facility operations, and shall be submitted **annually, by June 30th each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318

d. Proof that the financial mechanism has been funded adequately shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

15. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take **immediate (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.



**SPECIFIC CONDITIONS:**

16. **Facility Maintenance and Repair.** The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems. In the event of damage to any portion of the site facilities or failure of any portion of the associated systems, the permittee shall immediately (**within 24 hours**) notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.
17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with F.A.C. 62-330, and any other applicable Department rules.
18. **Fire Safety Survey.**
  - a. **Annually, no later than June 15th**, the permittee shall submit to the Department a fire safety survey which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities.
  - b. In the event that deficiencies are noted, **within 30 days of completion**, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.
19. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.
20. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.
21. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.
22. **Regulations.** A copy of F.A.C. 62-701.700, effective May 19, 1994, attached, is a part of this permit and shall remain attached for future reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

ATTACHMENT 1

<u>SPECIFIC CONDITION</u>	<u>SUBMITTAL DUE DATE</u>	<u>REQUIRED ITEM</u>
4.	180 days prior to permit expiration (January 1, 2001)	Permit Renewal Application
5.a., 5.b., 5.c.	Within 60 days of permit issuance	Certification of Construction Completion submitted; Record Drawings submitted
7.b.	No later than 60 days prior to first acceptance of waste	Submit Comprehensive Operations and Maintenance Manual
9.b.	Annually, by April 15th each year	Revised Operations Plan
10.b.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Waste quantity reports, leachate quantity reports
13.	180 days prior to date of final material acceptance	Closure notification
14.b.	Within 90 days of approved cost estimates	Proof of initial funding
14.c.	Annually, by June 30th	Revised financial assurance cost estimates
14.d.	Annually	Proof that financial mechanism is adequately funded
16.	Within 24 hours, Within 7 days, of occurrence	Notification of failure of systems Written notification & description of corrective actions
18.	Annually, by June 15th	Fire safety survey/inspection report
18.	Within 30 days of completion	Documentation of approved completion of fire safety corrective actions

ATTACHMENT 2

TABLE 2

	TRANSFERRED TO DISPOSAL FACILITY	STORED FOR PICKUP OR TRANSFER TO RECYCLER	RETURNED TO PROCESS LINE FOR ADDITIONAL RECOVERY	MAXIMUM STORAGE QUANTITY	AVERAGE STORAGE TIME	MAXIMUM STORAGE TIME	STORAGE METHOD	REQUIRED AREA
ALUMINUM		X		20YD3	6-8 WKS	1 YEAR	ROLLOFF	18' X 10'
FERROUS		X		44 BALES	4-6 WKS	1 YEAR	BALED (5'x 2'x 2')	440 SF
PLASTIC		X		24 BALES	2-4MTHS	1 YEAR	BALED (5'x 3'x 3')	360 SF
PAPER		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
FIBRE		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
GLASS		X		20YD3	2-4 MTHS	1 YEAR	ROLLOFF	18' X 10'
RESIDUES	X		X	10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
NON-PROCESSABLES								
OVERSIZE AND BULKY	X			10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
TIRES		X		1000 UNITS	3-4 MTHS	1 YEAR	LOOSE IN TRAILER	12' X 45'
LEAD-ACID BATTERIES		X		100 UNITS	4-6 WKS	90 DAYS	PALLETIZED (5'x 5')	125 SF
USED OIL		X		250 GAL	1 MONTH	90 DAYS	DRUM	7' X 4'
UNAUTHORIZED								
HAZARDOUS WASTE	X			NONE	N/A	N/A	N/A	N/A

D.E.P.  
MAR 29 1996  
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**62-701.700 Materials Recovery Facilities.**

(1) Applicability. No person shall construct or operate a materials recovery facility without a permit issued by the Department.

(2) Engineering report. A permit application for a materials recovery facility shall include the information required in Rule 62-701.320, F.A.C., and an engineering report that includes:

(a) A description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections;

(b) A description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include:

1. Regular facility operations as they are expected to occur;

2. Procedures for start up operations, and scheduled and unscheduled shut down operations; and

3. Potential safety hazards and control methods, including fire detection and control;

(c) A description of loading, unloading, and processing areas. If wastes which are reasonably expected to produce leachate are being processed, the facility shall be designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater;

(d) Identification and capacity of temporary on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues;

(e) Provisions for solid waste and leachate containment;

(f) Identification of potential ground water and surface water contamination; and

(g) A plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment. Wastes shall be handled on a first-in, first-out basis. Stored putrescible wastes shall not be allowed to remain unprocessed for more than 48 hours unless provisions are made to control vectors and odors.

(3) Operational requirements. A permit application for a materials recovery facility shall include the following operational requirements:

(a) An operation and maintenance manual describing the facility operations, the persons responsible for the operations, and types of equipment that will be used. All activities at the facility shall be performed in accordance with the manual and plans for the facility. Manuals and plans shall be updated as operations change but no less frequently than upon renewal of the operation permit;

62-701.700(1) - 62-701.700(3)(a)

(b) A plan to screen the wastes received by the facility, that specifies inspection procedures and procedures to handle unauthorized wastes;

(c) A contingency plan to cover operations interruptions and emergencies such as fires, explosions, or natural disasters; and

(d) A closure plan that identifies the steps needed to close the facility. The closure plan shall provide for the following:

1. Owner or operator notification to the Department in writing 180 days before the date the facility is expected to close. No waste shall be received by the facility after the expected closing date;

2. Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue in accordance with the approved closure plan; and

3. Closure must be completed within 180 days after receiving the final waste quantity. Closure will include removal of all recovered materials from the site. When closure is completed, the owner or operator shall certify in writing to the Department that closure is complete. The Department will make an inspection within 30 days to verify the closure and advise the owner or operator of the closure status.

(4) Financial responsibility. The owner or operator of a materials recovery facility shall post a performance bond payable to the Department to cover the cost of properly closing the facility, if one or more of the following conditions exist:

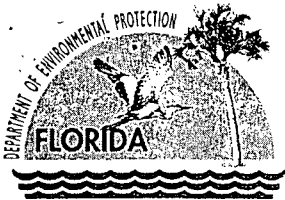
(a) Where the owner of the land or materials recovery facility and the operator of the facility are not the same person; or

(b) If the operator of the facility could stockpile waste that may create an environmental threat if the facility closes without properly disposing of the waste.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

Specific Authority: 403.061, 403.704, F.S.  
Law Implemented: 403.702, 403.704, 403.707, F.S.  
History: New 1-6-93, Amended 5-19-94, Formerly 17-701.700.

62-701.700(3)(b) - 62-701.700(History)



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

NOV 12 1996

## NOTICE OF PERMIT

Sumter County Public Works Department  
Mr. Garry Breeden, Director  
222 E. McCollum Ave  
Bushnell, Florida 33513

RE: Modification number 294023 to existing operation  
Permit No. **SC60-263199**, Sumter County  
Sumter County Materials Recovery Facility

Dear Mr. Breeden:

Attached is modified permit number **SC60-263199**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number 294023:

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
#2.	Existing	Amended	Permit documentation to include Operations and Maintenance Manual
#3.	Existing	Amended	Allows operation

This letter and its attachments constitute a **complete permit** and **replace** all previous permits and permit modifications for the above referenced facility.

A person whose substantial interests are affected by this modification of permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400, within fourteen (14) days of receipt of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within fourteen (14) days shall constitute a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.

The petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of Department's action, or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends warrant reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This modified permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this transfer of permit will not be effective until further Order of the Department.

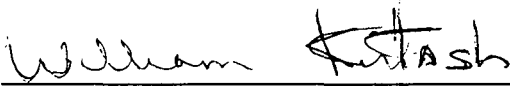
Sumter County Public Works Department  
Mr. Garry Breeden, Director

Mod. #294023 to  
Permit No:SC60-263199  
Page 3

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

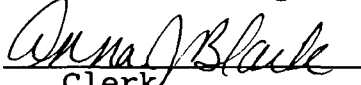
RDG/sjp  
Attachment

cc: Sumter County Board of County Commissioners  
David Springstead, P.E., Springstead Engineering, 727 S. 14th St.,  
Leesburg, Fl. 34748  
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513  
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618  
Douglas Beason, OGC Tallahassee  
Kathy Anderson, FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Robert Butera, P.E., FDEP Tampa  
Danielle Nichols, FDEP Tampa (Permit Notebook)

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on NOV 12 1996 to the listed persons.  
(date stamp)

FILING AND ACKNOWLEDGMENT  
FILED, on this date, pursuant  
to Section 120.52(10), Florida  
Statutes, with the designated  
Department, Clerk, receipt of  
which is hereby acknowledged.

  
Clerk

NOV 12 1996  
Date



## APPLICATION TRACKING SYSTEM

08/28/96

APPL NO:294023

APPL RECVD:08/19/96 TYPE CODE:SC SUBCODE:MM LAST UPDATE:08/28/96

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_ APPLICATION COMPLETE:10/08/96

DER PROCESSOR: ~~HUF~~ PELZ 11/12/96APPL STATUS: ~~AC~~ DATE:08/17/96 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

IS RELIEF:\_\_\_ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING DISTRICT:40 COUNTY:60  
(Y/N) N OGC HEARING REQUESTED LAT/LONG:28.44.30/82.05.20  
(Y/N) N PUBLIC NOTICE REQD? BASIN-SEGMENT:\_\_\_  
(Y/N) N GOV BODY LOCAL APPROVAL REQD? COE #:\_\_\_  
(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY) ALT#:\_\_\_

PROJECT SOURCE NAME:SUMTER CO SOLID WASTE MNGT FAC

STREET:1 MI E. OF I-75 ON CR 470 CITY:LAKE PANASOFFKEE

STATE:FL ZIP:\_\_\_ PHONE:\_\_\_

APPLICATION NAME:SUMTER CO BD OF CO COMM

STREET:209 N. FLORIDA AVE CITY:BUSHNELL

STATE:FL ZIP:33513 PHONE:904-793-0240

AGENT NAME:SPRINGSTEAD ENGINEERING

STREET:727 S. 14TH ST. CITY:LEESBURG

STATE:FL ZIP:34748 PHONE:904-787-1414

FEE #1 DATE PAID:\_\_\_/\_\_\_/\_\_\_ AMOUNT PAID:NOFEE RECEIPT NUMBER:\_\_\_

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - - / / /  
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / / /  
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. - - - - - / / /  
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 09/09/96--10/08/96  
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /  
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /  
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /  
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /  
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /  
F DATE LAST 45 DAY LETTER WAS SENT - - - - - / / /  
G DATE FIELD REPORT WAS REQ--REC - - - - - / / /  
H DATE DNR REVIEW WAS COMPLETED - - - - - / / /  
I DATE APPLICATION WAS COMPLETE - - - - - 10/08/96  
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - - / / /  
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - - / / /  
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - / / /  
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - - / / /  
N WAIVER DATE BEGIN--END (DAY 90) - - - - - / / /

COMMENTS:

## APPLICATION TRACKING SYSTEM

01/04/95

APPL NO:263199

APPL RECVD:12/16/94 TYPE CODE:SC SUBCODE:01 LAST UPDATE:01/04/95

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_ APPLICATION COMPLETE:03/29/96

DER PROCESSOR:SWF PELZ 7-22-96

APPL STATUS:AC DATE:12/14/94 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

IS RELIEF:\_\_\_ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING DISTRICT:40 COUNTY:60

(Y/N) N DGC HEARING REQUESTED LAT/LONG:28.44.30/82.05.20

(Y/N) N PUBLIC NOTICE REQD? BASIN-SEGMENT:\_\_\_

(Y/N) N GOV BODY LOCAL APPROVAL REQD? COE #:\_\_\_

(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY) ALT#:\_\_\_

PROJECT SOURCE NAME:SUMTER CO SOLID WASTE MNGT FAC

STREET:1 MI E. OF I-75 ON CR 470 CITY:LAKE PANASOFFKEE

STATE:FL ZIP:\_\_\_ PHONE:\_\_\_

APPLICATION NAME:SUMTER CO BD OF CO COMM

STREET:209 N. FLORIDA AVE CITY:BUSHNELL

STATE:FL ZIP:33513 PHONE:904-793-0240

AGENT NAME:SPRINGSTEAD ENGINEERING

STREET:727 S. 14TH ST. CITY:LEESBURG

STATE:FL ZIP:34748 PHONE:904-787-1414

FEE #1 DATE PAID:12/16/94 AMOUNT PAID:00100 RECEIPT NUMBER:00000566

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - - / / /  
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / / /  
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. - - - - - / / /  
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 01/13/95--02/14/95  
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 03/19/95--05/12/95  
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 05/19/95--12/11/95  
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 12/20/95--02/23/96  
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 03/22/96--03/29/96  
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /  
F DATE LAST 45 DAY LETTER WAS SENT - - - - - / / /  
G DATE FIELD REPORT WAS REQ--REC - - - - - / / /  
H DATE DNR REVIEW WAS COMPLETED - - - - - / / /  
I DATE APPLICATION WAS COMPLETE - - - - - 03/29/96  
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - - / / /  
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - - 06/10/96--06/11/96  
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - 06/10/96  
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - - 06/26/96  
N WAIVER DATE BEGIN--END (DAY 90) - - - - - / / /

COMMENTS:

Department of Environmental Protection

Receipt Number  
00566

Bureau/Section: Admin

Division/District: BWD

Received of: Sumter Co Bd of Comm

Address: 209 N. Florida  
Bushnell

Comments: Composting Fee  
2244 - 560-263/99

Revenue Code: 2229

Ref#: DS60 - 262528 - \$100.00

☐ Cash

☒ Check # 116

☐ Money Order

Sales Tax Number (if Exempt)

Subtotal: 200.00

Sales Tax:           

Total: 200.00

Date: 12/16/94

Received by: Betty Carter

DEP 14-096 (Rev. 7/94) Distribution: White-Purchaser, Pink-Fin. & Acct. with money & report, Yellow-Retain



proj. ~~45061~~  
45061

P. O. Box 1066  
Bushnell, FL 33513  
(352) 793-3368  
(352) 568-0166 Fax

## Sumter County Solid Waste

Department of Environmental Protection  
Attention: Susan J. Pelz, P.E. *3/25*  
Solid Waste Division  
3804 Coconut Palm Dr.  
Tampa, FL 33619-8318

**RECEIVED**  
MAR 24 1998

3-23-98

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

RE: Annual Fire Inspection

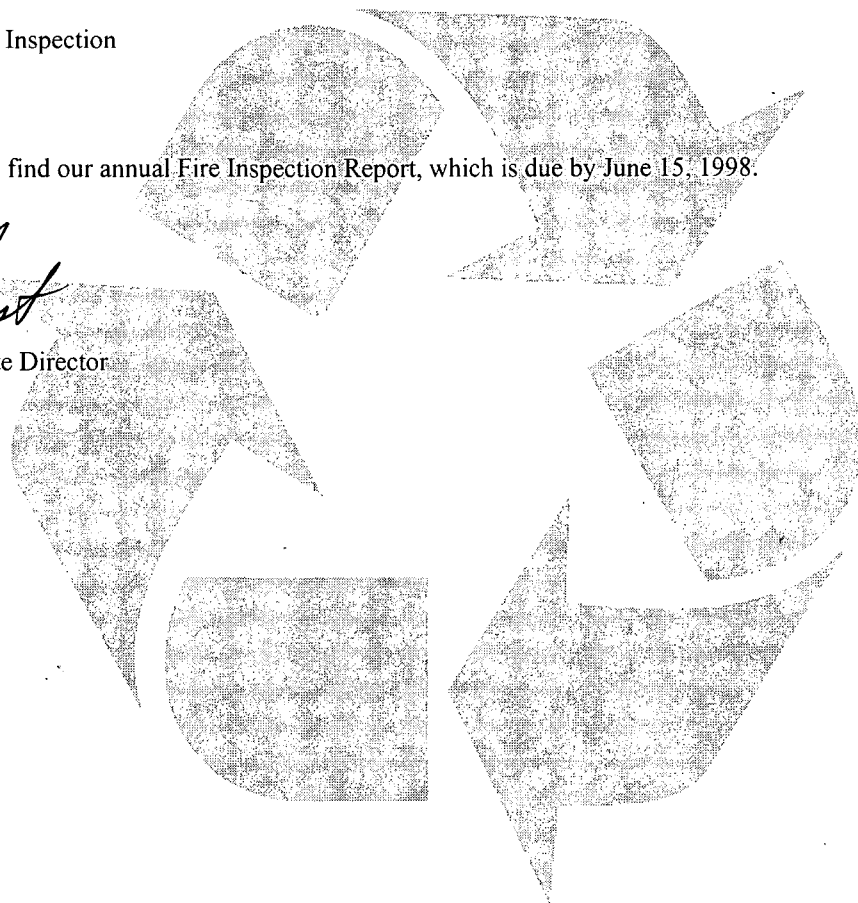
Dear Ms. Pelz:

Enclosed, please find our annual Fire Inspection Report, which is due by June 15, 1998.

Sincerely,

*Terry Hurst*

Asst. Solid Waste Director



*Terry Hurst, Solid Waste Manager*

Firesafety / prevention Inspection Form.

Permit# Annex

Date 2-18-98

Business Sumter CO. Land Fill St Ref. \_\_\_\_\_  
 Address \_\_\_\_\_ Phone \_\_\_\_\_  
 Name Of Business Sumter CO. Land Fill  
 Type Of Business Land Fill Type Of Buisness Digester  
 Emergency Phone 1. 793-3368 2. 793-0270 3. \_\_\_\_\_  
 Building Owner: Sumter CO. Bd. Comm. Address 209 N. Fla. St Bushnell  
 Occupants Name: \_\_\_\_\_ Address \_\_\_\_\_  
 Hydrant Location: None Flow Gpm \_\_\_\_\_  
 Fire District: LP Park Have They Done Prefire Plans? unk Sprinklered? no Standpipes? no  
 Fire Dept Connection: \_\_\_\_\_ Spare Sprinklers? \_\_\_\_\_ P.I.V. \_\_\_\_\_ Fire Alarm? no  
 Annunciator Panel: \_\_\_\_\_ Fire Extinguishers: 18 ABC CO2 Other. \_\_\_\_\_  
 Exposures: North South East West Distance <100 Feet.

**ELECTRICAL.**

Above/Below Ground: Location East Exterior Meter Same Removable: Yes No  
 Main Shut Off: \_\_\_\_\_ Shunt Trip Switch. Yes/No. \_\_\_\_\_ Electrical Room: \_\_\_\_\_  
 Main Amperes: 3200 Emer Gen: Yes No Emergency Lighting: Yes/No. Heating/AC.-Type none  
 Water Heater: None Elect/Gas. \_\_\_\_\_

**BUILDING CONSTRUCTION.**

Walls Exterior: Masonary. Frame. Metal. Other. \_\_\_\_\_  
 Walls Interior: Masonary. Frame/Wood. Metal. Other. \_\_\_\_\_  
 Floors: Masonry Frame/Wood. Carpets. Tile. Other. \_\_\_\_\_  
 Ceilings: Suspended \_\_\_\_\_ Gypsum. \_\_\_\_\_ Plaster. \_\_\_\_\_ Lay In Tile. \_\_\_\_\_ Other. \_\_\_\_\_  
 Roof: Built-Up. \_\_\_\_\_ Gypsum-Deck. \_\_\_\_\_ Steel Deck. \_\_\_\_\_ Asphalt Shingles. \_\_\_\_\_ Wood Shingles. \_\_\_\_\_  
 Tile. Metal. Frame Joists. \_\_\_\_\_ Steel Bar Joists. \_\_\_\_\_ Other. \_\_\_\_\_  
 Attic Access: \_\_\_\_\_ Fire-Rated Separation Between Designated Areas. Attic. Yes/No. \_\_\_\_\_  
 Why? \_\_\_\_\_  
 Sky Lights: yes Ladders Needed? \_\_\_\_\_ Emer. Shut-Offs. \_\_\_\_\_  
 Venting Use If needed. Yes/No. Elevators Shafts? \_\_\_\_\_ Protected? \_\_\_\_\_  
 Stairs? Loc. \_\_\_\_\_ Concealed Air-Spaces? \_\_\_\_\_ Exits: \_\_\_\_\_  
 Location \_\_\_\_\_ Fire Walls: Yes/No. \_\_\_\_\_  
 Hazards: \_\_\_\_\_

**L.P.G.**

Tank Loc. None Above/Below Ground? Gas Company: \_\_\_\_\_  
 No. Tanks. \_\_\_\_\_ Capacity. \_\_\_\_\_ Gals. Type Equip Using Gas. \_\_\_\_\_

\*\*\*\*\*All Smoke-Heat Detectors Must Have Primary/Secondary Power source.\*\*\*\*\*

This report notes the conditions or operations that favor or cause fire, or that may aid in the spread of fire or otherwise make the building unsafe. Also noted are recommendations for their correction: Final Inspection was passed, and this was required by a State Regulatory Authority. There were no violations.  
Advised To Keep Oils/Flammable Lgs in Proper Storage areas.

Date Inspection: 2-18-98 Inspector: J. Brown  
 Time: \_\_\_\_\_ I have read the above Deficiencies, Violations, Recommendations, and understand all of the above. I will correct the situations as soon as possible.  
 Signed By: Jimmy Brist  
 Owner/Manager/Occupant.

Sumter County Recycling, Processing and Composting Facility  
Materials Recovery Facility  
Yearly Review of Operation and Maintenance Manual  
and Operation Plan

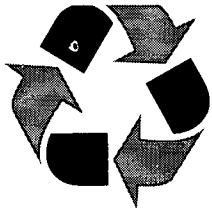
9/3/97

As of April 15, 1997, no changes have occurred with the operation or maintenance of the materials recovery facility.

D.E.P.

AUG 22 1997

SOUTHWEST DISTRICT  
TAMPA



P. O. Box 1066  
Bushnell, FL 33513

RECEIVED  
352-793-3368  
352-793-0160 Fax

# Sumter County Solid Waste

0 3 1997

Department of Environmental Protection  
SOUTHWEST DISTRICT

BY \_\_\_\_\_

Department of Environmental Protection  
Attention: Susan J. Pelz, P.E. *J 7/7*  
Solid Waste Division  
3804 Coconut Palm Dr.  
Tampa, FL 33619-8318

7-2-97

Dear Ms. Pelz:

Please accept this report, dated 4-30-97, for our annual fire safety survey per specific condition #18 in our Materials Recovery Facility Permit (Permit # SC60-263199).

If you have any questions, please feel free to call me at 352-793-3368.

Sincerely,

Facility Manager

*Terry Hurst, Facility Manager*

PERMIT # AnnualDATE: 4-30-97

NAME OF BUSINESS Material Recovery Bldg. LK Landfill REF. NO. \_\_\_\_\_  
ADDRESS 911 CR 529 LK Pima CT PHONE NO. \_\_\_\_\_  
PROPERTY COMPLEX NAME (IF ANY) \_\_\_\_\_  
TYPE-OCCUPANCY CLASS: \_\_\_\_\_ TYPE OF BUSINESS \_\_\_\_\_  
EMERGENCY TELEPHONE NUMBERS: 1. 793-0200 2. \_\_\_\_\_ 3. \_\_\_\_\_  
BLDG. OWNER: NAME Smith Co. Comms ADDRESS: 209 N. Fla St Pinal  
OCCUPANT'S NAME \_\_\_\_\_ ADDRESS: \_\_\_\_\_  
HYDRANT LOC. \_\_\_\_\_ FIRE PROTECTION \_\_\_\_\_  
1. \_\_\_\_\_ FIRE FLOW \_\_\_\_\_ G.P.M.  
2. \_\_\_\_\_ FIRE FLOW \_\_\_\_\_ G.P.M.  
3. \_\_\_\_\_ FIRE FLOW \_\_\_\_\_ G.P.M.

SPRINKLERED: YES \_\_\_ NO ✓ STANDPIPES: YES \_\_\_ NO ✓

F.D. CONNECTION: SPRKLRS/STOPIPES: \_\_\_\_\_  
STOPIPE HOSE OUTLET SIZE \_\_\_\_\_ IN. LOC. \_\_\_\_\_  
SHUTOFF/P.I.V. STANDPIPE/SPKLRS. \_\_\_\_\_  
SPARE SPRKLR. HEAD CAB. LOC. \_\_\_\_\_  
FIRE/ALARM SYSTEM: YES \_\_\_ NO ✓ ALARM SYSTEM RESET PANEL \_\_\_\_\_  
ZONE/ANNUNCIATOR PANEL (IF SEPARATE) \_\_\_\_\_  
FIRE EXTINGUISHERS: NO. 17 TYPE: ABC ✓ CO2 \_\_\_\_\_ OTHER \_\_\_\_\_  
EXPOSURES: NORTH ✓ SOUTH \_\_\_\_\_ EAST \_\_\_\_\_ WEST \_\_\_\_\_ DISTANCE: <1500 FEET \_\_\_\_\_

ELECTRICAL SYSTEM  
ELEC.SERV.: ABOVE GRD. ✓ BELOW GRD. \_\_\_\_\_ LOC. West Extern  
METER LOC.: 5/25 REMOVABLE: YES \_\_\_ NO ✓  
MAIN DISCONNECT: INSIDE ✓ OUTSIDE \_\_\_\_\_ LOC. \_\_\_\_\_  
SHUNT-TRIL SWITCH: YES \_\_\_ NO ✓ LOC. \_\_\_\_\_  
ELECT. SERV. ROOM: YES \_\_\_ NO ✓ LOC. \_\_\_\_\_  
MAIN SERVICE SIZE (AMPERES) 1600 EMER. GEN. LOC. \_\_\_\_\_  
EMER. GEN. FUEL LOC. \_\_\_\_\_ EMER. LIGHTS: YES \_\_\_ NO ✓  
HEATING/A.C. SYSTEM: CENTRAL \_\_\_\_\_ WALL UNITS \_\_\_\_\_ NONE ✓ OTHER \_\_\_\_\_  
WATER HEATER: ELECTRIC YES \_\_\_ NO ✓ LOC. \_\_\_\_\_

## BUILDING CONSTRUCTION

EXT. WALLS: MASONRY \_\_\_\_\_ FRAME \_\_\_\_\_ METAL ✓ OTHER \_\_\_\_\_  
INT. WALLS: DRYWALL/GYPSUM \_\_\_\_\_ FRAME/WOOD PANELS \_\_\_\_\_ METAL ✓ OTHER \_\_\_\_\_  
FLOORS: MASONRY ✓ WOOD \_\_\_\_\_ CARPETS \_\_\_\_\_ TILE \_\_\_\_\_ OTHER \_\_\_\_\_  
CEILINGS: SUSPENDED \_\_\_\_\_ GYPSUM \_\_\_\_\_ PLASTER \_\_\_\_\_ LAY-IN TILE \_\_\_\_\_ OTHER \_\_\_\_\_  
ROOF: BUILT UP FRAME \_\_\_\_\_ GYPSUM DECK \_\_\_\_\_ STEEL DECK \_\_\_\_\_ ASPHALT SHINGLES \_\_\_\_\_ WOOD SH \_\_\_\_\_  
METAL ✓ TILE \_\_\_\_\_ FRAME JOISTS \_\_\_\_\_ STEEL BAR JOISTS \_\_\_\_\_ OTHER \_\_\_\_\_  
ATTIC ACCESS: \_\_\_\_\_  
ROOF ACCESS: \_\_\_\_\_ LADDERS NEEDED: YES \_\_\_ NO ✓  
FIREWALLS BETWEEN BUS.: YES \_\_\_ NO \_\_\_\_\_  
SKYLIGHT LOC. \_\_\_\_\_ VENT. USE: YES \_\_\_ NO ✓  
ELEVATOR SHAFT LOC.: \_\_\_\_\_  
ELEVATOR EQUIP. ROOM LOC. \_\_\_\_\_  
STAIRWELL LOC. \_\_\_\_\_  
CONCEALED AIR SPACES LOC. \_\_\_\_\_  
EXITS: NO. 2 LOC. \_\_\_\_\_  
HAZARDS: \_\_\_\_\_

## L.P. GAS

TANK LOC. None ABOVE GRD \_\_\_\_\_ BELOW GRD. \_\_\_\_\_  
COMPANY PROVIDING GAS \_\_\_\_\_ NO. TANKS \_\_\_\_\_ CAPACITY \_\_\_\_\_ GALLONS \_\_\_\_\_  
TYPE EQUIP. USING GAS: \_\_\_\_\_  
WRITTEN PRE-PLAN DESCRIPTION ATTACHED: YES \_\_\_ NO \_\_\_\_\_



NAME OF OCCUPANCY 1st Floor  
NAME OF OWNER, LESSEE OR MANAGER Reem  
NAME OF BUILDING OWNER \_\_\_\_\_ ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_  
INSURANCE CO.: NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_  
THIS REPORT NOTES THE CONDITIONS OR OPERATIONS THAT FAVOR OR CAUSE FIRE, OR THAT MAY AID  
IN THE SPREAD OF FIRE OR OTHERWISE MAKE THE BUILDING UNSAFE. ALSO NOTED ARE RECOMMENDATIONS  
FOR THEIR CORRECTION:

All Fire Extinguishers OK serial 2-97

DATE OF INSPECTION: 4-30-97 INSPECTOR: Jan Brown

TIME OF INSPECTION: 1310 pm TO: 1320 pm

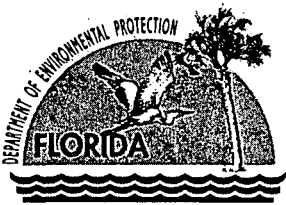
I HAVE READ THE ABOVE DEFICIENCIES, VIOLATIONS AND RECOMMENDATIONS AND UNDERSTAND ALL OF  
THE ABOVE. SIGNED BY: \_\_\_\_\_  
(Owner, Manager, Occupant)

PLEASE GIVE THE ABOVE YOUR ATTENTION IN ORDER THAT YOUR PROPERTY MAY BE CONSIDERED FIRE  
SAFE, AND THAT YOUR BUSINESS NEIGHBOR MAY BE PROTECTED.

DATE COPY ISSUED \_\_\_\_\_

CONSULT YOUR TELEPHONE DIRECTORY FOR VENDORS OF FIRE EXT. EQUIPMENT.

PERMIT #: \_\_\_\_\_ DATE: \_\_\_\_\_



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

JUN 10 1997

Mr. Garry Breeden  
Sumter County Public Works  
222 E. McCollum Avenue  
Bushnell, FL 33513

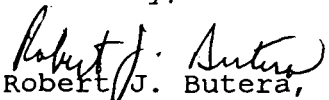
**Re: Mercury Containing Devices To Be Removed From The  
Waste Stream  
Sumter County Landfill LTC**

Dear Mr. Breeden:

As you are aware there has been a number of special wastes that have been identified by the Department recently that are required to be removed from the solid waste stream and handled appropriately. Enclosed are copies of photographs (3 sheets) I received from Jack Price of the FDEP Grant's Program that I thought would assist you and your personnel (particularly spotters employed at the working face of the landfill) in identifying some devices that contain mercury. A few of these items such as a marine bilge bump float switch, unusually configured socket type fluorescent lamps, and welding units may not have been obvious to personnel performing the duties required of a spotter.

The Department thanks you in advance for continued protection of the environment. If you have any questions concerning this letter do not hesitate to contact me at 813-744-6100, Ext. 451.

Sincerely,

  
Robert J. Butera, P.E.  
Solid Waste Manager  
Southwest District

Encl.

cc: Danielle Nichols, FDEP C/E

Srinastead

--ATTENTION MAIL ROOM--

PLEASE ROUTE THIS  
DOCUMENT TO:Kathy Anderson Solid Waste  
Name of Individual/Office4565  
Mail Station Numbert of  
Protectionrive  
9Virginia B. Wether  
Secretary

NOV 12 1996

IIT

(Rec'd Draw)

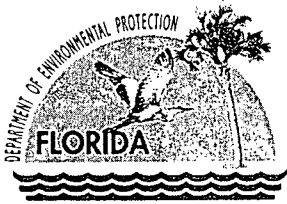
Sumter County Public Works Department  
Mr. Garry Breeden, Director  
222 E. McCollum Ave  
Bushnell, Florida 33513RE: Modification number 294023 to existing operation  
Permit No. **SC60-263199**, Sumter County  
Sumter County Materials Recovery Facility

Dear Mr. Breeden:

Attached is modified permit number **SC60-263199**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number 294023:

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
#2.	Existing	Amended	Permit documentation to include Operations and Maintenance Manual
#3.	Existing	Amended	Allows operation

This letter and its attachments constitute a **complete permit** and **replace** all previous permits and permit modifications for the above referenced facility.A person whose substantial interests are affected by this modification of permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400, within fourteen (14) days of receipt of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within fourteen (14) days shall constitute a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Mr. Garry Breeden, Director  
Sumter County Public Works Dept.  
222 East McCollum Ave.  
Bushnell, Fl. 33513

November 12, 1996

RE: Sumter County Materials Recovery Facility  
Permit No.: SC60-263199, Sumter County  
Certification of Construction Completion-Completeness Inspection

Dear Mr. Breeden:

On July 23, 1996, an inspection of the above referenced facility relative to construction completion and adherence to the permit issued by the Florida Department of Environmental Protection (FDEP) was made by Garry Breeden, Terry Hurst (Sumter County), David Springstead (Springstead Engineering), Mitch Kessler (TIA) and Susan Pelz, Robert Butera and Danielle Nichols (FDEP). A subsequent inspection was conducted on August 16, 1996 by Terry Hurst (Sumter County), John Springstead (Springstead Engineering), and Susan Pelz (FDEP).

Certification of Construction Completion dated July 10, 1996, including Record Drawings sheets 7, 8, 10 and 10a, has been received by the Department. Additional information dated August 7, 1996 was received supporting the Certification of Construction Completion Documents. Based on the information submitted, and the site inspection, FDEP approves operations of the above referenced facility in accordance with Permit No. SC60-263199.

Sincerely,

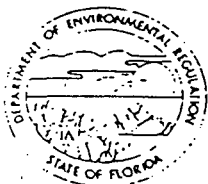
Susan J. Pelz, P.E.  
Solid Waste Section  
Division of Waste Management

sjp

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.,  
Leesburg, Fl. 34748  
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513  
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618  
Robert Butera, P.E., FDEP Tampa

pb

"Protect, Conserve and Manage Florida's Environment and Natural Resources"



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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

# Interoffice Memorandum

## PERMIT COVER MEMO

TO: ✓ RICK GARRITY, DDM  
✓ WILLIAM KUTASH, ENV. ADM.  
OGC, ATTN: \_\_\_\_\_

FROM/THROUGH:

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
\_\_\_\_\_, PROGRAM SUPERVISOR  
Robert Butler PE RB 11-12-96, SECTION SUPERVISOR  
Susan Pelz, PE SP 11/7/96, ENG, ENV SPEC, GEOLOGIST

DATE: 11/7/96

FILE NAME: Sumter Co MRF  
PROGRAM: Solid Waste

Mod # 294023

PERMIT#: SC 60-263199  
COUNTY: Sumter

TYPE OF PERMIT ACTION: X ISSUE \_\_\_\_\_ DENY \_\_\_\_\_ MODIFY \_\_\_\_\_  
\_\_\_\_\_ TRANSFER OWNER \_\_\_\_\_ NOD \_\_\_\_\_ INTENT \_\_\_\_\_ PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED? \_\_\_\_\_  
PETITION? \_\_\_\_\_

RELEASED BY OGC? \_\_\_\_\_

PERMIT SUMMARY: This modification allows operation of the  
newly constructed MRF.

PROFESSIONAL RECOMMENDATION: X APPROVE \_\_\_\_\_ DENY

EVALUATION SUMMARY: I recommend approval based on  
information submitted. Facility is a state-of-the-art  
MRF.

DAY 90/30 FOR THIS ACTION IS ASAP by 11/15/96

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

Permit # 263199

NO. #294023

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Sumter County Public Works  
Mr. Garry Breeden  
222 E McCallum Ave  
Bushnell, FL 33513

4a. Article Number

P 378 180 631

4b. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Registered                                | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                              | <input type="checkbox"/> Insured              |
| <input checked="" type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

7. Date of Delivery

11-13-96

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

X

Stacy Gant

P 378 180 631

US Postal Service

# Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Sumter County P.O.	
Street & Number	
Mr. Larry Breeden	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
<b>TOTAL Postage &amp; Fees</b>	<b>\$</b>
Postmark or Date	
11-12-96	

PS Form 3800 April 1995

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

- Print your name, address, and ZIP Code in this box

State of Florida  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

Susan Pelz  
Waste Mgmt

RECEIVED  
NOV 15 1996  
Department of Environmental Protection  
SOUTHWEST DISTRICT





# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

NOV 12 1996

## NOTICE OF PERMIT

Sumter County Public Works Department  
Mr. Garry Breeden, Director  
222 E. McCollum Ave  
Bushnell, Florida 33513

RE: Modification number 294023 to existing operation  
Permit No. **SC60-263199**, Sumter County  
Sumter County Materials Recovery Facility

Dear Mr. Breeden:

Attached is modified permit number **SC60-263199**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number 294023:

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
#2.	Existing	Amended	Permit documentation to include Operations and Maintenance Manual
#3.	Existing	Amended	Allows operation

This letter and its attachments constitute a **complete permit** and **replace** all previous permits and permit modifications for the above referenced facility.

A person whose substantial interests are affected by this modification of permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400, within fourteen (14) days of receipt of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within fourteen (14) days shall constitute a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.



The petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of Department's action, or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends warrant reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

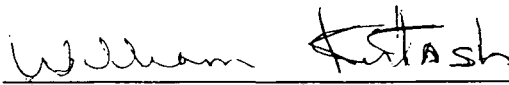
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This modified permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this transfer of permit will not be effective until further Order of the Department.

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

RDG/sjp  
Attachment

cc: Sumter County Board of County Commissioners  
David Springstead, P.E., Springstead Engineering, 727 S. 14th St.,  
Leesburg, Fl. 34748  
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513  
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618  
Douglas Beason, OGC Tallahassee  
Kathy Anderson, FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Robert Butera, P.E., FDEP Tampa  
Danielle Nichols, FDEP Tampa (Permit Notebook)

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on NOV 12 1996 to the listed persons.  
(date stamp)

FILING AND ACKNOWLEDGMENT  
FILED, on this date, pursuant to Section 120.52(10), Florida Statutes, with the designated Department, Clerk, receipt of which is hereby acknowledged.

  
Clerk

NOV 12 1996  
Date



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## PERMITTEE

Sumter County Public Works Dept.  
Mr. Garry Breeden, Director  
222 E. McCollum Ave.  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: **SC60-263199**  
Date of Issue: 07/22/96  
Expiration Date: **06/01/2001**  
County: Sumter  
Lat/Long: 28°44'30"  
82°05'20"  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Materials Recovery  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **construct and operate** a Materials Recovery Facility, referred to as the Sumter County Materials Recovery Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located at the Sumter County Solid Waste Management Facility, 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **construction and operation** of:

1. Material Recovery Facility

Replaces applicable conditions of Permit Number: **S060-211179**

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

**GENERAL CONDITIONS:**

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
  - (a) Determination of Best Available Control Technology (BACT)
  - (b) Determination of Prevention of Significant Deterioration (PSD)
  - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
  - (d) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
  - (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    1. the date, exact place, and time of sampling or measurements;
    2. the person responsible for performing the sampling or measurements;
    3. the dates analyses were performed;
    4. the person responsible for performing the analyses;
    5. the analytical techniques or methods used;
    6. the results of such analyses.

PERMITTEE: Sumter County Public Works Dept.  
Mr. Garry Breeden, Director

PERMIT NO.: SC60-263199  
Materials Recovery Facility

**GENERAL CONDITIONS:**

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a resource recovery facility for materials recovery, sorting and recycling, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-28, 62-330, 62-520, 62-522, 62-550, and 62-701 Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.
2. **Permit Application Documentation.** This permit is valid for operation of the material recovery facility and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

Modification of Application for Permit to Construct a Materials Recovery Facility for the Composting Facility - Sumter County Solid Waste Management Facility, signed and sealed December 8, 1995;

Request for Additional Information Pending Permit No. SC60-263199, dated February 22, 1996;

Additional information dated March 28, 1996;

Plan Sheets titled, Sumter County Solid Waste Management Facility New Materials Recovery Facility, signed and sealed December 8, 1995, including sheets 7, 8, 10 and 10a as revised, signed and sealed February 22, 1996;

Facility Operations Manual and Facility Maintenance Manual, prepared by RRT Design and Construction Corp., dated April 24, 1996 (received June 24, 1996);

and in accordance with all applicable requirements of Department rules.

Amended NOV 12 1996.

3. **Permit Modifications.**
  - a. This permit is valid for the construction and operation of the new materials recovery facility. Upon completion of construction of the facility, the permittee shall request a minor modification to this permit to allow the operation of this facility. This minor modification request may be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.

Amended NOV 12 1996.

- b. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts, and which requires a detailed review by the Department, is considered a substantial modification.



**SPECIFIC CONDITIONS:**

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Certification of Construction Completeness.** No later than **thirty (30) days** after the completion of construction, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to, details such as the as-built details of the leachate collection system, processing equipment installation, building details, floor slopes, pipe invert elevations, pit details, etc.

c. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

6. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

7. **Facility Operation Requirements.**

a. Material shall not be accepted or received at the facility for processing or storage prior to:

- 1) Submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above;
- 2) Submittal of the Operations and Maintenance Manual required by Specific Condition #7.b. below; and
- 3) Compliance with the financial assurance requirements in Specific Condition #14.a. and #14.b below.

b. No later than **sixty (60) days** prior to the receipt of waste at the facility, the permittee shall provide a comprehensive facility Operations and Maintenance Manual to the Department. The Operations and Maintenance Manual shall include all procedures necessary for the effective operation and maintenance of the facility and equipment.

**SPECIFIC CONDITIONS:**

(Specific Condition #7 cont'd)

c. The permittee shall operate this facility in accordance with F.A.C. 62-701.700; the information and drawings as listed in Specific Condition #2 above; the Operations and Maintenance Manual required by Specific Condition #7.b. above; and any other applicable requirements.

d. Litter shall be collected at least once daily.

e. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, unprocessed materials and residuals shall be removed and transported to an appropriately permitted disposal facility.

f. The owner or operator shall remove from the site 75% of all recyclable goods each year, either for recycling or disposal.

**8. Material Storage.**

a. Storage of processed and unprocessed materials, and residuals, shall not exceed the quantities or timeframes listed in Table 2, received March 29, 1996 ("Attachment 2" of this permit) or as otherwise specified by this permit.

b. Except nonprocessables (see Attachment 2), and processed glass and aluminum, all other processed and unprocessed materials, and residuals, shall be stored inside the building. All processed materials which are stored outdoors shall be stored in containers or trailers.

c. Processed materials which are stored outdoors in containers shall be covered (tarped) at the end of each working day, and in the event of inclement weather.

d. This permit does not authorize the collection or processing of tires at the facility. Incidental quantities of tires which are removed from mixed debris shall be stored in containers. The storage of incidental tires is limited to a maximum of 10 tons of tires or 1000 tires, whichever is less, at any time.

e. Unauthorized wastes shall be removed from the site within 72 hours of receipt at the facility.

f. All residuals shall be stored in containers in areas with leachate collection. Residuals shall be removed for disposal at an appropriate disposal facility permitted by the Department within 72 hours of generating the residual.

g. All incoming loads of waste and recyclables shall be unloaded and processed inside the building only.

**SPECIFIC CONDITIONS:**

**9. Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, Operation and Maintenance Manual required by Specific Condition #7.b. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.

b. The Operation and Maintenance Manual and Operations Plan shall be reviewed, and all changes, or a statement indicating that no changes have occurred, shall be submitted to the Department **annually, by April 15th** each year.

**10. Waste Records.**

a. The owner or operator of the materials recovery facility shall record, in tons (and cubic yards) per day, the amount of material received at the facility.

b. The following information shall be compiled monthly, and submitted to the Department **quarterly**, by **January 15th, April 15th, July 15th and October 15th** of each year:

1) The quantity, in tons per day, of each material, as listed in Attachment 2, which is received, stored and removed from the site for recycling or disposal.

2) The quantity of leachate removed for disposal as described in Specific Condition #12.c. below.

**11. Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

**12. Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building. All liquids discharged from unloading vehicles shall be contained within the building. Floors shall be free of standing liquids.

b. All drains and leachate collection sumps shall be inspected for damage and clogging at least daily, and shall be cleaned as required. The leachate collection sump grates shall be cleaned at least weekly. The sumps and piping shall be inspected, and accumulated debris shall be removed at least **weekly**. In the event that liquids do not free flow into the sumps, the grates shall **immediately (within 24 hours)** be removed and cleaned. In no event shall leachate be allowed to discharge beyond the leachate collection system. In the event that the sumps do not provide adequate removal of leachate from the building, corrective actions shall be taken to correct the deficiencies.

**SPECIFIC CONDITIONS:**

(Specific Condition #12 cont'd)

c. Quantities of leachate which is removed from the wet well for discharge into the existing leachate surface impoundments shall be recorded daily and compiled monthly.

**13. Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d) and the Closure Plan submitted in the information listed in Specific Condition #2, above.

**14. Financial Assurance.** The owner or operator shall provide financial assurance for the material recovery facility site in accordance with F.A.C. 62-701.700(4).

a. Cost estimates for closure of the facility shall be submitted to the Department for approval. The cost estimates shall include the cost for loading, transportation and disposal of the maximum quantity of processed and unprocessed materials, residuals and unauthorized materials which may be at the facility at any time. The estimates shall be for a third-party performing the work.

b. Proof that the financial assurance mechanism has been initially established and adequately funded shall be submitted to the Department within **ninety (90) days** of Department approval of the closure cost estimates, unless otherwise approved by the Department. Materials shall not be accepted, processed or stored at the facility prior to Department approval of the initial financial assurance funding.

c. All costs for closure shall be adjusted for inflation and changes in the facility operations, and shall be submitted **annually, by June 30th each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318

d. Proof that the financial mechanism has been funded adequately shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

**15. Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take **immediate (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

**SPECIFIC CONDITIONS:**

16. **Facility Maintenance and Repair.** The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems. In the event of damage to any portion of the site facilities or failure of any portion of the associated systems, the permittee shall immediately (**within 24 hours**) notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with F.A.C. 62-330, and any other applicable Department rules.

18. **Fire Safety Survey.**

a. **Annually, no later than June 15th**, the permittee shall submit to the Department a fire safety survey which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities.

b. In the event that deficiencies are noted, **within 30 days of completion**, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.

19. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

20. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

21. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

22. **Regulations.** A copy of F.A.C. 62-701.700, effective May 19, 1994, attached, is a part of this permit and shall remain attached for future reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration (January 1, 2001)	Permit Renewal Application
5.a., 5.b., 5.c.	Within 60 days of permit issuance	Certification of Construction Completion submitted; Record Drawings submitted
7.b.	No later than 60 days prior to first acceptance of waste	Submit Comprehensive Operations and Maintenance Manual
9.b.	Annually, by April 15th each year	Revised Operations Plan
10.b.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Waste quantity reports, leachate quantity reports
13.	180 days prior to date of final material acceptance	Closure notification
14.b.	Within 90 days of approved cost estimates	Proof of initial funding
14.c.	Annually, by June 30th	Revised financial assurance cost estimates
14.d.	Annually	Proof that financial mechanism is adequately funded
16.	Within 24 hours, Within 7 days, of occurrence	Notification of failure of systems Written notification & description of corrective actions
18.	Annually, by June 15th	Fire safety survey/inspection report
18.	Within 30 days of completion	Documentation of approved completion of fire safety, corrective actions

ATTACHMENT 2

TABLE 2

	TRANSFERRED TO DISPOSAL FACILITY	STORED FOR PICKUP OR TRANSFER TO RECYCLER	RETURNED TO PROCESS LINE FOR ADDITIONAL RECOVERY	MAXIMUM STORAGE QUANTITY	AVERAGE STORAGE TIME	MAXIMUM STORAGE TIME	STORAGE METHOD	REQUIRED AREA
ALUMINUM		X		20YD3	6-8 WKS	1 YEAR	ROLLOFF	18' X 10'
FERROUS		X		44 BALES	4-6 WKS	1 YEAR	BALED (5'x 2'x 2')	440 SF
PLASTIC		X		24 BALES	2-4 MTHS	1 YEAR	BALED (5'x 3'x 3')	360 SF
PAPER		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
FIBRE		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
GLASS		X		20YD3	2-4 MTHS	1 YEAR	ROLLOFF	18' X 10'
RESIDUES	X		X	10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
NON-PROCESSABLES								
OVERSIZE AND BULKY	X			10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
TIRES		X		1000 UNITS	3-4 MTHS	1 YEAR	LOOSE IN TRAILER	12' X 45'
LEAD-ACID BATTERIES		X		100 UNITS	4-6 WKS	90 DAYS	PALLETIZED (5'x 5')	125 SF
USED OIL		X		250 GAL	1 MONTH	90 DAYS	DRUM	7' X 4'
UNAUTHORIZED								
HAZARDOUS WASTE	X			NONE	N/A	N/A	N/A	N/A

D.E.P.  
MAR 29 1996  
SOUTHWEST DISINCL  
TAMPA



319 E Anderson Avenue  
Bushnell, FL 33513-6152

(352) 793-0240

(352) 793-0247 Fax

# Sumter County Public Works

October 4, 1996

**RECEIVED**  
OCT 08 1996

Susan J. Pelz, P.E. *JP*  
Department of Environmental Protection  
Solid Waste Section  
Division of Waste Management  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

Re: Materials Recovery Facility Expansion  
Modification #294023 to Permit No. SC60-263199, Sumter County

Dear Ms. Pelz:

Please be advised that through the First Union National Bank of Florida, Sumter County has established for the Solid Waste Management Facility and irrevocable letter of credit to demonstrate financial assurance for closing in the amount of \$26,631.00.

All documentation to support this action has been forwarded by First Union National Bank of Florida to Erika Frederick, FDEP Tallahassee.

This should complete Sumter County's application for a permit modification, if there are any further questions please contact me.

Sincerely,

Garry Breeden  
Director  
Sumter County Public Works

---

Garry Breeden, Director  
Tommy Hurst, Assistant Director

.....



## DISTRICT ROUTING SLIP

To: Kathy Anderson - TAL DATE: 10/8/96  
MS 4565 CC To

	<b>PENSACOLA</b>	<b>NORTHWEST DISTRICT</b>	
	Panama City	Northwest District Branch Office	
	Tallahassee	Northwest District Branch Office	
	Sopchoppy	Northwest District Satellite Office	
	<b>TAMPA</b>	<b>SOUTHWEST DISTRICT</b>	
	Punta Gorda	Southwest District Branch Office	
	Bartow	Southwest District Satellite Office	
	<b>ORLANDO</b>	<b>CENTRAL DISTRICT</b>	
	Melbourne	Central District Satellite Office	
	<b>JACKSONVILLE</b>	<b>NORTHEAST DISTRICT</b>	
	Gainesville	Northeast District Branch Office	
	<b>FORT MYERS</b>	<b>SOUTH DISTRICT</b>	
	Marathon	South District Branch Office	
	<b>WEST PALM BEACH</b>	<b>SOUTHEAST DISTRICT</b>	
	Port St. Lucie	Southeast District Branch Office	

☐ Reply Optional  
Date Due: \_\_\_\_\_  
☐ Reply required  
Date Due: \_\_\_\_\_  
☐ Info Only

Comments: Sumter Co MRF  
SC60-263199  
1 Board Report  
2 sets Draw (5 sheets, 11 sheets)

From: Susan Pelz Tel.: SC 542-6100 x386

08-18

# ction

Virginia B. Wetherell  
Secretary

### IFICATION

4060C00092

**SC60-263199**

ie: 07/22/96

ate: **06/01/2001**

inter

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2005'20"

e: 15/20S/22E

inter County

aterials Recovery

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Chapter 403, Florida  
(s) 62-3, 62-4, 62-25,  
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Waste Management  
the south side of C.R.  
The specific  
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:: SO60-211179

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Mr. Garry Breeden, Director  
Sumter County Department of Public Works  
222 East Mc Collum Ave.  
Bushnell, FL 33513

September 9, 1996

RE: Materials Recovery Facility Expansion  
Modification #294023 to Permit No. SC60-263199, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of your request to modify existing permit number SC60-263199, to operate a solid waste materials recovery facility, referred to as the Sumter County Solid Waste Management Facility.

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 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 62-701, Florida Administrative Code (F.A.C.)]:

1. **Financial Assurance.** Please provide documentation which demonstrates that a financial assurance mechanism has been established and appropriately funded for the closing costs approved by the Department on June 21, 1996 (attached).

"NOTICE! Pursuant to the provisions of Section 120.60, F.S. if the Department does not receive a complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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 submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

  
Susan J. Pelz, P.E.  
Solid Waste Section  
Division of Waste Management

sjp

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.  
Leesburg, FL 34748, w/attachment  
Erika Frederick, FDEP Tallahassee  
Robert Butera, P.E., FDEP-Solid Waste, Tampa

"Protect, Conserve and Manage Florida's Environment and Natural Resources"



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Mr. Garry Breeden, Director  
Sumter County Department of Public Works  
222 E. McCullum Ave.  
Bushnell, Fl. 33513

June 21, 1996

RE: Sumter County MRF Expansion Financial Assurance Cost Estimates  
Pending Permit No.: SC60-263199, Sumter County

Dear Mr. Breeden:

This letter is to acknowledge receipt of the updated cost estimates dated June 7, 1996 (received June 10, 1996), submitted by Springstead Engineering, Inc., for closure of the Sumter County Materials Recovery Facility. The cost estimates as revised June 7, 1996 (total for closure \$26,631), are **APPROVED for 1996**. The next annual update (revised or inflation-adjusted estimates) is due no later than June 1, 1997.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of FAC 62-701.630.

If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, E.I.  
Solid Waste Section  
Division of Waste Management

sjp

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748  
Fred Wick, FDEP, Tallahassee, w/attachment  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, FDEP Tampa



**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

SC60-294023

727 South 14th Street  
Leesburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

August 16, 1996

Mr. Robert Butera, P.E.  
Waste Management  
Florida Department of Environmental Protection  
3804 Coconut Palm Boulevard  
Tampa, Florida 33619

D.F.  
AUG 19 1996  
bvt:m  
Tampa

**RE: Sumter County MRF Inspection - Completion of Outstanding Items  
Permit No. SC60-263199  
921100.000**

Dear Mr. Butera:

Please accept this letter as our formal application and request that Permit #SC60-263199 be modified and be changed from a construction status to an operation status as of this date. As per our letter dated August 7, 1996, and the walk-through with your representative Ms. Susan Pelz this date, we have completed all of the outstanding items requested.

Enclosed please find a fee exemption letter and resolution pursuant to Chapter 94.278 F.S. for Sumter County for your files.

Please feel free to contact our office if you have any further questions.

Sincerely,

**SPRINGSTEAD ENGINEERING, INC.**

John V. Springstead, P.E.  
Florida Registration No. 8579

JWS/jal

Attachments

cc: Susan Pelz, FDEP  
Garry Breeden, Sumter County  
Mitch Kessler - TIA  
Terry Hurst - Sumter County

(August 16, 1996 - a.butera)

Betty, 8/27  
This is a minor  
mod request for  
Sumter Co - no fee  
ok for small co. reduced  
fee.  
SUSAN

Board of Sumter County Commissioners  
209 North Florida Street  
Bushnell, Florida 33513

Room 206, (904)793-0200  
FAX (904)793-0207  
SUNCOM 665-0200

D.E.P.  
AUG 18 1996  
SOUTHWEST  
TAMPA

August 16, 1996

Mr. Robert Butera  
Department of Environmental Protection  
3804 Coconut Palm Boulevard  
Tampa, Florida 33619

RE: Materials Recovery Facility

Dear Mr. Butera

In compliance with Chapter 94-278, Florida Statutes, relating to permit fees for small counties, you will find attached herewith a resolution duly adopted by the Board of Sumter county Commissioners in open session.

I certify that the attached resolution specifically applies to the project listed above and request that the provisions of the statute be used to calculate the appropriate permit fee.

Please contact me at the telephone number or letterhead address if you need additional information or clarification of this request.

Very truly yours,

OFFICE OF COUNTY ADMINISTRATOR

BY Bernard Dew  
BERNARD DEW  
COUNTY ADMINISTRATOR

BD:th

MEETINGS: EACH TUESDAY 9.00 A.M.

Stanley Gedeon, Jr., Chairman  
Dist. 5, (904)793-2557  
P. O. Box 615  
Wesley, FL 33597

Benny G. Stockland, Dist. 1  
(904)748 3110 or 748-2060  
5259 CR 125-C  
Widwood, FL 34785

Karen S. Krauss, Dist. 4  
(904)793-7704  
309 Center Street  
Bushnell, FL 33513

Randal N. Thornton  
County Attorney  
(904)793-4040, P. O. Box 58  
Lake Panasoffee, FL 33538

City Tiny\* Butler, Vice Chairman  
Dist. 3, (904)748 2527  
P. O. Box 37  
Coleman, FL 33521

Joey A. Chandler, Dist. 2  
(904)793-9556  
1984 CR 431-A  
Lake Panasoffee, FL 33538

Sara H. Mason, Clerk & Auditor  
(904)793-0215  
209 North Florida Street  
Bushnell, FL 33513

Bernard Dew, County Administrator  
(904)793-0200  
209 North Florida Street  
Bushnell, FL 33513

SUMTER COUNTY RESOLUTION

D.E.P.

AUG 19 1996

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF SUMTER COUNTY, FLORIDA, CERTIFYING A FISCAL HARDSHIP JUSTIFYING A WAIVER OR REDUCTION IN FEES BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICTS AND AUTHORIZING COUNTY ADMINISTRATOR BERNARD DEW TO APPLY FOR SUCH WAIVERS AND EXEMPTIONS PURSUANT TO SENATE BILL 1780.

WHEREAS, Sumter County has been at the 10 mil ad valorem limit for several years, and

WHEREAS, the Board has been required to pay various permit fees to Florida Department of Environmental Protection (DEP) and Southwest Florida Water Management District (SWFWMD), which permit fees have presented a fiscal hardship to the Board, and

WHEREAS, the Florida Legislature adopted Senate Bill 1780 which provides for exemptions and waivers of such permit fees to qualified counties and cities, and Sumter County qualifies under Section 1, subsection (4) and possibly other subsections.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Sumter County, Florida, as follows:

1. Sumter County does hereby certify that the cost of permit processing fees from DEP and SWFWMD is a fiscal hardship due to the fact that Sumter County has been at the 10 mil ad valorem cap for the past several years.

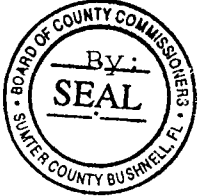
2. County Administrator Bernard Dew is hereby authorized to formally apply for waivers and exemptions from such permit processing fees.

2. A copy of this resolution shall be spread among the minutes of this Board and shall be furnished to the DEP, SWFWMD

and such other appropriate authorities and agencies as needed.

DONE and RESOLVED at Bushnell, Sumter County, Florida, this  
24<sup>th</sup> day of May, 1994.

ATTEST: SARA H. MASON  
Clerk of Circuit Court



Jan Kirkpatrick  
Deputy Clerk

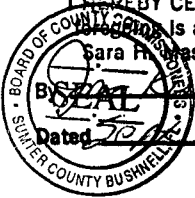
BOARD OF COUNTY COMMISSIONERS  
OF SUMTER COUNTY, FLORIDA

Jim Allen  
Jim Allen - Chair

STATE OF FLORIDA, COUNTY OF SUMTER

I HEREBY CERTIFY, that the above and  
forgoing is a true copy of the original.

Sara H. Mason, Clerk of Circuit Court



Jan Kirkpatrick Deputy Clerk

Dated May 21, 1994



**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Lecsburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 791-3639  
Fax (904) 787-7221

August 16, 1996

Mr. Robert Butera, P.E.  
Waste Management  
Florida Department of Environmental Protection  
3804 Coconut Palm Boulevard  
Tampa, Florida 33619

**RE: Sumter County MRF Inspection - Completion of Outstanding Items**  
**Permit No. SC60-263199**  
**921100.000**

Dear Mr. Butera:

Please accept this letter as our formal application and request that Permit #SC60-263199 be modified and be changed from a construction status to an operation status as of this date. As per our letter dated August 7, 1996, and the walk-through with your representative Ms. Susan Pelz this date, we have completed all of the outstanding items requested.

Enclosed please find a fee exemption letter and resolution pursuant to Chapter 94.278 F.S. for Sumter County for your files.

Please feel free to contact our office if you have any further questions.

Sincerely,

**SPRINGSTEAD ENGINEERING, INC.**

*[Signature]* 8/16/96  
John W. Springstead, P.E.  
Florida Registration No.: 8579

JWS/jal

Attachments

cc: Susan Pelz, FDEP  
Garry Breeden, Sumter County  
Mitch Kessler - TIA  
Terry Hurst - Sumter County

(August 16, 1996 - rbutera)

Post-It® Fax Note 7671		Date 8-16	# of pages 4
To Susan Pelz	From JWS		
Co./Dept. FDEP	Co. SEI		
Phone #	Phone # 787-1414		
Fax # 813-744-6084	Fax # 787-722-1		



Aug-16-96 16:40  
Aug-16 96 14:12

JOHN SPRINGSTEAD P.02  
P.01 001

Board of Sumter County Commissioners  
209 North Florida Street  
Bushnell, Florida 33513

Room 206, (904)793-0200  
FAX (904)793-0107  
SUNCOM 665-0200

August 16, 1996

Mr. Robert Butera  
Department of Environmental Protection  
3804 Coconut Palm Boulevard  
Tampa, Florida 33619

RE: Materials Recovery Facility

Dear Mr. Butera

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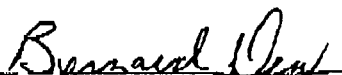
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Very truly yours,

OFFICE OF COUNTY ADMINISTRATOR

BY

  
BERNARD DEW  
COUNTY ADMINISTRATOR

BU:CH

MEETINGS, EACH TUESDAY 9:00 A.M.

Stanley Gedeon, Jr., Chairman  
Dist. 3, (904)793-2552  
P. O. Box 615  
Wausau, FL 33597

Becky G. Strickland, Dist. 1  
(904)748-1110 or 748-2080  
6254 CR 125-C  
Widowwood, FL 34785

Karen S. Kravetz, Dist. 4  
(904)793-7704  
329 Center Street  
Bushnell, FL 33513

Randall M. Thomson  
County Attorney  
(904)793-4040, P. O. Box 96  
Lake Park, FL 33538

Bill Timm, Jr., Vice Chairman  
Dist. 3, (904)748-2552  
P. O. Box 37  
Columbus, FL 32521

Judy A. Chandler, Dist. 2  
(904)793-9636  
1988 CR 431-A  
Lake Park, FL 33537

Sara H. Mason, Clerk & Auditor  
(904)793-0213  
209 North Florida Street  
Bushnell, FL 33513

Bernard Dew, County Administrator  
(904)793-0200  
209 North Florida Street  
Bushnell, FL 33513

SUMTER COUNTY RESOLUTION

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF SUMTER COUNTY, FLORIDA, CERTIFYING A FISCAL HARDSHIP JUSTIFYING A WAIVER OR REDUCTION IN FEES BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICTS AND AUTHORIZING COUNTY ADMINISTRATOR BERNARD DEW TO APPLY FOR SUCH WAIVERS AND EXEMPTIONS PURSUANT TO SENATE BILL 1780.

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WHEREAS, the Florida Legislature adopted Senate Bill 1780 which provides for exemptions and waivers of such permit fees to qualified counties and cities, and Sumter County qualifies under Section 1, subsection (4) and possibly other subsections.

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2. County Administrator Bernard Dew is hereby authorized to formally apply for waivers and exemptions from such permit processing fees.

2. A copy of this resolution shall be spread among the minutes of this Board and shall be furnished to the DEP, SWFWMD

and such other appropriate authorities and agencies as needed.

DONE and RESOLVED at Bushnell, Sumter County, Florida, this  
24<sup>th</sup> day of May, 1994.

ATTEST: SARA H. MASON  
Clerk of Circuit Court



Jan Kuepfer  
Deputy Clerk

BOARD OF COUNTY COMMISSIONERS  
OF SUMTER COUNTY, FLORIDA

Jim Allen  
Jim Allen - Chair

STATE OF FLORIDA, COUNTY OF SUMTER  
I HEREBY CERTIFY, that the above and



Sara H. Mason, Clerk of Circuit Court

Jan Kuepfer Deputy Clerk

Dated May 21, 1994



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## SITE INSPECTION REPORT

**OWNER/OPERATOR:** Mr. Terry Hurst (Sumter County Solid Waste Facility)  
**MAILING ADDRESS:** P.O. Box 1066  
Bushnell, Fl. 33513

**NAME OF SITE:** Sumter County Solid Waste Management Facility  
**SITE ADDRESS:** 1 mile east of I-75, south of CR 470  
**CITY:** Bushnell, Fl. 33513

**PERMIT NO:** SC60-263199

**INSPECTION DATES:** July 23, 1996;  
August 16, 1996

### REASON FOR VISIT:

- COMPLIANCE INSPECTION \_\_\_\_\_
- PERMITTING INSPECTION   X
- COMPLAINT INVESTIGATION \_\_\_\_\_

### PERSONS PRESENT:

**July 23, 1996:** Susan Pelz, Robert Butera, Danielle Nichols (FDEP), Garry Breeden, Terry Hurst (Sumter County); David Springstead (Springstead Engineering); Mitch Kessler, Allison (?) (TIA)

**August 16, 1996:** Susan Pelz (FDEP); Terry Hurst (Sumter County); John Springstead (Springstead Engineering)

### SUMMARY REPORT:

#### July 23, 1996 inspection:

The purpose of this inspection was to certify the construction completeness of the facility as required by Specific Condition #5 of the above referenced permit.

All persons listed above were present throughout the inspection. Temporary roadways were constructed to the facility, and sitework was incomplete, but was progressing on the day of our visit. We toured the facility from the receiving area through the final discharge conveyor. The receiving area is separated onto two areas, one for commercial haulers and one for "mom & pop" waste drop-off. After received, the waste is pushed into a pit conveyor which takes it into the processing building. The waste passes through several stages of processing, including the removal of bags, large debris, recyclables and residue. The final material is conveyed to another portion of the building where a digester is expected to be installed in the future. The "start-up" operations and training were discussed in detail.

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*

Leachate is collected in the processing building by several collection inlets which discharge into a lift station in the southernmost portion of the facility. The lift station discharges to a pipe which discharges outside the building to the east. Leachate will be pumped from the lift station into a leachate tank truck and will be hauled to the existing on-site leachate surface impoundment or compost pads. After construction of the digester(s), the leachate may be discharged into the digesters to enhance the composting process.

A few areas of concern were discussed with the County during our inspection.

1. "Flaps" leading from the discharge chutes to the storage bins below the processing line were not yet installed.
2. The facility was observed to have no fixed fire suppression system. Several fire extinguishers were located throughout the facility, but it was not clear whether or not the facility would require a fire sprinkler system.
3. The leachate discharge line (from the lift station) was installed to exit the east side of the building. However, discussion with the County and consultant's indicated that this line would be moved to facilitate future use of leachate in the digester.
4. The roads leading to the facility were not completed, and it appeared that significant quantities of sand could enter the facility and potentially clog the leachate collection system.
5. The financial assurance mechanism had not been established.

We requested that the County provide the following information to complete the certification:

1. As-built drawing of the leachate discharge line.
2. Documentation from the local fire authority concerning the adequacy of the facility's fire suppression system/methods.
3. Notification of completion of the roadways and installation of the "flaps".

The Department received this information on August 8, 1996, and scheduled a site visit on August 16, 1996 to verify completion of the project.

#### **August 16, 1996 inspection:**

The purpose of this inspection was to verify completion of the items discussed above, and provide the Department's position on the County's request to operate the facility.

All information requested appeared to be complete. The leachate discharge from the lift station had been modified to be above-ground, adjacent to a pushwall for the future digester instead of discharging outside of the building to the east. The east-west pipe was still in place, but the County indicated that the new discharge line was connected by an elbow to the new position, and the existing pipe was disconnected entirely from the lift station.

We briefly discussed to "start-up" operations and training at the facility.

1. I indicated that the Department does not object to minimal activity/operations at the facility (e.g. 10 tons/day) in order to begin "fine tuning" the equipment and begin training the employees. However, I stressed that the Department does NOT approve of full-scale operations until the financial assurance mechanism is adequately established (which has apparently not been completed). I suggested that Mr. Breeden should contact Ms. Erika Frederick (904-488-0300) the following week to work out the funding mechanism. Apparently Ms. Frederick has attempted several times to contact Mr. Breeden concerning this matter, but has received no response.

2. I also informed the County that the construction permit (Specific Condition #3.a.) requires that a minor modification of that permit is required to operate the facility (i.e. construction permit is modified to become operation permit). The County needs to send in a request for modification, with the appropriate documentation for a small county reduced fee (reduced fee is \$0) and the Department will modify the appropriate conditions in the permit to allow the operation of the facility.

**DEFICIENCIES NOTED:** none

**RECOMMENDATIONS:**

The owner/operator should perform the following activities:

1. Submit request for permit modification for operations.
2. Establish financial assurance mechanism with appropriate funding.

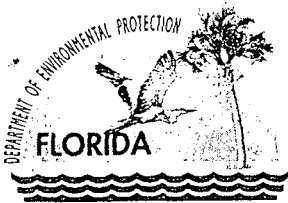
Please be reminded that the Department will not approve the full-scale operations at the facility until the financial assurance mechanism is established and appropriately funded. The Department will be sending a letter shortly which approves the Certification of Construction Completion for the facility.

**FDEP REPRESENTATIVE:**

  
Susan J. Pelz, P.E. Solid Waste Section

8/20/96  
Date Mailed to Facility

cc: Garry Breeden, 222 E. McCollum Ave, Bushnell, Fl. 33513  
David Springstead, P.E., Springstead Engineering, 727 S. 14th Street, Leesburg, Fl. 34748  
Mitch Kessler, TIA Consultants, 10012 N. Dale Mabry #223, Tampa, Fl. 33618  
Francine Joyal, FDEP Tallahassee  
Erika Frederick, FDEP Tallahassee  
Robert Butera, P.E., FDEP Tampa



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## FAX TRANSMITTAL SHEET

**FAXED**  
737A

8/20/96  
Date

TO: Terry Huns

Phone: 352-793-3368 Fax: 352-568-0166

FROM: Susan Pelz

Phone: (813) 744-6100 ext 386 Fax: (813) 744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 4

SUBJECT: Hand copy will follow in the  
mail

Attached is DRAFT Site Inspection  
Report - After Bob's review, final  
version will be mailed.

## Transmit Confirmation Report

No. : 001  
Receiver : 813525680166  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Aug 20 96 7:37  
Time : 04'19  
Mode : Fine  
Pages : 04  
Result : OK



Sumter Co.

MRF

8/16/96 ~~RECEIVED~~ SJP













**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

FILE

727 South 14th Street  
Leesburg, Florida 34748

August 7, 1996

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

Ms. Susan Pelz  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Sumter County MRF Inspection - Completion of Outstanding Items  
Permit No. SC60-263199

Dear Susan:

This letter is to notify the Department of Environmental Protection (DEP) that the four concerns noted by the DEP at the conclusion of the July 23, 1996 walk-through have been corrected or completed. The concerns were as follows:

- 1) FDEP requested an as-built detail of the leachate piping from the lift station after the new piping has been constructed.

**The new piping has been constructed and a print showing the as-built condition is attached.**

- 2) Flaps on the sorting bins need to be installed.

**The canvas flaps have been installed on all of the sorting chutes.**

- 3) The entrance road to the commercial and residential material tipping areas need to be completed.

**The roads leading to the tipping area for both the commercial and residential have been completed.**

- 4) FDEP requested a letter from the building or fire department stating that the building does not need a fire suppression system.

**A letter from the State Fire Inspector who reviewed the building construction plans is attached.**

Springstead Engineering, Inc. hopes that the above information meets your needs at the present time. Please notify me when you plan to make your final visit to facility prior to approval for material delivery. If you have any questions or require additional information, please contact my office.

Very truly yours,  
Springstead Engineering, Inc.

David W. Springstead, P.E.  
Florida Registration No. 48229

8/7/96

D.E.P.  
AUG 08 1996  
SOUTHWEST DISTRICT  
TAMPA

Attachments

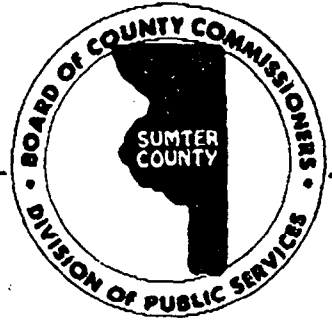
cc: Garry Breeden - Sumter County Department of Public Works  
Terry Hurst - Sumter County Solid Waste Management Facility  
Mitch Kessler - TIA Solid Waste Management Consultants, Inc.

**PLANNING, ZONING & BUILDING DEPARTMENT**

209 North Florida Street, Room 217 • Bushnell, Florida 33511 27  
Phone (904) 793-0270, 793-0271 • Fax (904) 793-0274

**RECEIVED**

LEESBURG, FL.



August 7, 1996

David W. Springstead  
Springstead Engineering, Inc.  
727 South 14<sup>th</sup> Street  
Leesburg, FL 34748

RE: Fire Suppression System at Sumter County MRF Building

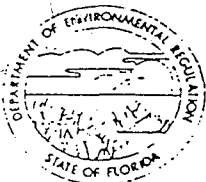
Dear Mr. Springstead:

I have reviewed the construction plans for the above referenced facility relative to fire safety for Sumter County and based on my review, it is my opinion that a fire safety suppression system is not required.

Sincerely,

James Branam  
State Fire Inspector

D.E.P.  
AUG 08 1996  
SOUTHWEST DISTRICT  
TAMPA



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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

# Interoffice Memorandum

## PERMIT COVER MEMO

TO: ~~W~~ RICK GARRITY, DDM  
WILLIAM KUTASH, ENV. ADM.  
OGC, ATTN: \_\_\_\_\_

FROM/THROUGH:

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
\_\_\_\_\_, PROGRAM SUPERVISOR  
Robert Polze PE 6/7/96, SECTION SUPERVISOR  
Susan Polze, IEH 7/16, ENG, ENV SPEC, GEOLOGIST

DATE: 7/16/96

FILE NAME: Sumter Co MRF  
PROGRAM: solid waste  
PERMIT#: SC60-263199  
COUNTY: Sumter

TYPE OF PERMIT ACTION: ☒ ISSUE ☐ DENY ☐ MODIFY  
☐ TRANSFER OWNER ☐ NOD ☐ INTENT ☐ PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED? \_\_\_\_\_  
PETITION? \_\_\_\_\_ RELEASED BY OGC? \_\_\_\_\_

PERMIT SUMMARY: This permit allows construction of a new  
materials recovery facility. The facility will process  
mixed Class I MSW.

PROFESSIONAL RECOMMENDATION: ☒ APPROVE ☐ DENY

EVALUATION SUMMARY:

App. complete 3-29-96  
intent sent 6-10-96 DAY 75  
proof of pub. 6-28-96  
Active on 7-12-96 DAY 76  
No petitions as of 7/16/96 1:04pm  
DAY 90 is 7/26/96

DAY 90/30 FOR THIS ACTION IS ASAP by 7/19/96



P 079 941 306

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to <i>Darry Breen</i>	
Street and No. <i>Sumter County Public Works Dept</i>	
<i>add E M Collins Ave</i>	
P.O., State and ZIP Code <i>Beiswelly, FL 33513</i>	
Postage	S
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	S
Postmark or Date  <i>7-22-96</i>	

PS Form 3800, June 1985

Is your RETURN ADDRESS completed on the reverse side?

5C60-263199

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

**3. Article Addressed to:**

Sumter County Public  
Works Dept  
Mr. Gary Breeden  
222 E. McCollum Ave  
Dundell, FL 33513

**4a. Article Number**

P 079 941 306

**4b. Service Type**

- |  |   |
|--|---|
| <input type="checkbox"/> Registered                                | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                              | <input type="checkbox"/> Insured              |
| <input checked="" type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

**7. Date of Delivery**

7-23-96

**5. Received By: (Print Name)**

**6. Signature: (Addressee or Agent)**

X Paul Vann

**8. Addressee's Address (Only if requested and fee is paid)**

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

State of Florida  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

JUL 24 1986

Protection

DISTRICT

BY

*Susan Pely*  
*Waster*



CERTIFICATION

Application No. SC 60 - 263199

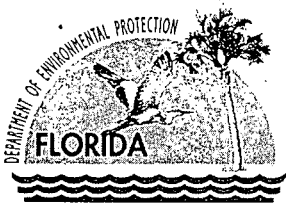
I HEREBY CERTIFY that the engineering features described in the above referenced application (provide / do not provide) reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 62. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the geotechnical, hydrogeological, electrical, mechanical features).

Robert J. Butera  
(Signed)

7-17-96  
(Date)

(Seal)





# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

July 22, 1996

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

## NOTICE OF PERMIT

Sumter County Public Works Department  
Mr. Garry Breeden, Director  
222 E. McCollum Ave.  
Bushnell, Fl. 33513

RE: Sumter County Materials Recovery Facility  
Permit No.: SC60-263199, Sumter County

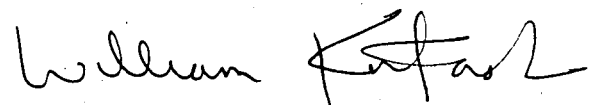
Dear Mr. Breeden:

Enclosed is Permit Number **SC60-263199**, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Any party to the Order (permit) has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on July 22, 1996 to the listed persons.

FILING AND ACKNOWLEDGMENT  
FILED, on this date, pursuant  
to Section 120.52(10), Florida  
Statutes, with the designated  
Department, Clerk, receipt of  
which is hereby acknowledged.

Betty Rodgers      7-22-96  
Clerk                              Date

RDG/sjp  
Attachment

Copies furnished to:

Elected Officials Notification List  
Sumter County Board of County Commissioners  
David Springstead, P.E., Springstead Engineering, 727 S.  
14th St., Leesburg, Fl. 34748  
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513  
Douglas Beason, OGC Tallahassee  
Chris McGuire, OGC Tallahassee  
Kathy Anderson, FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Robert Butera, P.E., FDEP Tampa  
Danielle Nichols, FDEP Tampa (Permit Notebook)



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## PERMITTEE

Sumter County Public Works Dept.  
Mr. Garry Breeden, Director  
222 E. McCollum Ave.  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: **SC60-263199**  
Date of Issue: 07/22/96  
Expiration Date: **06/01/2001**  
County: Sumter  
Lat/Long: 28°44'30"  
82°05'20"  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Materials Recovery  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **construct** a Materials Recovery Facility, referred to as the Sumter County Materials Recovery Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located at the Sumter County Solid Waste Management Facility, 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **construction** of:

1. Material Recovery Facility

**Replaces applicable conditions of Permit Number: S060-211179**

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.



**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

**GENERAL CONDITIONS:**

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
  - (a) Determination of Best Available Control Technology (BACT)
  - (b) Determination of Prevention of Significant Deterioration (PSD)
  - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
  - (d) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
  - (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    1. the date, exact place, and time of sampling or measurements;
    2. the person responsible for performing the sampling or measurements;
    3. the dates analyses were performed;
    4. the person responsible for performing the analyses;
    5. the analytical techniques or methods used;
    6. the results of such analyses.

PERMITTEE: Sumter County Public Works Dept.  
Mr. Garry Breeden, Director

PERMIT NO.: SC60-263199  
Materials Recovery Facility

**GENERAL CONDITIONS:**

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a resource recovery facility for materials recovery, sorting and recycling, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-28, 62-330, 62-520, 62-522, 62-550, and 62-701 Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.
2. **Permit Application Documentation.** This permit is valid for operation of the material recovery facility and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

Modification of Application for Permit to Construct a Materials Recovery Facility for the Composting Facility - Sumter County Solid Waste Management Facility, signed and sealed December 8, 1995;

Request for Additional Information Pending Permit No. SC60-263199, dated February 22, 1996;

Additional information dated March 28, 1996;

Plan Sheets titled, Sumter County Solid Waste Management Facility New Materials Recovery Facility, signed and sealed December 8, 1995, including sheets 7, 8, 10 and 10a as revised, signed and sealed February 22, 1996;  
and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**
  - a. This permit is valid for the construction of the new materials recovery facility. This permit does not authorize the operation of this facility. Upon completion of construction of the facility, the permittee shall request a minor modification to this permit to allow the operation of this facility. This minor modification request may be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.
  - b. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts, and which requires a detailed review by the Department, is considered a substantial modification.
4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

**SPECIFIC CONDITIONS:**

**5. Certification of Construction Completeness.** No later than thirty (30) days after the completion of construction, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to, details such as the as-built details of the leachate collection system, processing equipment installation, building details, floor slopes, pipe invert elevations, pit details, etc.

c. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

**6. Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

**7. Facility Operation Requirements.**

a. Material shall not be accepted or received at the facility for processing or storage prior to:

- 1) Submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above;
- 2) Submittal of the Operations and Maintenance Manual required by Specific Condition #7.b. below; and
- 3) Compliance with the financial assurance requirements in Specific Condition #14.a. and #14.b below.

b. No later than sixty (60) days prior to the receipt of waste at the facility, the permittee shall provide a comprehensive facility Operations and Maintenance Manual to the Department. The Operations and Maintenance Manual shall include all procedures necessary for the effective operation and maintenance of the facility and equipment.

c. The permittee shall operate this facility in accordance with F.A.C. 62-701.700; the information and drawings as listed in Specific Condition #2 above; the Operations and Maintenance Manual required by Specific Condition #7.b. above; and any other applicable requirements.

d. Litter shall be collected at least once daily.

**SPECIFIC CONDITIONS:**

(Specific Condition #7 cont'd)

e. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, unprocessed materials and residuals shall be removed and transported to an appropriately permitted disposal facility.

f. The owner or operator shall remove from the site 75% of all recyclable goods each year, either for recycling or disposal.

**8. Material Storage.**

a. Storage of processed and unprocessed materials, and residuals, shall not exceed the quantities or timeframes listed in Table 2, received March 29, 1996 ("Attachment 2" of this permit) or as otherwise specified by this permit.

b. Except nonprocessables (see Attachment 2), and processed glass and aluminum, all other processed and unprocessed materials, and residuals, shall be stored inside the building. All processed materials which are stored outdoors shall be stored in containers or trailers.

c. Processed materials which are stored outdoors in containers shall be covered (tarped) at the end of each working day, and in the event of inclement weather.

d. This permit does not authorize the collection or processing of tires at the facility. Incidental quantities of tires which are removed from mixed debris shall be stored in containers. The storage of incidental tires is limited to a maximum of 10 tons of tires or 1000 tires, whichever is less, at any time.

e. Unauthorized wastes shall be removed from the site within 72 hours of receipt at the facility.

f. All residuals shall be stored in containers in areas with leachate collection. Residuals shall be removed for disposal at an appropriate disposal facility permitted by the Department within 72 hours of generating the residual.

g. All incoming loads of waste and recyclables shall be unloaded and processed inside the building only.

**9. Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, Operation and Maintenance Manual required by Specific Condition #7.b. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.

b. The Operation and Maintenance Manual and Operations Plan shall be reviewed, and all changes, or a statement indicating that no changes have occurred, shall be submitted to the Department **annually, by April 15th** each year.

**SPECIFIC CONDITIONS:**

**10. Waste Records.**

a. The owner or operator of the materials recovery facility shall record, in tons (and cubic yards) per day, the amount of material received at the facility.

b. The following information shall be compiled monthly, and submitted to the Department quarterly, by **January 15th, April 15th, July 15th and October 15th** of each year:

1) The quantity, in tons per day, of each material, as listed in Attachment 2, which is received, stored and removed from the site for recycling or disposal.

2) The quantity of leachate removed for disposal as described in Specific Condition #12.c. below.

**11. Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

**12. Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building. All liquids discharged from unloading vehicles shall be contained within the building. Floors shall be free of standing liquids.

b. All drains and leachate collection sumps shall be inspected for damage and clogging at least daily, and shall be cleaned as required. The leachate collection sump grates shall be cleaned at least weekly. The sumps and piping shall be inspected, and accumulated debris shall be removed at least **weekly**. In the event that liquids do not free flow into the sumps, the grates shall **immediately (within 24 hours)** be removed and cleaned. In no event shall leachate be allowed to discharge beyond the leachate collection system. In the event that the sumps do not provide adequate removal of leachate from the building, corrective actions shall be taken to correct the deficiencies.

c. Quantities of leachate which is removed from the wet well for discharge into the existing leachate surface impoundments shall be recorded daily and compiled monthly.

**13. Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d) and the Closure Plan submitted in the information listed in Specific Condition #2, above.

**SPECIFIC CONDITIONS:**

**14. Financial Assurance.** The owner or operator shall provide financial assurance for the material recovery facility site in accordance with F.A.C. 62-701.700(4).

- a. Cost estimates for closure of the facility shall be submitted to the Department for approval. The cost estimates shall include the cost for loading, transportation and disposal of the maximum quantity of processed and unprocessed materials, residuals and unauthorized materials which may be at the facility at any time. The estimates shall be for a third-party performing the work.
- b. Proof that the financial assurance mechanism has been initially established and adequately funded shall be submitted to the Department within **ninety (90) days** of Department approval of the closure cost estimates, unless otherwise approved by the Department. Materials shall not be accepted, processed or stored at the facility prior to Department approval of the initial financial assurance funding.
- c. All costs for closure shall be adjusted for inflation and changes in the facility operations, and shall be submitted **annually, by June 30th each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318
- d. Proof that the financial mechanism has been funded adequately shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

**15. Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take **immediate (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

**16. Facility Maintenance and Repair.** The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems. In the event of damage to any portion of the site facilities or failure of any portion of the associated systems, the permittee shall immediately **(within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

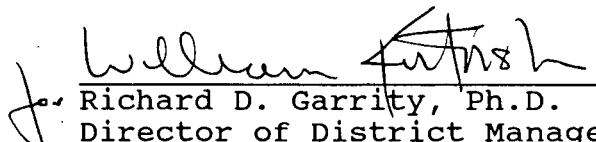


**SPECIFIC CONDITIONS:**

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with F.A.C. 62-330, and any other applicable Department rules.
18. **Fire Safety Survey.**
- a. **Annually, no later than June 15th,** the permittee shall submit to the Department a fire safety survey which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities.
  - b. In the event that deficiencies are noted, **within 30 days of completion,** the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.
19. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.
20. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.
21. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.
22. **Regulations.** A copy of F.A.C. 62-701.700, effective May 19, 1994, attached, is a part of this permit and shall remain attached for future reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration (January 1, 2001)	Permit Renewal Application
5.a., 5.b., 5.c.	Within 60 days of permit issuance	Certification of Construction Completion submitted; Record Drawings submitted
7.b.	No later than 60 days prior to first acceptance of waste	Submit Comprehensive Operations and Maintenance Manual
9.b.	Annually, by April 15th each year	Revised Operations Plan
10.b.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Waste quantity reports, leachate quantity reports
13.	180 days prior to date of final material acceptance	Closure notification
14.b.	Within 90 days of approved cost estimates	Proof of initial funding
14.c.	Annually, by June 30th	Revised financial assurance cost estimates
14.d.	Annually	Proof that financial mechanism is adequately funded
16.	Within 24 hours, Within 7 days, of occurrence	Notification of failure of systems Written notification & description of corrective actions
18.	Annually, by June 15th	Fire safety survey/inspection report
18.	Within 30 days of completion	Documentation of approved completion of fire safety corrective actions

ATTACHMENT 2

TABLE 2

	TRANSFERRED TO DISPOSAL FACILITY	STORED FOR PICKUP OR TRANSFER TO RECYCLER	RETURNED TO PROCESS LINE FOR ADDITIONAL RECOVERY	MAXIMUM STORAGE QUANTITY	AVERAGE STORAGE TIME	MAXIMUM STORAGE TIME	STORAGE METHOD	REQUIRED AREA
ALUMINUM		X		20YD3	6-8 WKS	1 YEAR	ROLLOFF	18' X 10'
FERROUS		X		44 BALES	4-6 WKS	1 YEAR	BALED (5'x 2'x 2')	440 SF
PLASTIC		X		24 BALES	2-4MTHS	1 YEAR	BALED (5'x 3'x 3')	360 SF
PAPER		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
FIBRE		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
GLASS		X		20YD3	2-4 MTHS	1 YEAR	ROLLOFF	18' X 10'
RESIDUES	X		X	10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
NON-PROCESSABLES								
OVERSIZE AND BULKY	X			10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
TIRES		X		1000 UNITS	3-4 MTHS	1 YEAR	LOOSE IN TRAILER	12' X 45'
LEAD-ACID BATTERIES		X		100 UNITS	4-6 WKS	90 DAYS	PALLETIZED (5'x 5')	125 SF
USED OIL		X		250 GAL	1 MONTH	90 DAYS	DRUM	7' X 4'
UNAUTHORIZED								
HAZARDOUS WASTE	X			NONE	N/A	N/A	N/A	N/A

D.E.P.  
MAR 29 1996  
SOUTHWEST DISTRICT  
TAMPA

# Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748



Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

TO Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

DATE 7/10/96 JOB NO. 921100.000

ATTENTION *S. PELE*

RE Sumter County Solid Waste Facility

## GENTLEMEN:

### WE ARE SENDING YOU

- ☒ Attached ☐ under separate cover via \_\_\_\_\_ the following items:
- ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile
- ☐ Copy of letter ☐ Change order ☐ \_\_\_\_\_

Copies	Date	No.	Description
1			Certification of Construction Completion of a Solid Waste Management Facility.
1			Plans (Sheets 7, 8, 10, 10a of 10) Solid Waste Management Facility.

## THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Approved for payment
- ☐ For your use ☐ Approved as noted ☐ Resubmit \_\_\_\_\_ copies for approval
- ☐ As requested ☐ Returned for corrections
- ☐ For review and comment ☐ \_\_\_\_\_
- ☐ Material and/or prints returned after loan to us

## REMARKS

**RECEIVED**  
JUL 11 1996  
BY *[Signature]*  
Dept. of Environmental Protection  
SOUTHWEST DISTRICT

COPY TO Mitch Kessler - TIA  
Garry Breeden - SCPW  
SEI - File

SIGNED: \_\_\_\_\_

*[Signature]*  
David W. Springstead, P.E.

kac

Member of American Consulting Engineers Council

JUL 11 1996

Depu. SOUTHWEST DISTRICT

BY BY  
Florida Department of Environmental Regulation

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DER Form # 17-701.900(2)
Form Title <u>Certification of Construction Completion of a</u> <u>Solid Waste Management Facility</u>
Effective Date <u>January 8, 1993</u>
DER Application No. _____ (Filled in by DER)

## Certification of Construction Completion of a Solid Waste Management Facility

DER Construction Permit No: SC60-263199 County: Sumter

Name of Project: Sumter County Solid Waste Management Facility

Name of Owner: Sumter County Board of County Commissioners

Name of Engineer: Springstead Engineering, Inc. David W. Springstead, P.E.

Type of Project: Construction of new Materials Recovery Facility

Cost: Estimate \$ 1,900,000 Actual \$ 1,909,935

Design: Quantity: 100 ton/day Site Acreage: 120± Acres

Deviations from Plans and Application Approved by DER: Deviations shown on attached  
record drawings with notes.


Address and Telephone No. of Site: 835 CR 529  
(352) 793-3368 Sumterville, Florida 33585

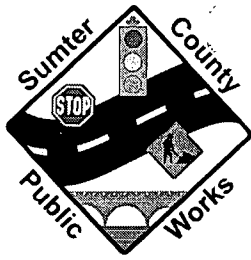
Name(s) of Site Supervisor: Terry Hurst

Date Site inspection is requested: July 24, 1996

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction Permit No.: SC60-263199 Dated: \_\_\_\_\_

Date: 7/10/96

  
Signature of Professional Engineer  
David W. Springstead, P.E.  
FL. Registration No. 48229



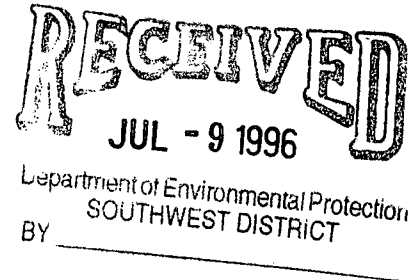
**SUMTER COUNTY PUBLIC WORKS**

319 EAST ANDERSON STREET  
BUSHNELL, FL 33513

352/793-0240 352/793-0247 Fax

**GARRY BREEDEN** **TOMMY HURST**  
Director Assistant Director

Date: July 3, 1996  
To: Department of Environmental Protection  
Attn: Susan Pelz  
From: Denise Reynolds  
Subject: Notice of Publication  
SC60-263199, Sumter County



On June 28, 1996, a copy of 6600627 SCT Public Notice was faxed to your attention to satisfy the seven (7) day proof of publication requirement.

As stated on the fax, we are now forwarded the original proof of publication from the Sumter County Times.

**Proof of Publication**  
from the  
**SUMTER COUNTY TIMES**  
Bushnell, Sumter County, Florida  
**PUBLISHED WEEKLY**

STATE OF FLORIDA  
COUNTY OF SUMTER

Before the undersigned authority personally appeared  
R. CHRIS ORDWAY

of the Sumter County Times, a newspaper published  
weekly on Thursday at Bushnell in Sumter County, Flor-  
ida; that the attached copy of advertisement being a  
public notice in the matter of \_\_\_\_\_  
Notice of Road Closing

\_\_\_\_\_ Court, was published in said newspaper in the issues of

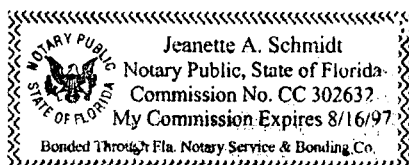
\_\_\_\_\_ June 27, 1996

Affiant further says that the Sumter County Times is a  
newspaper published at Bushnell in said Sumter County,  
Florida, and that the said newspaper has heretofore  
been continuously published in Sumter County, Florida,  
each week and has been entered as second class mail  
matter at the post office in Bushnell in said Sumter  
County, Florida, for a period of one year next preceding  
the first publication of the attached copy of advertise-  
ment; and affiant further says that he/she has neither  
paid nor promised any person, firm or corporation any  
discount, rebate, commission or refund for the purpose  
of securing this advertisement for publication in the said  
newspaper.

R. Chris Ordway  
Personally known ☒ Produced Identification ☐  
Type of Identification \_\_\_\_\_

Sworn to and subscribed before me this 27th  
day of June A.D. 19 96

(SEAL) Notary Public Jeanette A. Schmidt



6600627 SCT  
PUBLIC NOTICE  
State of Florida  
Department of  
Environmental Protection  
Notice of Proposed  
Agency Action on  
Permit Application

The Department gives notice of its intent to issue a permit to Sumter County Public Works Department, Mr. Gary Breeden, Director, who applied on December 16, 1994, and submitted substantial revisions on December 11, 1995, to the Department of Environmental Protection for a permit to construct a solid waste materials recovery facility, at the Sumter County Solid Waste Management Facility, located 1 mile east of Interstate 75, on County Road 470, north of Bushnell, Sumter County, Florida.  
DEP File Number: SC60-263199, Sumter County.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below, and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of Department's action, or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department.

Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 62-103.155, F.A.C.

The application 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 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Published one (1) time in the Sumter County Times: June 27, 1996.

**GARRY BREEDEN** **TOMMY HURST**  
*Director* *Assistant Director*

Original proof of publication  
will follow as soon as received.

[illegible]





**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

June 21, 1996

Ms. Susan Pelz  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**RE: Facility Operations and Maintenance Manuals  
Sumter County Solid Waste Management Facility  
SEI File No. 921100.000**

SC60-263199

**RECEIVED**  
JUN 24 1996

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

Dear Ms. Pelz:

Please find attached the draft operations and maintenance manuals for the Sumter County facility as required by Condition 7.b. of the draft permit received from your office on June 10, 1996.

As we are trying to begin testing of the facility as soon as possible, we would appreciate an expedient review and approval of these documents by the Department. Please address any comments and concerns to my attention.

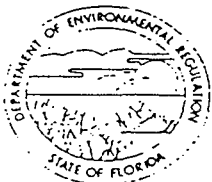
To further accelerate the schedule to begin the testing of the facility, we anticipate that the certification of construction completion and as-built drawings will be sent to your office during the week of June 24, 1996. We request that the Department's inspection of construction be scheduled as soon as possible after receiving the as-built drawings.

Springstead Engineering, Inc. hopes that the enclosed information meets the Department's needs at the present time. If you have any questions or require additional information, please contact my office.

Very truly yours,  
Springstead Engineering, Inc.

David W. Springstead, P.E.  
Florida Registration No. 48229

cc: Garry Breeden - Sumter County  
Terry Hurst - Sumter County  
Mitch Kessler - TIA Consultants



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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

# Interoffice Memorandum

## PERMIT COVER MEMO

TO: ☒ RICK GARRITY, DDM  
☒ WILLIAM KUTASH, ENV. ADM.  
☐ OGC, ATTN: \_\_\_\_\_

FROM/THROUGH:

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
\_\_\_\_\_, PROGRAM SUPERVISOR  
*Robert Baker PE* *RB 6/7/96*, SECTION SUPERVISOR  
*Susan Peitz, IEH* *SP 6/7/96*, ENG, ENV SPEC, GEOLOGIST

DATE: 6/7/96

FILE NAME: Sumter County MRF  
PROGRAM: Solid Waste

PERMIT#: SC60-263199  
COUNTY: Sumter

TYPE OF PERMIT ACTION: ☒ ISSUE ☐ DENY ☐ MODIFY  
☐ TRANSFER OWNER ☐ NOD ☒ INTENT ☐ PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED? \_\_\_\_\_  
PETITION? \_\_\_\_\_

RELEASED BY OGC? \_\_\_\_\_

PERMIT SUMMARY: This permit is for construction of a  
new materials recovery facility.

PROFESSIONAL RECOMMENDATION: ☒ APPROVE ☐ DENY

EVALUATION SUMMARY: I recommend approval based on  
information submitted. This facility will provide  
"state of the art" recycling capabilities.

DAY 90/30 FOR THIS ACTION IS ASAP by 6/14/96

P 378 180 582

US Postal Service

# Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to <i>Sumter County</i>	
Street & Number <i>Harry Breeden</i>	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date  <i>6-10-96</i>	

## SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

*SE60-263199*

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

### 3. Article Addressed to:

*Sumter County  
Public Works Dept  
Mr. Harry Breeden Dir  
222 E. McCallum Ave  
Bushnell, FL 33513*

### 4a. Article Number

*P 378 180 582*

### 4b. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Registered                                | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                              | <input type="checkbox"/> Insured              |
| <input checked="" type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

### 7. Date of Delivery

*6-11-96*

### 5. Received By: (Print Name)

### 6. Signature: (Addressee or Agent)

*X [Signature]*

### 8. Addressee's Address (Only if requested and fee is paid)

*[Signature]*

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

- Print your name, address, and ZIP Code in this box

State of Florida  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

RECEIVED  
JUN 13 1996  
Department of Environmental Protection  
SOUTHWEST DISTRICT

SUSAN Pelz  
Solid Waste Program

THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

JUN 10 1996

In the matter of an  
Application for Permit by:

DEP File No. SC60-263199,  
Sumter County

Sumter County Public Works Department  
Mr. Garry Breeden, Director  
222 E. McCollum Ave  
Bushnell, Florida 33513

---

INTENT TO ISSUE

The Department of Environmental Protection hereby gives notice of its Intent to Issue a construction permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Sumter County Public Works Department, Mr. Garry Breeden, Director, applied on December 16, 1994, and submitted substantial revisions on December 11, 1995, to the Department of Environmental Protection for a permit to construct a solid waste materials recovery facility referred to as the Sumter County Materials Recovery Facility, located on County Road 470, 1 mile east of Interstate 75, north of Bushnell, Sumter County, Florida.

The Department has permitting jurisdiction under 403.707 and 403.861, Florida Statutes, and Rules 62-4 and 62-701 Florida Administrative Code (F.A.C.). The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

The Department intends to issue this permit based on its belief that reasonable assurances have been provided to indicate that the proposed project will not adversely impact water quality and the proposed project will comply with appropriate provisions of Chapters 62-3, 62-4, 62-330, 62-550, and 62-701, F.A.C., subject to the specific conditions attached in the permit.

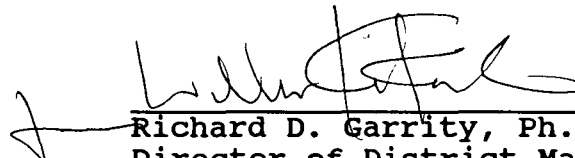
Pursuant to Section 403.815, Florida Statutes and FDEP Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on Permit Application. The notice must be published one time only within thirty (30) days of receipt of this intent in the legal ad section of a newspaper of general circulation in the area affected. Proof of publication must be provided to the Department within seven (7) days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless petition for administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, Florida Statutes. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. Petitions must comply with the requirements of Florida Administrative Code Rule 62-103.155 (copy enclosed) and be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the

permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

RDG/sjp

Attachment

Copies furnished to:

Elected Officials Notification List  
Sumter County Board of County Commissioners  
David Springstead, P.E., Springstead Engineering, 727 S. 14th St.,  
Leesburg, Fl. 34748  
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513  
Douglas Beason, OGC Tallahassee  
Chris McGuire, OGC Tallahassee  
Kathy Anderson, FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, FDEP Tampa

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on JUN 10 1996 to the listed persons.  
Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED,**  
on this date, pursuant to  
Section 120.52(11), Florida  
Statutes, with the designated  
Department Clerk, receipt of which  
is hereby acknowledged.

Anna Black  
(Clerk)

JUN 10 1996  
(Date)



**State of Florida**  
**Department of Environmental Protection**  
**Notice of Proposed Agency Action on Permit Application**

The Department gives notice of its intent to issue a permit to Sumter County Public Works Department, Mr. Garry Breeden, Director, who applied on December 16, 1994, and submitted substantial revisions on December 11, 1995, to the Department of Environmental Protection for a permit to construct a solid waste materials recovery facility, at the Sumter County Solid Waste Management Facility, located 1 mile east of Interstate 75, on County Road 470, north of Bushnell, Sumter County, Florida.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below, and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of Department's action, or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department.

Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 62-103.155, F.A.C.

The application 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 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

RULES OF THE ADMINISTRATION COMMISSION, MODEL RULES OF PROCEDURE  
CHAPTER 28-5, DECISIONS DETERMINING SUBSTANTIAL INTERESTS  
PART II, FORMAL HEARINGS  
A) PREHEARING PROCEDURES

28-5.201 Initial of Formal Proceedings.

(1) Initiation of formal proceedings shall be made by petition to the Agency responsible for rendering final Agency action. The term petition as used herein includes any application or other document which expresses a request for formal proceedings. Each petition should be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double-spaced and indented.

(2) All petitions filed under these rules should contain:

(a) The name and address of each Agency affected and each Agency's file or identification number, if known;

(b) The name and address of the petitioner or petitioners, and an explanation of how his/her substantial interests will be affected by the Agency determination;

(c) A statement of when and how petitioner received notice of the Agency decision of intent to render a decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A demand for relief to which the petitioner deems himself entitled; and

(g) Other information which the petitioner contends is material.

(3) Upon receipt of a petition for formal proceedings, the Agency shall either accept or deny the petition, and if accepted shall elect either to conduct the hearing itself through the Agency head, or member thereof, assign a person authorized by Subsection 120.57(1)(a) or other authority, or request that a Hearing Officer from the Division of Administrative Hearings be assigned to conduct the hearing.

(a) A petition may be denied if the petitioner does not state adequately a material factual allegation, such as a substantial interest in the Agency determination, or if the petition is untimely.

(b) The Agency shall promptly give written notice to all parties of the action taken on the petition, and shall state with particularity its reasons therefore.

(4) If the Agency elects to request that a Hearing Officer of the Division of Administrative Hearings be assigned to conduct the hearing, the Agency shall forward the petition, and all materials filed with the Agency, to the Division of Administrative hearings, and shall notify all parties of its action.

Specific Authority: 120.53(1), 120.54(10), F.S.

Law Implemented: 120.57, F.S.

History: New 3-23-80

SECTION 62-103.155, FLORIDA ADMINISTRATIVE CODE  
RULES OF ADMINISTRATIVE PROCEDURE  
FINAL AGENCY ACTION (NON-RULEMAKING) AND APPEAL

**62-103.155 Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.**

(1)(a) Any person whose substantial interests may be affected by proposed or final agency action by the Department may file a petition for formal administrative hearing in accordance with this rule if the person disputes the material facts upon which the Department's action is based.

(b) Any person whose substantial interests may be affected by proposed or final action by the Department may file a petition for informal administrative hearing in accordance with this rule if the person objects to the Department's action but does not dispute the material facts upon which the Department's action is based.

(2) A petition for formal or informal administrative hearing pursuant to section 120.57, F.S., shall contain the following information:

a) The name, address, and telephone number of each petitioner. If the petitioner challenges a Department action or proposed action on a permit application, the applicant's name and address, the Department permit file number and the county in which the project is proposed shall also be included;

(b) A statement of how and when each petitioner received notices of the Department action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of those material facts (i.e., those facts upon which the Department's action or proposal is based) is disputed by petitioner. If no facts are disputed, petitioner shall so state;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;

(g) A statement of relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

(3)(a) A petition shall be in the form required by this rule and must be filed (received) in the Office of General Counsel of the Department within the following number of days after receipt or publication (whichever occurs first) of notice of proposed agency action or of notice of agency action:

1. Petitions concerning Department action or proposed action on applications for permits (except permits for hazardous waste facilities): 14 days;

2. Petitions concerning Department action or proposed action on applications for hazardous waste facility permits: 45 days;

3. Petitions concerning notices of violation when no informal conference is held: 20 days after receipt of the notice of violation;

4. Petitions concerning notices of violation when an informal conference is held: 10 days after receipt of notice of completion of the informal conference;

5. Petitions concerning other Department actions or proposed actions: 21 days.

The petitioner shall also serve a copy of the petition on all other parties to the proceeding, as identified in the published notice, at the time of filing.

(b) Failure to timely file a petition within the applicable time period after receipt of notice of agency action or receipt of notice of proposed agency action, whichever notice first occurs, shall constitute a waiver of any right to request an administrative proceeding under Chapter 120, F.S.

(4) If a petition is filed that does not substantially comply with the requirements of subsection (2) of this rule, the Department shall issue an order dismissing the petition with leave to file an amended petition complying with the requirements of this rule within 15 days of service of the order. If an amended petition complying with this rule is not filed (received) within 15 days of service of the order, the petitioner's right to a proceeding under Section 120.57, F.S., is waived.

(5) When there has been no publication of notice of agency action or notice of proposed agency action as prescribed in Rule 62-103.150, F.A.C., a person who has actual knowledge of the agency action or has knowledge which would lead a reasonable person to conclude that the Department has taken final agency action, has a duty to make further inquiry within 14 days of obtaining such knowledge by contacting the Department to ascertain whether action has occurred. The Department shall upon receipt of such an inquiry, if agency action has occurred, promptly provide the person with notice as prescribed by Rule 62-103.150, F.A.C. Failure of the person to make inquiry with the Department within 14 days after obtaining such knowledge may stop the person from obtaining an administrative proceeding on the agency action.

(6)(a) "Receipt of notice of agency action" means receipt of written notice of final agency action, as prescribed by Department rule, or the publication, pursuant to Department rule, of notice of final agency action, whichever first occurs.

(b) "Receipt of notice of proposed agency action" means receipt of written notice (such as a letter of intent) that the Department proposes to take certain action, or the publication pursuant to Department rule of notice of proposed agency action, whichever first occurs.

(7) Notwithstanding any other provision in this Chapter, should a substantially affected person who fails to timely request a hearing under Section 120.57, F.S., administratively appeal the final Department action or order, the record on appeal shall be limited to:

(a) the application and accompanying documentation submitted by the applicant prior to the issuance of the agency's intent to issue or deny the requested permit.

(b) the materials and information relied upon by the agency in determining the final agency action or order;

(c) any notices issued or published; and

(d) the final agency action or order entered concerning the permit application.

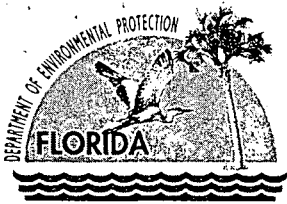
(8) In such cases where persons do not timely exercise their rights accorded by Section 120.57(1), Florida Statutes, the allegations of fact contained in or incorporated by the final agency action shall be deemed uncontested and true, and appellants may not dispute the truth of such allegations upon subsequent appeal.

(9) Any applicant may challenge the Department's request for additional information by filing with the Office of General Counsel an appropriate petition for administrative proceeding pursuant to Section 120.60, F.S., following receipt by the applicant of the Department's notification pursuant to Section 403.0876, F.S., that additional information is required.

Specific Authority: 120.53, 403.0876, 403.815, F.S.

Law Implemented: 120.53, F.S.

History: New 9-20-79; Amended 4-28-81; Transferred from 17-1.62 and Amended 6-1-84; Amended 10-19-88, Formerly 17-103.155.



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

**DRAFT**

**PERMITTEE**

Sumter County Public Works Dept.  
Mr. Garry Breeden, Director  
222 E. McCollum Ave.  
Bushnell, Florida 33513

**PERMIT/CERTIFICATION**

GMS ID No: 4060C00092  
Permit No: SC60-263199  
Date of Issue:  
Expiration Date: 06/01/2001  
County: Sumter  
Lat/Long: 28°44'30"  
82°05'20"  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Materials Recovery  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **construct** a Materials Recovery Facility, referred to as the Sumter County Materials Recovery Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located at the Sumter County Solid Waste Management Facility, 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **construction** of:

1. Material Recovery Facility

**Replaces applicable conditions of Permit Number: S060-211179**

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

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**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

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11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
  - (a) Determination of Best Available Control Technology (BACT)
  - (b) Determination of Prevention of Significant Deterioration (PSD)
  - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
  - (d) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
  - (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    1. the date, exact place, and time of sampling or measurements;
    2. the person responsible for performing the sampling or measurements;
    3. the dates analyses were performed;
    4. the person responsible for performing the analyses;
    5. the analytical techniques or methods used;
    6. the results of such analyses.



PERMITTEE: Sumter County Public Works Dept.  
Mr. Garry Breeden, Director

PERMIT NO.: SC60-263199  
Materials Recovery Facility

**GENERAL CONDITIONS:**

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15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a resource recovery facility for materials recovery, sorting and recycling, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-28, 62-330, 62-520, 62-522, 62-550, and 62-701 Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.
2. **Permit Application Documentation.** This permit is valid for operation of the material recovery facility and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

Modification of Application for Permit to Construct a Materials Recovery Facility for the Composting Facility - Sumter County Solid Waste Management Facility, signed and sealed December 8, 1995;

Request for Additional Information Pending Permit No. SC60-263199, dated February 22, 1996;

Additional information dated March 28, 1996;

Plan Sheets titled, Sumter County Solid Waste Management Facility New Materials Recovery Facility, signed and sealed December 8, 1995, including sheets 7, 8, 10 and 10a as revised, signed and sealed February 22, 1996; and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**
  - a. This permit is valid for the construction of the new materials recovery facility. This permit does not authorize the operation of this facility. Upon completion of construction of the facility, the permittee shall request a minor modification to this permit to allow the operation of this facility. This minor modification request may be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.
  - b. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts, and which requires a detailed review by the Department, is considered a substantial modification.
4. **Permit Renewal.** No later than one hundred eighty (180) days before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

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**SPECIFIC CONDITIONS:**

**5. Certification of Construction Completeness.** No later than thirty (30) days after the completion of construction, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to, details such as the as-built details of the leachate collection system, processing equipment installation, building details, floor slopes, pipe invert elevations, pit details, etc.

c. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

**6. Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

**7. Facility Operation Requirements.**

a. Material shall not be accepted or received at the facility for processing or storage prior to:

- 1) Submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above;
- 2) Submittal of the Operations and Maintenance Manual required by Specific Condition #7.b. below; and
- 3) Compliance with the financial assurance requirements in Specific Condition #14.a. and #14.b below.

b. No later than sixty (60) days prior to the receipt of waste at the facility, the permittee shall provide a comprehensive facility Operations and Maintenance Manual to the Department. The Operations and Maintenance Manual shall include all procedures necessary for the effective operation and maintenance of the facility and equipment.

c. The permittee shall operate this facility in accordance with F.A.C. 62-701.700; the information and drawings as listed in Specific Condition #2 above; the Operations and Maintenance Manual required by Specific Condition #7.b. above; and any other applicable requirements.

d. Litter shall be collected at least once daily.

**SPECIFIC CONDITIONS:**

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(Specific Condition #7 cont'd)

e. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, unprocessed materials and residuals shall be removed and transported to an appropriately permitted disposal facility.

f. The owner or operator shall remove from the site 75% of all recyclable goods each year, either for recycling or disposal.

**8. Material Storage.**

a. Storage of processed and unprocessed materials, and residuals, shall not exceed the quantities or timeframes listed in Table 2, received March 29, 1996 ("Attachment 2" of this permit) or as otherwise specified by this permit.

b. Except nonprocessables (see Attachment 2), and processed glass and aluminum, all other processed and unprocessed materials, and residuals, shall be stored inside the building. All processed materials which are stored outdoors shall be stored in containers or trailers.

c. Processed materials which are stored outdoors in containers shall be covered (tarped) at the end of each working day, and in the event of inclement weather.

d. This permit does not authorize the collection or processing of tires at the facility. Incidental quantities of tires which are removed from mixed debris shall be stored in containers. The storage of incidental tires is limited to a maximum of 10 tons of tires or 1000 tires, whichever is less, at any time.

e. Unauthorized wastes shall be removed from the site within 72 hours of receipt at the facility.

f. All residuals shall be stored in containers in areas with leachate collection. Residuals shall be removed for disposal at an appropriate disposal facility permitted by the Department within 72 hours of generating the residual.

g. All incoming loads of waste and recyclables shall be unloaded and processed inside the building only.

**9. Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, Operation and Maintenance Manual required by Specific Condition #7.b. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.

b. The Operation and Maintenance Manual and Operations Plan shall be reviewed, and all changes, or a statement indicating that no changes have occurred, shall be submitted to the Department annually, by April 15th each year.

**SPECIFIC CONDITIONS:**

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**10. Waste Records.**

a. The owner or operator of the materials recovery facility shall record, in tons (and cubic yards) per day, the amount of material received at the facility.

b. The following information shall be compiled monthly, and submitted to the Department quarterly, by January 15th, April 15th, July 15th and October 15th of each year:

1) The quantity, in tons per day, of each material, as listed in Attachment 2, which is received, stored and removed from the site for recycling or disposal.

2) The quantity of leachate removed for disposal as described in Specific Condition #12.c. below.

**11. Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

**12. Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building. All liquids discharged from unloading vehicles shall be contained within the building. Floors shall be free of standing liquids.

b. All drains and leachate collection sumps shall be inspected for damage and clogging at least daily, and shall be cleaned as required. The leachate collection sump grates shall be cleaned at least weekly. The sumps and piping shall be inspected, and accumulated debris shall be removed at least weekly. In the event that liquids do not free flow into the sumps, the grates shall immediately (within 24 hours) be removed and cleaned. In no event shall leachate be allowed to discharge beyond the leachate collection system. In the event that the sumps do not provide adequate removal of leachate from the building, corrective actions shall be taken to correct the deficiencies.

c. Quantities of leachate which is removed from the wet well for discharge into the existing leachate surface impoundments shall be recorded daily and compiled monthly.

**13. Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days** prior to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d) and the Closure Plan submitted in the information listed in Specific Condition #2, above.

**SPECIFIC CONDITIONS:**

**DRAFT**

**14. Financial Assurance.** The owner or operator shall provide financial assurance for the material recovery facility site in accordance with F.A.C. 62-701.700(4).

a. Cost estimates for closure of the facility shall be submitted to the Department for approval. The cost estimates shall include the cost for loading, transportation and disposal of the maximum quantity of processed and unprocessed materials, residuals and unauthorized materials which may be at the facility at any time. The estimates shall be for a third-party performing the work.

b. Proof that the financial assurance mechanism has been initially established and adequately funded shall be submitted to the Department within **ninety (90) days** of Department approval of the closure cost estimates, unless otherwise approved by the Department. Materials shall not be accepted, processed or stored at the facility prior to Department approval of the initial financial assurance funding.

c. All costs for closure shall be adjusted for inflation and changes in the facility operations, and shall be submitted **annually, by June 30th each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318

d. Proof that the financial mechanism has been funded adequately shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

**15. Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take **immediate (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

**16. Facility Maintenance and Repair.** The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems. In the event of damage to any portion of the site facilities or failure of any portion of the associated systems, the permittee shall immediately **(within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

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**SPECIFIC CONDITIONS:**

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with F.A.C. 62-330, and any other applicable Department rules.
18. **Fire Safety Survey.**
  - a. **Annually, no later than June 15th,** the permittee shall submit to the Department a fire safety survey which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities.
  - b. In the event that deficiencies are noted, **within 30 days of completion,** the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.
19. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.
20. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.
21. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.
22. **Regulations.** A copy of F.A.C. 62-701.700, effective May 19, 1994, attached, is a part of this permit and shall remain attached for future reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

**DRAFT**

Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration (January 1, 2001)	Permit Renewal Application
5.a., 5.b., 5.c.	Within 60 days of permit issuance	Certification of Construction Completion submitted; Record Drawings submitted
7.b.	No later than 60 days prior to first acceptance of waste	Submit Comprehensive Operations and Maintenance Manual
9.b.	Annually, by April 15th each year	Revised Operations Plan
10.b.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Waste quantity reports, leachate quantity reports
13.	180 days prior to date of final material acceptance	Closure notification
14.b.	Within 90 days of approved cost estimates	Proof of initial funding
14.c.	Annually, by June 30th	Revised financial assurance cost estimates
14.d.	Annually	Proof that financial mechanism is adequately funded
16.	Within 24 hours, Within 7 days, of occurrence	Notification of failure of systems Written notification & description of corrective actions
18.	Annually, by June 15th	Fire safety survey/inspection report
18.	Within 30 days of completion	Documentation of approved completion of fire safety corrective actions

**DRAFT**



ATTACHMENT 2

TABLE 2

	TRANSFERRED TO DISPOSAL FACILITY	STORED FOR PICKUP OR TRANSFER TO RECYCLER	RETURNED TO PROCESS LINE FOR ADDITIONAL RECOVERY	MAXIMUM STORAGE QUANTITY	AVERAGE STORAGE TIME	MAXIMUM STORAGE TIME	STORAGE METHOD	REQUIRED AREA
ALUMINUM		X		20YD3	6-8 WKS	1 YEAR	ROLLOFF	18' X 10'
FERROUS		X		44 BALES	4-6 WKS	1 YEAR	BALED (5'x 2'x 2')	440 SF
PLASTIC		X		24 BALES	2-4MTHS	1 YEAR	BALED (5'x 3'x 3')	360 SF
PAPER		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
FIBRE		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
GLASS		X		20YD3	2-4 MTHS	1 YEAR	ROLLOFF	18' X 10'
RESIDUES	X		X	10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
NON-PROCESSABLES								
OVERSIZE AND BULKY	X			10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
TIRES		X		1000 UNITS	3-4 MTHS	1 YEAR	LOOSE IN TRAILER	12' X 45'
LEAD-ACID BATTERIES		X		100 UNITS	4-6 WKS	90 DAYS	PALLETIZED (5'x 5')	125 SF
USED OIL		X		250 GAL	1 MONTH	90 DAYS	DRUM	7' X 4'
UNAUTHORIZED								
HAZARDOUS WASTE	X			NONE	N/A	N/A	N/A	N/A

D.E.P.  
MAR 29 1996  
SOUTHWEST DISTRICT  
TAMPA

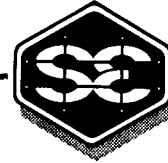
TABLE 2

	TRANSFERRED TO DISPOSAL FACILITY	STORED FOR PICKUP OR TRANSFER TO RECYCLER	RETURNED TO PROCESS LINE FOR ADDITIONAL RECOVERY	MAXIMUM STORAGE QUANTITY	AVERAGE STORAGE TIME	MAXIMUM STORAGE TIME	STORAGE METHOD	REQUIRED AREA
ALUMINUM		X		20YD3	6-8 WKS	1 YEAR	ROLLOFF	18' X 10'
FERROUS		X		44 BALES	4-6 WKS	1 YEAR	BALED (5'x 2'x 2')	440 SF
PLASTIC		X		24 BALES	2-4MTHS	1 YEAR	BALED (5'x 3'x 3')	360 SF
PAPER		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
FIBRE		X		24 BALES	4-6 WKS	1 YEAR	BALED (5'x 3'x 3')	360 SF
GLASS		X		20YD3	2-4 MTHS	1 YEAR	ROLLOFF	18' X 10'
RESIDUES	X		X	10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
NON-PROCESSABLES								
OVERSIZE AND BULKY	X			10YD3	72 HOURS	72 HOURS	LOOSE IN PILE	270 SF
TIRES		X		1000 UNITS	3-4 MTHS	1 YEAR	LOOSE IN TRAILER	12' X 45'
LEAD-ACID BATTERIES		X		100 UNITS	4-6 WKS	90 DAYS	PALLETIZED (5'x 5')	125 SF
USED OIL		X		250 GAL	1 MONTH	90 DAYS	DRUM	7' X 4'
UNAUTHORIZED								
HAZARDOUS WASTE	X			NONE	N/A	N/A	N/A	N/A

D.E.P.  
MAR 29 1996  
SOUTHWEST DISTRICT  
TAMPA

# Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors



*see  
Board report*  
727 South 14th Street  
Leesburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

TO Ms. Susan Pelz, E.I.  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

DATE 3/28/96 JOB NO. 921100.000

ATTENTION Ms. Susan J. Pelz, E.I.  
RE Materials Recovery Building

## GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ under separate cover via \_\_\_\_\_ the following items:  
☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile  
☐ Copy of letter ☐ Change order ☐ \_\_\_\_\_

Copies	Date	No.	Description
5			R.A.I. - Materials Recovery Building
5			Letter from Paquette Paving - Re: SC Solid Waste Estimate
5			Table 2

## THESE ARE TRANSMITTED as checked below:

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> For approval                                     | <input type="checkbox"/> Approved as submitted    | <input type="checkbox"/> Approved for payment               |
| <input type="checkbox"/> For your use                                     | <input type="checkbox"/> Approved as noted        | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input type="checkbox"/> As requested                                     | <input type="checkbox"/> Returned for corrections |   |
| <input type="checkbox"/> For review and comment                           | <input type="checkbox"/> _____                    |   |
| <input type="checkbox"/> Material and/or prints returned after loan to us |   |   |


## REMARKS

D.E.P.

MAR 29 1996

SOUTHWEST DISTRICT  
TAMPA

COPY TO Garry Breeden - SC Public Works  
Mitch Kessler - TIA  
Jake Varn - Carlton, Fields...  
RRT Design  
SEI-File

SIGNED:   
David W. Springstead, P.E.

Member of American Consulting Engineers Council

P 593 160 374

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to <i>Harry Breedon, Dir</i>	
Street & Number <i>Sumter County</i>	
Post Office, State, & ZIP Code <i>Dept of Public Works</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date  <i>3-22-96</i>	

SC 60-263199

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

(MRF)

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

## 3. Article Addressed to:

*Harry Breedon, Director  
Sumter County  
Dept. of Public Works  
222 EAST McCullum Ave  
Bunnell, FL 32513*

## 4a. Article Number

*P 593 160 374*

## 4b. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Registered                                | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                              | <input type="checkbox"/> Insured              |
| <input checked="" type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

## 7. Date of Delivery

*3-25-96*

## 5. Received By: (Print Name)

## 8. Addressee's Address (Only if requested and fee is paid)

## 6. Signature: (Addressee or Agent)

*X Lisa Nordle*

UNITED STATES POSTAL SERVICE

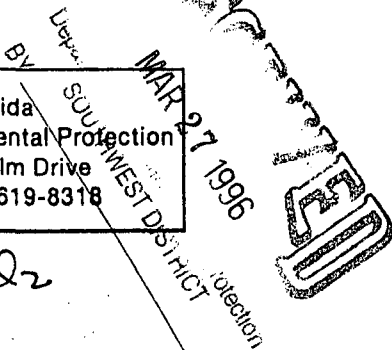


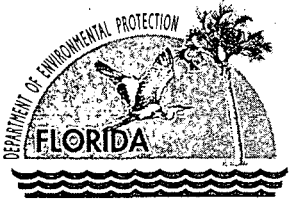
First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

State of Florida  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

*Susan Pelz*





# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

CERTIFIED MAIL  
RETURN RECEIPT

Mr. Garry Breeden, Director  
Sumter County Department of Public Works  
222 East Mc Cullum Ave.  
Bushnell, FL 33513

March 22, 1996

RE: Materials Recovery Facility Expansion  
Pending Permit No. SC60-263199, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of the additional information submitted by Springstead Engineering, received February 23, 1996, supporting your permit application, dated December 16, 1994, to construct an expansion to the existing solid waste composting and materials recovery facility, referred to as the Sumter County Solid Waste Management Composting Facility.

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. 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 62-701, Florida Administrative Code (F.A.C.)]:

1. **Operations and Maintenance Manual, Safety Plan.** The information states, "the County anticipates receiving [the procedures for start-up operation, normal operation and emergency shut down operations and safety information] from the recovery equipment supplier by the end of April 1996. The County will forward this information to the Department upon receipt." Please be advised that the Department cannot consider the permit application complete prior to Department review of this information.

✓ 2. **Material Storage.** Please clarify the information provided in Table 2. The information states, "all materials will be either baled and stacked, palletized, binned or stored in roll-offs or trailers." Please specify the storage method for each type of material. Since all materials will be stored "in the existing processing building", please estimate the maximum quantity of materials which will be stored in this location. Will roll-offs and trailers be stored in the existing processing building? Will the existing processing equipment be removed to allow additional available storage? Based on the estimated waste composition, material recovery rates, storage method, and material bulk density, please estimate the maximum storage quantity and time for each processed and unprocessed material and residues. Storage times of 1 year do not seem to be appropriate since the facility will be processing 100 tons/day of material, and the maximum storage for all materials and residues is 300 tons (based on cost estimate information).

3. **Financial Assurance.** The cost estimates submitted are not approved. Please provide detailed copies of the third-party estimates for the removal, loading, transportation and disposal costs for the maximum quantity of materials (processed, unprocessed, residuals, and unauthorized wastes) which may be on-site at the facility at any time.

4. **Drawings, Sheet 10a, Leachate Collection System Details.** Please verify the east and west invert elevations noted on both the west view and north view of the middle inlet structure (northernmost portion of the building).

"NOTICE! Pursuant to the provisions of Section 120.60, F.S. and Chapter 62-4.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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."

The Department has received the notification that all material has been removed from the lined storage cell as of March 4, 1996. The Department appreciates the County's efforts to comply with the conditions of Consent Order #94-3559. The Department will continue to work with the County to expedite the permitting process and achieve the goals set forth in the Consent Order.

You are requested to submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,



Susan J. Pelz, E.I.  
Solid Waste Section  
Division of Waste Management

sjp

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.  
Leesburg, FL 34748

Jake Varn, Esq., Carlton, Fields, Ward, Emmanuel, Smith & Cutler, P.A.,  
PO Drawer 190, Tallahassee, FL 32302

Richard D. Garrity, Ph.D., Director of District Management,  
FDEP Southwest District

William Kutash, Waste Program Administrator, FDEP Tampa

16 Robert Butera, P.E., FDEP-Solid Waste, Tampa  
Steve Morgan, FDEP-Solid Waste, Tampa

# Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748



**RECEIVED**  
MAR 03 1995  
U.S. Environmental Protection  
Agency  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

TO Ms. Susan J. Pelz, E.I.  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Fl. 33619

DATE 2/10/95 JOB NO. 921100.003  
ATTENTION Ms. Pelz  
RE Pending Permit No. SC60-263199  
Composting Facility Expansion

## GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ under separate cover via \_\_\_\_\_ the following items:  
☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile  
☐ Copy of letter ☐ Change order ☐ \_\_\_\_\_

Copies	Date	No.	Description
3			FDEP RAI Composting Facility Expansion Pending Permit No. SC60-263199
3			Set of plans (sheets 1-5 of 5 and 6 of 13)

## THESE ARE TRANSMITTED as checked below:

- ☒ For approval ☐ Approved as submitted ☐ Approved for payment  
☐ For your use ☐ Approved as noted ☐ Resubmit \_\_\_\_\_ copies for approval  
☐ As requested ☐ Returned for corrections  
☐ For review and comment ☐ \_\_\_\_\_  
☐ Material and/or prints returned after loan to us

## REMARKS

COPY TO  
Garry Breeden  
Terry Hurst  
Jake Varn  
Richard Garrity

SIGNED: \_\_\_\_\_

Member of American Consulting Engineers Council

David W. Springstead



# Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748



Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

TO Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL. 33619

DATE 2/22/96 JOB NO. 921100.000  
ATTENTION Ms. Susan J. Pelz, E.I.  
RE Materials Recovery Facility Expansion  
RAI

## GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ under separate cover via \_\_\_\_\_ the following items:

- ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile  
☐ Copy of letter ☐ Change order ☐ \_\_\_\_\_

Copies	Date	No.	Description
5			RAI - Materials Recovery Facility Expansion

RECEIVED  
FEB 23 1996  
Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

## THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Approved for payment  
☐ For your use ☐ Approved as noted ☐ Resubmit \_\_\_\_\_ copies for approval  
☐ As requested ☐ Returned for corrections  
☐ For review and comment ☐ \_\_\_\_\_  
☐ Material and/or prints returned after loan to us

## REMARKS

(see Bound Reports)

## COPY TO

Garry Breeden-Sumter County  
Mitch Kessler-TIA Consultants  
John Matalovich-RRT  
Terry Hurst-Sumter County  
SEI-FILE

SIGNED: \_\_\_\_\_

David W. Springstead, P.E.

Member of American Consulting Engineers Council



**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

January 25, 1996

Ms. Susan Pelz  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**D.E.P.**  
**FEB - 8 1996**  
SOUTHWEST DISTRICT  
TAMPA

RE: Request for Extension of Time for Reply  
Sumter County Solid Waste Management Facility

Dear Ms. Pelz:

Springstead Engineering has received your request for additional information dated December 28, 1995 for the above referenced project. We are in the process of assembling the requested information at this time.

We request that an additional 30 days be provided to provide the Department with this information.

We hope that you accept this request at this time. Please notify our office if you have any questions or require additional information.

Very truly yours,  
Springstead Engineering, Inc.

David W. Springstead, P.E.  
Engineer  
Florida Registration No. 48229

xc: Garry Breeden  
Terry Hurst  
Mitch Kessler



**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

January 25, 1996

Ms. Susan Pelz  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Request for Extension of Time for Reply  
Sumter County Solid Waste Management Facility

Dear Ms. Pelz:

Springstead Engineering has received your request for additional information dated December 28, 1995 for the above referenced project. We are in the process of assembling the requested information at this time.

We request that an additional 30 days be provided to provide the Department with this information.

We hope that you accept this request at this time. Please notify our office if you have any questions or require additional information.

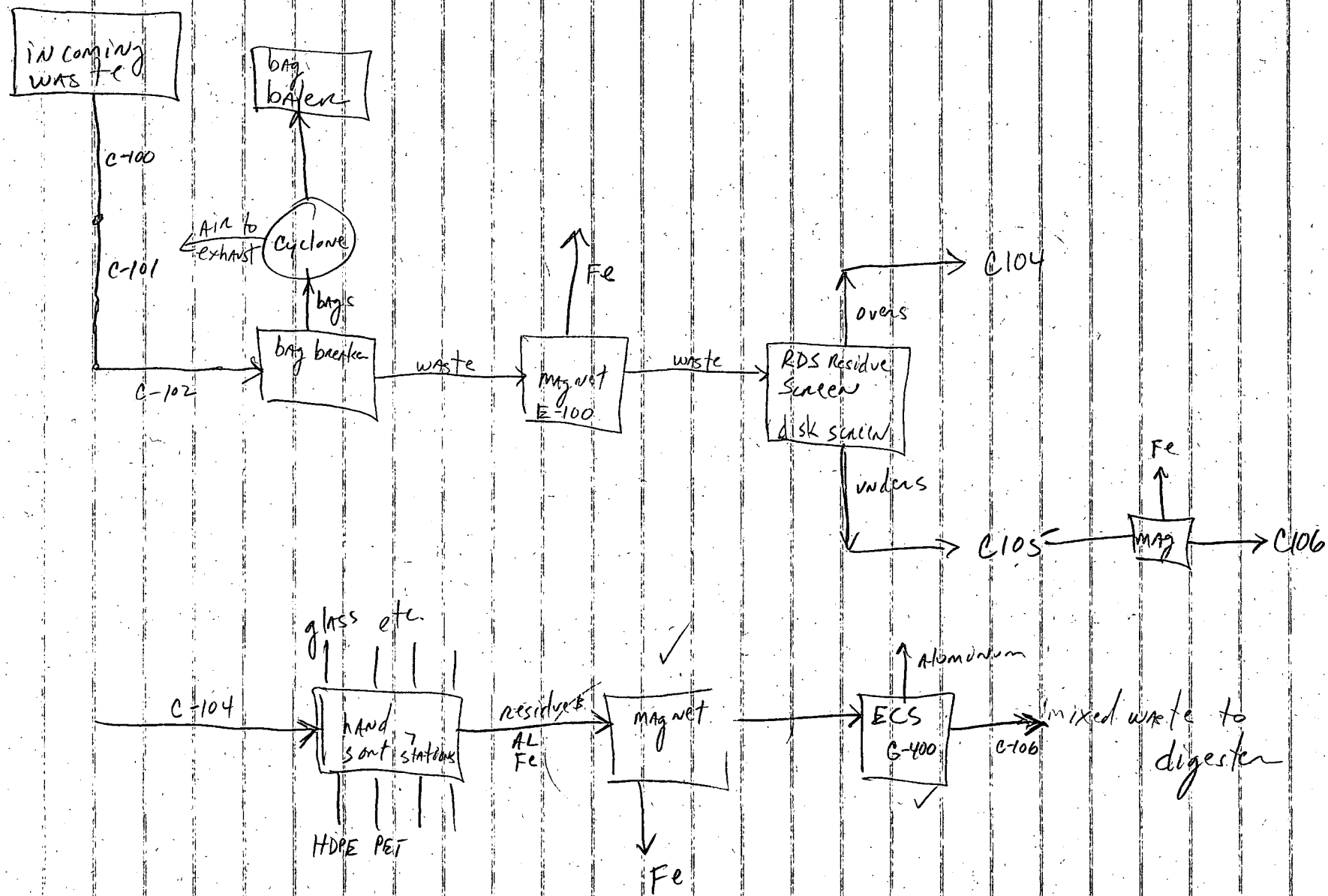
Very truly yours,  
Springstead Engineering, Inc.

David W. Springstead, P.E.  
Engineer  
Florida Registration No. 48229

cc: Garry Breeden  
Terry Hurst  
Mitch Kessler

Post-It® Fax Note 7671		Date 1-25	# of pages 1
To Susan Pelz	From David Springstead		
Co./Dept. DEP	On 2/2/96		
Phone # 813-744-6000	Phone # 787-1414		
Fax # 813-744-6084	Fax # 787-7221		

12/20/95



Sumter New WRF

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Mr. Garry Breeden, Director  
Sumter County Dept of Public  
Works

Street and No.

222 East McCullum Avenue

P.O. State and ZIP Code

Bushnell, FL 33513

Postage

5

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing  
to whom and Date DeliveredReturn Receipt showing to whom,  
Date, and Address of Delivery

TOTAL Postage and Fees

5

Postmark or Date

PS Form 3800, June 1985

## SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the  
following services (for an extra  
fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

## 3. Article Addressed to:

Mr. Garry Breeden, Director  
Sumter County Department of  
Public Works  
222 East McCullum Avenue  
Bushnell, FL 33513

## 4a. Article Number

P 079 946 352

## 4b. Service Type

- ☐ Registered ☐ Insured
- ☒ Certified ☐ COD
- ☐ Express Mail ☒ Return Receipt for Merchandise

## 7. Date of Delivery

1-2-96

## 5. Signature (Addressee)

8. Addressee's Address (Only if requested  
and fee is paid)

## 6. Signature (Agent)

Dennis W. Alley

UNITED STATES POSTAL SERVICE

Official Business

RECEIVED  
JAN - 4 1996  
Department of Environmental Protection  
SOUTHWEST DISTRICT



PENALTY FOR PRIVATE  
USE TO AVOID PAYMENT  
OF POSTAGE, \$300



Print your name, address and ZIP Code here

*Susan Rely*

State of Florida  
Department of Environmental Protection  
3804 Coconut Drive  
Tampa, Florida 33619-8318



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

CERTIFIED MAIL  
RETURN RECEIPT

Mr. Garry Breeden, Director  
Sumter County Department of Public Works  
222 East Mc Cullum Ave.  
Bushnell, FL 33513

December 28, 1995

RE: Composting Facility Expansion  
Pending Permit No. SC60-263199, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of the additional information submitted by Springstead Engineering, received December 11, 1995, supporting your permit application, dated December 16, 1994, submitted in compliance with paragraph 11 of Consent Order OGC Case #94-3559, to construct an expansion to the existing solid waste composting facility, referred to as the Sumter County Solid Waste Management Composting Facility.

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. 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 62-701, Florida Administrative Code (F.A.C.)]:

**GENERAL:**

- ✓ 1. It is the Department's understanding that the information submitted (received December 11, 1995) for the construction and operation of the new MRF is intended to replace the information previously submitted (December 16, 1994, February 10, 1995, and May 11, 1995) concerning the composting facility expansion. It is also understood that a separate permit modification request will be submitted at a later date. The permit modification request will include construction details and operational information on the expansion composting facility and the digester equipment. Please confirm if the County is in agreement with this understanding. Based on this understanding, the Department will defer the requests for information in the Department's January 13, 1995, March 14, 1995, and May 19, 1995 letters, at this time.

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*

**ENGINEER'S REPORT:**

2. The information submitted states, "Recyclables in the waste stream including metals, plastics, glass, used oil, tires, batteries, and other items are segregated...." (page 3) Please clarify if used oil, batteries and tires are received mixed in the waste stream and are removed, or are received as source-separated materials.

3. The information submitted states, "Material which travels across the screen will then pass over the primary sort conveyor where plastics, glass,... will be removed from the stream...." (page 5) Please clarify if these materials will be removed by mechanical means or by hand-sort (pickers).

4. Please provide procedures for start-up operation, normal operation and emergency shut down operations and safety information as soon as available. (page 5) If this information will not be available within 30 days, please provide an anticipated schedule for the submittal of this information.

5. The information submitted states, "The material remaining after the eddy current separator is rejoined with the material passing through the disk screen, which has also passed by a magnetic head pulley...." (page 5) Please clarify this material flow. The process flow shown on Sheet 7 does not appear to show the "rejoining" of these process streams.

6. The information submitted states, "A recently revised map of the area showing use and zoning... is presented in Appendix B." (page 5) It does not appear that Appendix B was provided. Please clarify if the drawings submitted constitute Appendix B.

7. The information submitted states, "The design capacity of the facility is... 100 tons in a 7-1/2 hour shift." (page 6) Please clarify if this is the material input to the facility, or the material output from the MRF which will be input to the digester/composting facility.

8. The information submitted states, "The geotechnical soil evaluation... has been previously submitted." (page 7) Please provide the title, date and revision number (if applicable) of the previously submitted geotechnical soils evaluation. Since the current submittal is intended to replace the previous submittals, the applicant may elect to resubmit the information in order to provide a comprehensive document.

9. Please provide additional information on the leachate collection system associated with the new MRF. (page 7) Please provide details on the size of the sumps, grates, elevations of the sumps and piping, and details on the 4-foot diameter wetwell (including elevations and pump details). Please clarify if the truck which will be used to transport leachate to the existing recirculation system is limited to leachate hauling exclusively, or is the truck used for other purposes.



10. The information submitted states, "The floor surfaces are sloped such that surface flow is directed to the leachate collection system." (page 8) Please specify the floor slopes of the plan sheets. Please clarify if the floors will be cleaned at the end of each working day, or at some other frequency.
11. The information submitted states, "The facility is regularly patrolled to minimize any litter which may escape the screens." (page 9) Please provide the minimum frequency for collection and removal of litter.
12. Please provide the permit numbers referenced in item #f. on page 9.
13. The information submitted states, "Processing equipment is presented on Sheet 7... with the details presented in Appendix A." (page 10) Please specify the minimum number of loaders and transfer trailers/trucks which are available for use in the operation. Please provide manufacturer specification sheets (cut-sheets) for the "residue disk screen". (page 12)
14. Please provide a Contingency Plan which provides procedures for waste handling in the event of equipment failure. Please estimate the maximum downtime for critical pieces of equipment. Will spare parts for the processing equipment be available on-site? As required by FAC 62-701.700(2)(g), please provide a plan for disposal of unmarketable recyclables, unauthorized wastes and residues. Please provide procedures for waste handling in the event of emergencies such as fires, explosions or natural disasters as required by FAC 62-701.700(3)(c).
15. The information submitted states, "Sumter County will not accept easily identifiable hazardous waste....Personnel are to read and become familiar with the Hazardous Waste Information for Sumter County Landfill." (page 10) Please provide examples of "easily identifiable" hazardous waste. Please provide a copy of the "Hazardous Waste Information for Sumter County Landfill".
16. Please provide a list of each piece of equipment in the process and the associated maximum and normal processing rate for each processed material.
17. Please provide the following information for each recyclable material, non-processable wastes, unauthorized wastes and residues: the maximum storage quantity, the maximum storage time, storage location, and storage method (i.e. bales, loose, in containers (tarped and untarped), inside/outside, etc.). Please provide a projection of the waste types and quantities expected in future years, as required by FAC 62-701.700(2)(a) and (d).
18. Please provide a description of the personnel required for the operation of the facility, as required by FAC 62-701.700(3)(a).

19. Please provide a plan that identifies the steps needed to close the facility, as required by FAC 62-701.700(3)(d).

20. Please provide cost estimates for closing the facility, pursuant to FAC 62-701.700(4). The cost estimates shall include the costs of loading, transportation and disposal of the materials. The closing costs shall be for a third-party performing the work, and shall be based on the maximum quantity of materials (processed, unprocessed, residuals, and unauthorized wastes) which may be stored or in-process at the facility at any time.

**DRAWINGS:**

21. Sheet 7.

- a. Please provide elevations for the floors, sumps, walkways, etc.
- b. Please provide details on the curbing described in the Engineer's Report, item #2.c(2), page 8.
- c. Please provide a north-south cross-section of the processing line, and an east-west cross-section of the infeed conveyor (C-100, C-101). Please provide a north-south cross-section of the "recyclables baler" processing line. Please include elevations on all cross-sectional views.
- d. Please identify the cyclone and bag breaker on the plan sheet.
- e. Please clarify the purpose of the bins located directly north of the bag breaker.
- f. Please clarify if the material which is transported on conveyor C-104 is the "overs" or "unders" from the "RDS Residue Screen". Please clarify if the "RDS Residue Screen" is the "residue disk screen" referenced in the Engineer's Report (pages 4 and 12).
- g. Please clarify if a magnet exists over the conveyor (C-104) adjacent to the southernmost FE bin (located just north of the eddy current separator).

22. Sheet 8.

- a. Please provide overall dimensions for the building shown on this sheet.
- b. Please provide the height of the partially open wall shown on the East Elevation. Please identify the circular structures shown to the south of the partially open wall on the East Elevation (exhaust fans?).

23. Sheet 10.

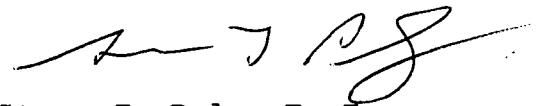
Please provide a north arrow on this sheet. Please identify (label) the location of a "Typical Push-Wall Foundation Detail" on the plan view. Please identify the structures located in the southern portion of the building.

"NOTICE! Pursuant to the provisions of Section 120.60, F.S. and Chapter 62-4.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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."

The Department appreciates the County's efforts to comply with the conditions of Consent Order #94-3559. The Department will continue to work with the County to expedite the permitting process and achieve the goals set forth in the Consent Order.

You are requested to submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,



Susan J. Pelz, E. I  
Solid Waste Section  
Division of Waste Management

sjp

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.  
Leesburg, FL 34748  
Jake Varn, Esq., Carlton, Fields, Ward, Emmanuel, Smith & Cutler, P.A.,  
PO Drawer 190, Tallahassee, FL 32302  
Richard D. Garrity, Ph.D., Director of District Management,  
FDEP Southwest District  
William Kutash, Waste Program Administrator, FDEP Tampa  
Robert Butera, P.E., FDEP-Solid Waste, Tampa  
Steve Morgan, FDEP-Solid Waste, Tampa



**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

SEE BOUND REPORT

727 South 14th Street  
Leesburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

December 8, 1995

Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**RECEIVED**  
DEC 11 1995  
Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

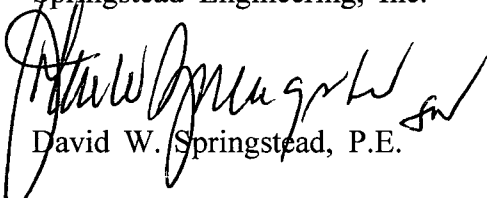
**RE: NEW MATERIALS RECOVER FACILITY  
SEI FILE NO.: 921100.000**

Gentlemen:

Please find enclosed four copies of a modification application and plans for the new materials recovery facility. The original application was submitted on December 16, 1994.

If you have any questions or require additional information, please contact me.

Very truly yours,  
Springstead Engineering, Inc.

  
David W. Springstead, P.E.  
JWS/jal

cc: Garry Breeden  
Mitch Kessler  
SEI

T \_\_\_\_\_  
I \_\_\_\_\_  
A \_\_\_\_\_ Solid Waste Management Consultants, Inc.

September 13, 1995

**RECEIVED**  
SEP 15 1995

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

Dr. Richard D. Garrity  
Director of District Management  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

Re: Sumter County, Florida

Dear Dr. Garrity:

On behalf of Sumter County, I would like to thank you and your staff for taking the time to discuss the progress and current status of the County's Solid Waste Composting, Processing, and Recycling Facility (SWCPRF) retrofit project on September 6, 1995. The District FDEP and the County clearly believe that good communication is essential to the success of this project.

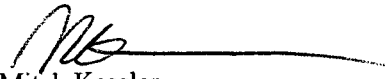
As discussed and agreed upon, the County will only submit a revised permit application for the recycling processing center at the SWCPRF at this time. Springstead Engineering, Inc. is currently preparing the revised permit application and will submit the revised application to the District upon completion. In addition, the County will prepare and submit a new permit application for the composting phases of the project at a later date. In the interim, the County will continue to meet all conditions of the Consent Agreement.

The County has invested significant time and effort in selecting recycling and composting technologies that will satisfy the County's overall solid waste and recycling objectives and those of the State. Based upon extensive research, the Sumter County Solid Waste Steering Committee strongly believes that the County is investing in a long-term, state-of-the-art facility.

Sumter County appreciates your time and the District's cooperation on this project. Should you have any questions, please do not hesitate to contact me.

Sincerely,

TIA Solid Waste Management Consultants, Inc.

  
Mitch Kessler  
Managing Director

MK/bsp  
cc: Robert Butera, P.E., FDEP Tampa, Solid Waste Section  
Garry Breeden, Sumter County Public Works  
David Springstead, Springstead Engineering, Inc.

10012 N. Dale Mabry Highway, Suite 223, Tampa, Florida 33618  
Telephone 813-264-7240 • Fax 813-265-8140

ST14:RG091195.LTR

 printed on recycled paper

9/6/95

teleconference 200pm

David Springstead, Mitch Kessler, Gary Brecken  
Rick Gannity, Bob Butera, Susan Pelz

- MAF info prior to digester info
- no problem but can't issue permit until we get info on digester
- want to get MRF first so they can <sup>get started</sup> building MRF
- will provide "conceptual" on composting part
- must address ① what you will do with the processed mat'l as part of MAF ② leachate management
- we can use existing application for MRF
- when do composting part need to submit new fee.

D.E.P.

JUL 24 1995

SOUTHWEST DISTRICT  
TAMPA

## Sumter County Public Works

222 East McCollum Avenue  
Bushnell, Florida 33513  
Phone (904) 793-0240

Garry Breeden  
Director

Tommy Hurst  
Assistant Director

July 21, 1995

Dr. Richard D. Garrity  
Director of District Management  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

Re: Sumter County July 14, 1995 Meeting

Dear Dr. Garrity:

Sumter County would like to thank the Florida Department of Environmental Protection (FDEP) Southwest District for meeting with the County on July 14, 1995. The County is pleased that the District agrees with the project changes as presented in the meeting.

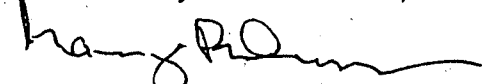
The County has invested significant time and effort in selecting recycling and composting technologies that will satisfy the County's overall solid waste and recycling objectives and those of the State. Based upon extensive research, the Sumter County Solid Waste Steering Committee strongly believes that the County is investing in a long-term, state-of-the-art facility.

As discussed, the County will continue to meet all conditions of the Consent Agreement. The County agrees with the District that modifications to the Consent Agreement are not required at this time. Springstead Engineering, Inc. is currently preparing permit submittal revisions as agreed upon and will submit the modifications to the District upon completion.

Should you have any questions, please do not hesitate to contact me. Once again, thank you for your time and cooperation.

Sincerely,

Sumter County Public Works



Garry Breeden  
Director

GB/bsp

cc: Robert Butera, P.E., FDEP Tampa, Solid Waste Section  
Sumter County Solid Waste Steering Committee

T \_\_\_\_\_  
I \_\_\_\_\_  
A \_\_\_\_\_ Solid Waste Management Consultants, Inc.

July 21, 1995

Mr. Robert Butera, P.E.  
Solid Waste Section  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

**Re:** Digester Compost Technology Information

Dear Mr. Butera:

On behalf of Sumter County, TIA Solid Waste Management Consultants, Inc. (TIA) would like to thank the Florida Department of Environmental Protection (FDEP) Southwest District for meeting with the County on July 14, 1995. The County is pleased that the District agrees with the project changes as presented in the meeting.

As discussed, Sevierville, Tennessee is the closest facility currently using a digester for MSW composting. Based upon the District's interest in digester composting technologies, TIA has enclosed literature and a video regarding the Sevierville, Tennessee facility for the District's review.

Sumter County and TIA are more than willing to provide any additional information to the District as deemed necessary. Should you have any questions or desire additional information, please do not hesitate to contact me. Once again, thank you for your time and cooperation.

Sincerely,

TIA Solid Waste Management Consultants, Inc.



Mitch Kessler  
Managing Director

MK/bsp

Enclosures

cc: Dr. Richard Garrity, FDEP Tampa, Southwest District (w/o enclosures)  
Garry Breeden, Sumter County (w/o enclosures)

JUL 24 1995  
D.E.P.  
TAMPA

10012 N. Dale Mabry Highway, Suite 223, Tampa, Florida 33618  
Telephone 813-264-7240 • Fax 813-265-8140

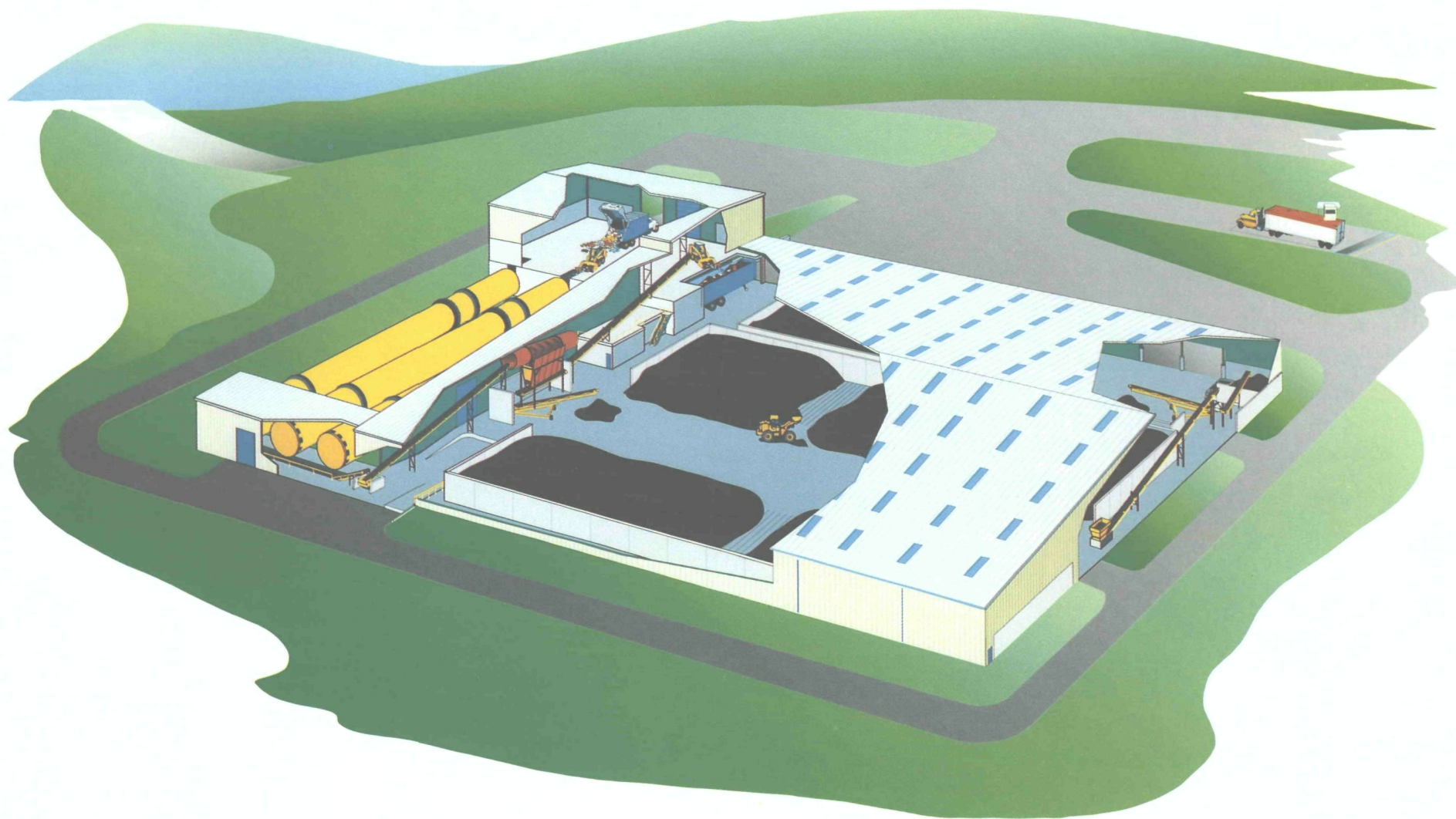
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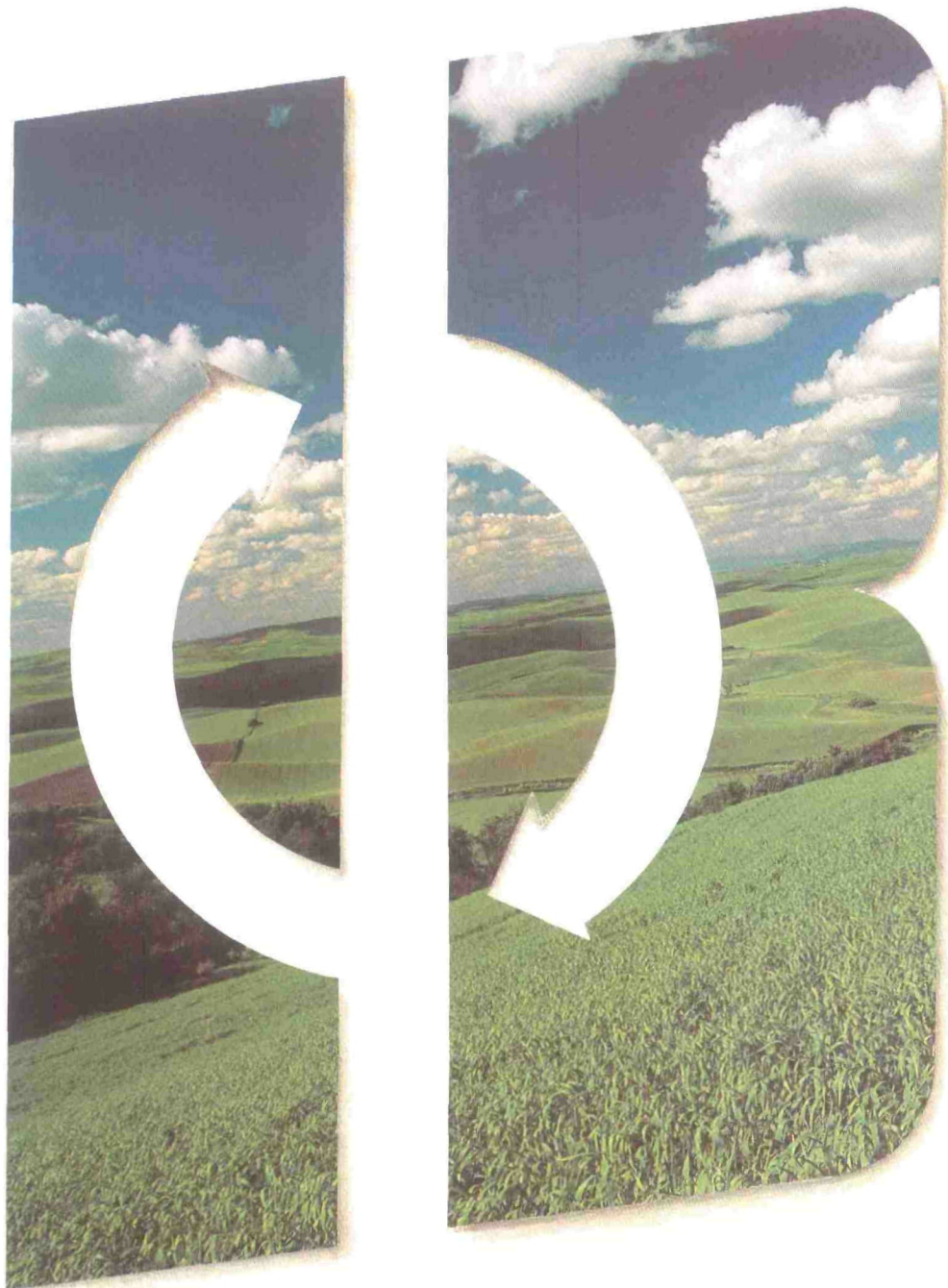


BEDMINSTER CO-COMPOSTING FACILITY IN SEVIER COUNTY, TENNESSEE





SCHEMATIC OF BEDMINSTER CO-COMPOSTING FACILITY IN SEVIER COUNTY, TENNESSEE



0790  
①



 **BEDMINSTER**<sup>®</sup>  
Bioconversion Corporation

The Natural Solution To Sludge & Solid Waste



# How A Typical Bedminster Co-composting Plant Operates

1



After weigh in, collection vehicles deposit MSW directly onto the tipping floor. Oversized and unacceptable items (i.e., mattresses, car batteries, hoses) are removed before the MSW is loaded into the digester along with sewage sludge.

2

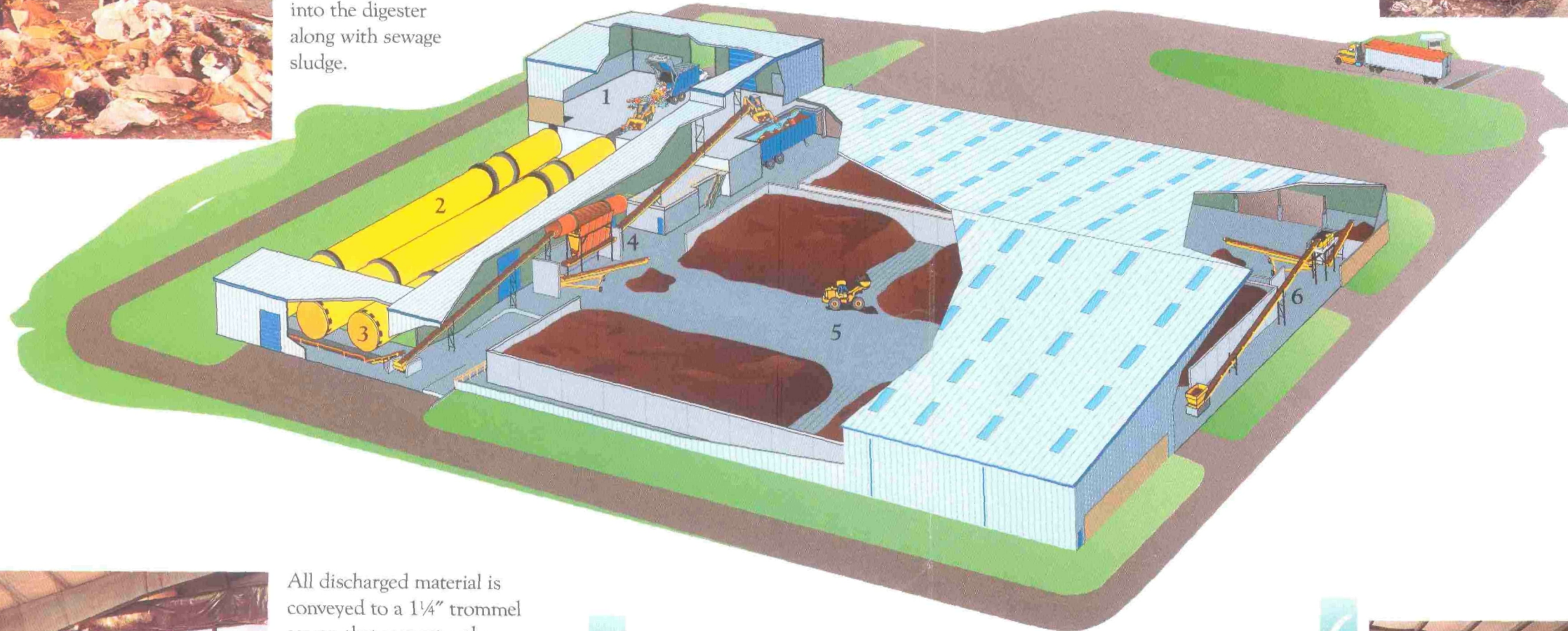


Material is processed through the three-compartmented Eweson® digesters in an aerobic environment. Natural microbial activity converts only the biodegradable organic waste into compost. Three days in the digester, one day in each compartment, produces a level of composting that takes weeks in other processes.

3



Rough compost is unloaded from the third compartment. Since no grinding or shredding is required in the process, non-biodegradable materials come through intact, as shown below, allowing them to be separated for further recycling or landfilling.



Samples of the screened-off residuals are shown here. Ferrous metals, aluminum, and plastic come through the process intact and can

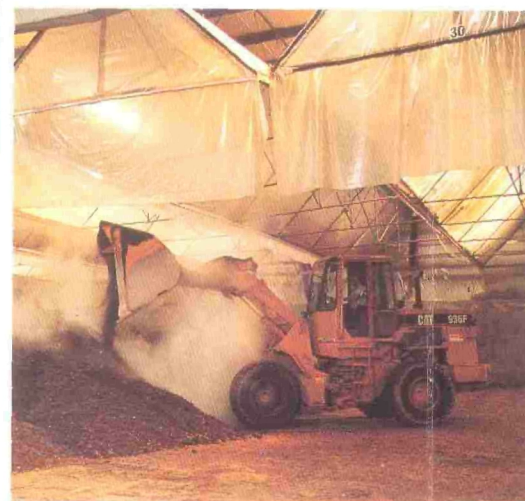
be removed for recycling or further processing. Batteries also come through intact for appropriate disposal. The balance of the residuals, now inert and sanitized, will not produce leachate, methane gas, or vector problems in landfills.

4



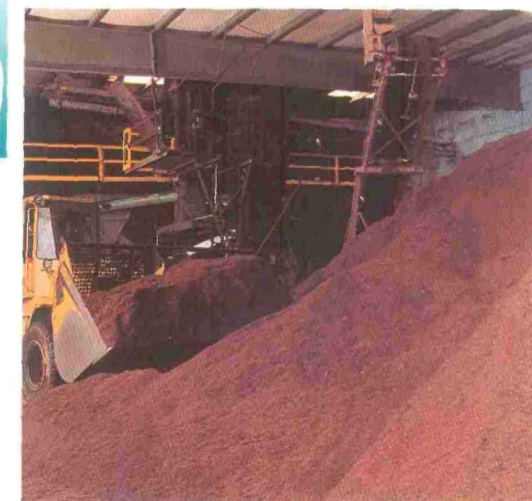
All discharged material is conveyed to a 1 1/4" trommel screen that separates the rough compost from the non-compostable materials. The rough compost is then deposited onto the aerated curing floor.

5



Over the next four to six weeks, the composting continues on the computer-controlled aeration floor, completing PFRP requirements. The piles are regularly turned and air is blown up through them to ensure aerobic conditions for optimum composting. Temperatures and moisture content are continually monitored to provide a high quality product.

6



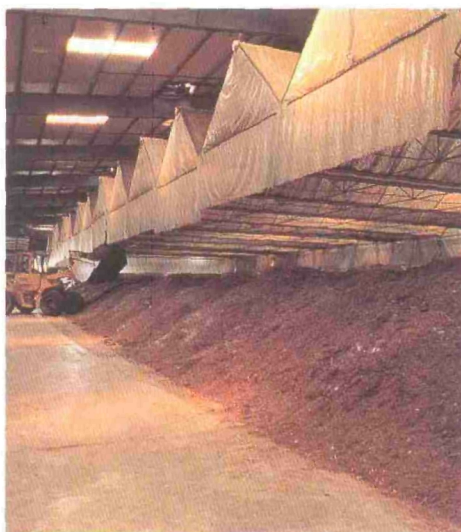
The compost is final screened for market. Any remaining non-biodegradables are separated out for disposal. A conveyor deposits the finished compost onto the storage floor for final curing until it is ready for market.



# Comprehensive Odor Control System

In the past, odors have proven to be a major deterrent to successful composting operations. Bedminster believes that the best way to control odors is to minimize odor generation and capture odors at their source. At a Bedminster facility, this begins with total process control. To accomplish this, 24-hour computer monitoring and control of temperature, aeration and moisture keeps the aerobic process operating at peak efficiency.

Bedminster's patented odor control system employs air hoods which are designed to collect concentrated process air from the curing floor, conveyors, trommel screen and discharge end of the digesters. Some of this air is recirculated back through the process while the balance is vented through soil biofilters to prevent the release of composting odors



*An integral component of Bedminster's comprehensive odor control system, the patented Condense-A-Hood™ (left) collects concentrated process air for treatment through the soil biofilters (right) before being released into the atmosphere.*



to the outside air. In keeping with the natural process, the biofilters contain no chemicals.

The result of this system is a totally enclosed building that allows all process air to be captured for treatment.

## High Quality Compost—Guaranteed



*After final screening and curing, the compost is loaded (left) for delivery to agricultural and horticultural markets where its beneficial results (right) are documented.*



The primary advantage of the Bedminster process is its ability to efficiently separate the compostable organics from the waste stream and produce an exceptional quality

compost. Backed by over five years of major university research at schools like Louisiana State University and the University of Florida, the benefits of Bedminster Organagro® compost

for agriculture and horticultural applications have been confirmed. Independent laboratory tests also verify that Organagro® compost is environmentally sound, meeting the EPA 503 regulations for "Exceptional Quality" classification to qualify it as an unrestricted commodity that can be freely marketed. Because of this, our compost helps communities meet state recycling and waste division mandates.

Bedminster is committed to producing compost that can be beneficially used in agricultural and horticultural applications. This commitment is supported by an aggressive compost marketing program to identify, develop and service the compost markets specific to each plant location.





*The most advanced co-composting facility in the U.S.: located in Sevier County, Tennessee, this Bedminster plant successfully converts 150 TPD of MSW and 75 TPD of sludge into Class 1 compost.*

**Bedminster  
now offers  
the best solution  
to sludge and  
solid waste  
disposal problems  
...naturally.**

There are no wastes in nature. Everything is recycled and reused. Nature's way of recycling is through organic composting to create humus, the primary nutrient of topsoil. Today, biodegradable organic materials make up more than 60% of the typical municipal solid waste (MSW) stream. Bedminster Bioconversion Corporation has developed a system that accelerates this natural process to convert organic wastes into high quality compost for beneficial use in agricultural and horticultural applications. Mounting federal and state recycling and waste diversion mandates, along with increasing costs of siting new landfills and disposing of sewage sludge, have made composting an economically, as well as environmentally, sound alternative for municipal waste management plans in virtually any size community.

The heart of the Bedminster system is the patented Eweson® digester, a compartmentalized rotary cylinder

that provides the ideal conditions for rapid microbial activity, accelerating the natural decomposition of all biodegradable materials into exceptional quality compost. The benefits of Bedminster's Organagro® compost have been verified by university research. With an operating facility in Big Sandy, Texas since 1972, Bedminster now has over 20 years of co-composting experience.

The Bedminster system is the leading American technology for composting both MSW and sewage sludge. The aerobic, in-vessel process and enclosed facility, equipped with a complete air treatment system, eliminate odor problems and prevent air, water or soil pollution. The typical Bedminster facility illustrated here is an actual plant successfully operating in Sevierville, Tennessee. It demonstrates Bedminster's ability to provide a natural solution to the municipal sludge and solid waste disposal problem today.





Take Advantage Of The Unique Benefits Offered By

# The Bedminster System:

- Natural process converting two regulated waste streams (MSW and sludge) into an unregulated commodity (compost) in the same facility at one capital cost.
- High quality, agriculturally and horticulturally sound compost.
- Over 20 years of successful co-composting experience.
- Over 10 years of compost marketing experience.
- Industry leader in comprehensive odor control systems.
- Allows communities to meet federal and state recycling and waste diversion mandates.
- Compatible with conventional recycling programs.
- Inert and sanitized residual eliminates landfill leachate, methane gas and vector problems.
- Modular technology provides flexibility to adapt to any size community and allows for incremental expansion.
- Exceeds EPA 503 compost standards for heavy metals and pathogen reduction to qualify as "Exceptional Quality" for unrestricted use.
- Ability to privately finance projects.
- Provide process and performance guarantees.
- No grinding or shredding of input waste materials allows recyclables and inerts to be separated to ensure highest quality compost.

**Put The Natural Solution To Solid Waste  
And Sludge Disposal To Work  
For You Today.**



12 Executive Campus, 535 Route 38, Suite 580  
Cherry Hill, New Jersey 08002  
(609) 662-2662 / FAX (609) 662-4095



## **BEDMINSTER CO-COMPOSTING PLANT IN SEVIER COUNTY, TENNESSEE**

### **BACKGROUND**

Over the past decade, the population in Sevier County, Tennessee, which includes the cities of Sevierville, Pigeon Forge and Gatlinburg, has grown at an accelerated rate of 20%. This, coupled with a growing economy that is based largely on tourism and tourism-related activities, has caused a 100% increase in municipal solid waste volume. With a 1990 population of approximately 51,000, Sevier County has a higher per capita waste tonnage than the national average. In order to properly service the current and future waste disposal requirements, an improved waste management program became a priority.

In 1988, the county formed Sevier Solid Waste, Inc. (SSWI), consisting of both elected and appointed officials, to study the situation and find an economically and environmentally sound solution to waste disposal that also met future recycling mandates. An additional objective of SSWI was to reduce the size and scope of the landfill operation. An extensive review of all available waste disposal alternatives was undertaken. Incineration was not considered since Sevier County is located in the Smoky Mountains and the National Park Service would likely object. Increasing costs and liabilities of siting a new landfill prompted SSWI to accelerate its search for a better long-term solution to their problem.

Mounting monetary and environmental constraints convinced SSWI that composting was the only viable option. An RFP was issued for solid waste composting. Subsequently, four companies were "short-listed". Upon final review, including site visitations, Bedminster Bioconversion Corporation (BBC) was selected. While not the lowest bidder, BBC was awarded this project based on almost 20 years of operating experience, 10 years of compost marketing experience and the ability of the system to co-compost sewage sludge with solid waste to produce a high quality compost product that could be readily marketed for horticultural and agricultural application. Solving two waste disposal problems with the same facility meant additional savings to Sevier County's taxpayers. Recycling goals were exceeded since Tennessee counts composting as a form of recycling.

The core of the Bedminster system is the patented Eweson® digester, an enclosed rotary vessel designed to accelerate the microbial action that decomposes all organic materials in the waste stream (without grinding) into humus, the basic ingredient of top soil. Located in a fully-enclosed facility equipped with an air treatment system, the process meets all SSWI's objectives since it creates no offensive odors and reduces the volume of waste to be landfilled by a 70-75%.



According to John deMoll, general manager of SSWI, "A big consideration in our choice was the fact that there's not a lot of machinery involved so maintenance is substantially lower." Being a resort area with many fast-food restaurants, the ability of the digesters to compost cooking grease was also a critical waste disposal issue.

Financed by a public building authority bond issue and constructed on a turnkey basis by BBC, the co-composting facility has three digesters that process 150 tons of MSW and up to 75 tons of sewage sludge per day. The facility is operated by BBC with locally hired employees. Approximately 70% of Sevier County's waste stream is converted into agriculturally and horticulturally beneficial compost. This compost is beneficially used by local farmers, landscapers, nursery operators and soil blenders. Some of the compost output is also used by the local municipalities and for university research.

Voluntary recycling of aluminum cans, HDPE, Pet and cardboard is supported by the county. This material is picked up from collection centers and processed by SSWI in a new recycling building constructed adjacent to the plant.

By combining co-composting with voluntary recycling, Sevier County will reduce its waste stream 80-85% by volume. The remaining inorganic portion of the waste stream, about 15% by volume, is inert and sanitized after being processed through the digesters. It poses no leachate, methane gas or vector problems in landfills, eliminating the potential of ground water and air contamination. Tennessee environmental officials indicate they will consider allowing residual disposal in a construction and demolition debris landfill which would result in further landfill cost savings.

The Sevier County facility allows for the disposal of two waste streams in an ecologically and environmentally sound manner and represents the finest co-composting plant in the world.

# Public Works

*City, County and State*

---

## Co-Composting Serves Tennessee County

**A**S municipalities struggle to make their way through increasing disposal costs created by the litigation- and regulation-strewn landscape of modern waste management, they might do well to consider the experience of Sevier Solid Waste, Inc. (SSWI), a county-wide public authority whose waste management solution serves as a model of cost-effectiveness and environmental soundness.

In Sevier County, Tennessee, located to the southeast of Knoxville in eastern Tennessee, the solution has been to co-compost both solid waste and sludge in a state-of-the-art facility, and sell the compost end product. Since the SSWI plant came on line in September 1992, the municipal waste stream in Sevier County has been cut by nearly 75 percent, far exceeding the current state

waste diversion mandate of 25 percent.

The county's year-round resident population now stands at about 51,000, though tourists, drawn by the attractions of Great Smokies National Park, swell that number significantly in the summer months. While the population density does not place Sevier County in the same category as its counterparts in northern New Jersey, it is enough to have caused concern about diminishing landfill resources and escalating tipping costs.

### ***The Search for Alternatives***

In 1990, when SSWI began considering an alternative to its system of wholesale landfilling, awareness of co-composting as a technology was very low, among both Sevier County municipal officials and the general

public. The same was true of Tennessee as a whole.

Municipal officials in Sevier County were keenly aware of the need for an alternative waste disposal method. SSWI had been formed two years earlier to deal with just this issue. The county's population had grown 23 percent from 1980 to 1990 while per-capita waste had grown 100 percent in the same period. The existing waste disposal resource—a ten-acre landfill—was expected to exhaust its capacity within a year.

Waste stream and population projections showed that replacing the landfill would require acquiring a new site of at least 100 acres. Moreover, that site would have to conform to the new Subtitle D federal landfill construction standards, involving considerable topology and hydrology analysis, design, and engineering—substantially



**CO-COMPOSTING**  
facility in Sevier County,  
Tennessee. The three  
digesters are in the  
foreground.

increasing both development and management costs.

"We expected our tipping costs would rise to \$30 a ton when everything was done," said John DeMoll, general manager of the Sevierville co-composting plant. "That would have been a 100 percent increase, with no slowing down on landfill consumption." Incineration would slow landfill construction, but was ruled out because of the experience of nearby Knoxville, where objections from the National Park Service, based on the city's proximity to the Great Smokies National Park, had effectively scuttled plans for an incineration plant. Sevier County actually contains part of the park, making the odds of overcoming similar objections virtually impossible.

When members of the SSWI board began investigating recycling as an alternative, board members ruled out curbside separation recycling as unreliable and ineffective. Composting then emerged as a preferred alternative, particularly after members of SSWI made a number of trips to composting facilities around the country.

In Sevier County, the nature of the solid waste stream imposed certain conditions on prospective composters. The growing local economy, with its large

tourism sector, produced wide fluctuations in waste stream volumes between summer and winter seasons. SSWI wanted the large amounts of restaurant waste grease produced by the county's many restaurants, at the time collected by a private carting service, included in a disposal solution. The SSWI issued an RFP for a solid-waste composting plant, and ended up with four short-listed companies. Bedminster Bioconversion Corporation, a Cherry Hill, New Jersey firm, was chosen on the basis of its operational experience and patented technology.

### ***Co-Composting: Nature's Own "Technology"***

The core of the Bedminster system is the Eweson® (pronounced AY-ve-sun) digester, an enclosed rotary vessel, as large as 16 1/2 ft across by 220 ft long, into which combinations of solid waste with sewage and septic sludge are introduced under perfect environmental conditions that support rapid microbial activity. The result is humus, the organic component of soil.

In an Eweson digester, where temperatures reach 160°F, the natural process of decomposition is accelerated dramatically.

After three days, nearly 70 percent of the municipal solid waste (MSW) and 100 percent of the sludge emerges as compost. The balance is nonbiodegradable material that can be screened off, and either further processed for recyclable materials or landfilled.

Even this "reject" material is inert and sanitized, a major issue for those with landfill leachate or methane gas concerns. Unlike some composting systems whose end product resembles shredded paper in consistency, the end product of this composting process looks and feels like dirt.

That the chosen system can process sludge was an added plus for SSWI, because sludge in Sevier County had also been landfilled. Sited on 2 1/2 acres, the 90,000-sq ft Sevierville plant uses three digesters, each with three compartments. The three digesters can process over 150 tpd of solid waste and at least 75 tpd of sludge. Unsorted solid waste arrives at the plant in packing trucks and is offloaded onto the tipping floor. There, oversized objects such as tires and rolls of carpet are pulled out of the mix before it is loaded onto the digester.

Sludge is then introduced to bring the moisture content up to 50 percent and the carbon:ni-

## **"A false perception exists that co-compost made with sludge and solid waste must invariably contain high concentrations of either pathogens or heavy metals such as cadmium and mercury."**

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trogen ratio up to 30 to 1. The Bedminster system can successfully process sludges with solids content of two percent or higher.

Each digester contains three compartments, corresponding to a different stage of the composting process. In each compartment, a small percentage of the previous digester's load is left inside to act as a bacterial catalyst, much as "starter" dough is used to raise sourdough bread. The microbial activity causes the temperature to exceed 131° to condition the material and begin the process of killing pathogens.

At the end of the first day, the contents of the first compartment are batchloaded into the second compartment, with a small portion left behind to catalyze the next load. At the end of the second day the process continues, and the material in the second compartment is transferred to the third compartment, again leaving an inoculum for the incoming load. At the end of the third day, the batch is unloaded from the end of the digester. What emerges is a mixture of finely digested organic material and undigested inorganic material. It falls from the digester onto a conveyor belt and is moved onto a 1 1/4-in. trommel screen. Glass and ceramics emerge from the process in a sandy consistency, analyzing out as silica in the final product. Heavy plastics, metal cans, and other non-biodegradable materials emerge intact and are separated by a trommel screen for further processing. Metal and plastic can be removed for recycling, and the balance of the residuals can be landfilled.

The composting process in Sevierville is free of odors. All the

composting takes place in a completely enclosed facility, equipped with an air treatment system that eliminates odor problems and creates no air, water, or soil pollution. Air from the plant is processed through 3-ft deep bio-filters where aerobic bacteria—working on the air-through layers of stone, gravel, compost, and bark topped with plants—remove any remaining odor.

The compost is aerated for six to eight weeks to complete the curing process. It is then final-screened to meet specifications for the agricultural, landscaping, or nursery market. The batch system allows independent control of each day's waste flow.

### ***Converting the Skeptics***

The technology itself is only one piece of the "right fit" equation. Whether the technology was in fact turn-key, and whether it required extensive maintenance and retraining the work force were questions that faced the SSWI board. The potentially sensitive subject of effective privatization of this previously public function was solved by reassigning SSWI workers into the new plant (under a Bedminster manager) and by public ownership of the plant.

A false perception exists that co-compost made with sludge and solid waste must invariably contain high concentrations of either pathogens or heavy metals such as cadmium and mercury. In Sevierville, Bedminster used the compost standards of Florida, since Tennessee is still formulating co-composting standards. When measured for organic nutrient value, inert matter, and foreign matter against

the three grades of Florida compost—agricultural, horticultural, and private home use (the finest)—SSWI's compost has registered only half the maximum parts-per-million permitted.

When SSWI solicited proposals for its plants, a major concern was the ability to find markets for the compost end product. In the case of the Sevierville plant, all the compost for the next year has already been sold to two soils dealers in Pigeon Forge and Knoxville.

The efficacy of Bedminster's plant design and the quality of the end product would be moot if they were not tailored to SSWI's cost considerations. SSWI financed the Sevierville plant through a \$9-million public bond issue. The issue covered not only the costs of acquiring the new landfill site and constructing the plant, but also erecting a new recycling building adjacent to the plant, and purchasing additional machinery such as a tub grinder for large pieces of wood.

During the building of the plant, Bedminster provided turn-key construction services. SSWI owns the plant, and has contracted with Bedminster to operate it for five years under an operating agreement with five-year renewal periods, which includes an annual operating and maintenance fee. SSWI and Bedminster share compost sales revenues.

With its new co-composting waste stream system in place, SSWI has projected its current disposal costs to be approximately \$30 per ton of total waste processed. In the meanwhile, landfill consumption in Sevier County has decreased from 4 1/2 acres a year to 1/2 acre a year.



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# Solid Waste TECHNOLOGIES

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RECYCLING • COMPOSTING •

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LANDFILL GAS-TO-ENERGY

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INDUSTRY SOURCEBOOK 1994

## Meeting the MSW Composting Challenge

*A co-composting facility in Tennessee is exceeding all expectations for MSW/sludge processing and for the quality of its product. It's also beating the odor problem that has afflicted other composting operations.*

By Ed Hiscock

John deMoll has had to become used to occasional cheering at public meetings concerning MSW disposal in Sevier County, Tennessee. And he's had to interrupt his work as general manager at a Sevierville composting facility to talk with countless visitors from other cities. He's even adjusted

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*Ed Hiscock is a freelance writer. His articles have appeared in many technical publications.*

to bus loads of schoolchildren touring the plant.

But he's not complaining. After operating for one year beginning in September 1992, the Sevier County facility that composts a mix of municipal solid waste and sewage sludge has many area officials and residents convinced that they've found an environmentally sound and cost-effective solution to their waste disposal problems.

Before 1992, all of the area's waste

went to landfill. In the first six months of 1993, deMoll says, almost 71 percent of the county's waste stream (including demolition material) was recycled. Most of it was converted into high-quality compost. When a planned aluminum/non-ferrous metals recovery system is added to the facility, the diversion due to recycling activities should hit 75 percent. The rate already far exceeds the state-mandated 25 percent recycling rate that municipali-

## Sevier County, Tennessee Solid Waste Co-Composting Facility

**Location:** Sevierville, Tenn.

**Owner:** Sevier Solid Waste, Inc.

**Operator:** Bedminster Bioconversion Corp., Cherry Hill, N.J.

**Startup:** September 1992

**Service Area:** 51,000 residents in Sevier County plus 8 million visitors per year

**Capital Cost:** \$6.5 million to county

**Capacity:** 225 TPD; 150 tons of MSW and 75 tons of sewage sludge

**Composting Units:** Three 75-ton capacity Eweson Digesters, 12 feet in diameter, 184 feet long

**Other Equipment:** Before aeration, Bedminster trommel, 40 feet long, 8 feet in diameter, screening holes about 1-inch; a Dings electromagnet for ferrous removal; and Kolberg conveyors. After curing, Bedminster sizing trommel, 40 feet long, 8 feet in diameter; Triple S/Dynamics Stoner, Model S-25; and Gerber cyclone, 15,000 cfm.

**Tipping Fee:** \$30 per ton to all haulers

ties must meet beginning next year.

This has been accomplished, deMoll and other county officials say, while controlling odors and heavy metal levels and eliminating toxins, pathogens, leachates, and landfill vector problems.

### Looking for Answers

Sevier County, in eastern Tennessee, had faced MSW problems in the 1980s. By the late 1980s, the county, including the cities of Sevierville, Pigeon Forge, and Gatlinburg, was using up its ten-year-old landfill at the rate of about four acres a year. By early 1990, the site was a year from exhaustion. However, new federal regulations made the problem's traditional solution—opening another landfill—particularly unappealing.

Additionally, the area's population grew 20 percent between 1980 and 1990, to 51,000. That kind of growth would be a problem for most counties.

But Sevier County, nestled among the Great Smoky Mountains, also plays host to about 8 million tourists a year. These visitors help lift the county's waste generation to about 62,000 tons per year (or, about 6.67 pounds per day per permanent resident). Developing a new waste management program that would comply with federal regulations yet grow with the county became a necessity.

### Selecting a Technology

In response to this need, elected and appointed officials of the county and the three area communities came together to form Sevier Solid Waste, Inc. (SSWI). The group's purpose was to study the area's waste disposal needs and find an economical and environmentally safe process that would dovetail with future recycling requirements. SSWI also wanted to reduce the size and scope of any new

landfill operations to head off future cost increases created by the regulations of the Resource Conservation and Recovery Act.

Only composting solutions met all the financial requirements, deMoll says. The basis of financial explorations was the county's landfill experience. The main question was: Will this cost more or less than another landfill?

An RFP was issued for solid waste composting and four companies responded: Bedminster Bioconversion Corporation, Fairfield Systems, Inc., the Seres Systems French OTVD (Omnium de Traitements et de Valorisation des Dechets) technology, and Trash Reduction Systems, Inc.

Sevier officials were intrigued with the European system offered by Bedminster Bioconversion Corporation of Cherry Hill, New Jersey. Bedminster holds the patent on the Eweson (pronounced "Av-e-son") digester, the core of its system. The tube-shaped digester is an enclosed, three-compartment rotary vessel that accelerates microbial action in waste material.

The system proposed for Sevier County was to be equipped with a complete air treatment package to eliminate odors. All plant and process air would be processed through a multi-layer biofilter before being released outside.

The system also featured the ability to co-compost MSW with sewage sludge. The county had always sent sludge to the landfill. After talking to area farmers and landscapers, county officials saw a potential for compost sales to offset some of the plant's cost.

SSWI members contacted officials of Pinetop-Lakeside, Ariz., which has a 15-ton per day Bedminster/Eweson system that began operation in 1991. The Pinetop-Lakeside facility was among the first in the U.S. where co-composting was used a primary means of sludge disposal. The system's simplicity was a selling point. "A big consideration," deMoll says, "was the fact that there's not a lot of machinery involved, so maintenance is substantially lower."

### Plant Design

Convinced that the Bedminster/Eweson system offered what the county needed, SSWI and Bedminster negotiated an operating plan that called for a



Aerial view of MSW and sewage sludge co-composting facility in Sevierville, Tennessee. The heart of the system, three 75-TPD digesters, are shown at the bottom of the photo.



totally-enclosed plant with three digesters processing 150 tons of unsorted MSW a day, along with 75 tons of sewage sludge (15- to 20-percent solids, by weight).

Three days of composting begins with MSW off-loaded on the tipping floor. Two workers on the tipping floor inspect every load to remove hazardous and oversize items before bags are fed into the digesters. Internal friction in the rotating digesters breaks open trash bags and tears up plastic bags and other rubbish.

The digesters require a 45- to 50-percent moisture content for processing. Adding sludge brings moisture content of the material mix up to 50 percent and the carbon:nitrogen ratio to a minimum of 35:1. Microbial action begins in the digesters, which are kept at about 131°F for pathogen reduction and optimum bacterial activity.

After a day, most of the material moves to a second compartment for further bacterial decomposition. Each compartment is about one-third of the length of the 184-foot digester, which rotates between 40 and 60 revolutions per hour. On the third day, material moves to the last compartment, where it is dried slightly.

The material then passes through a trommel that removes larger objects. The composition of the screened or reject material is approximately 40 percent plastics and 60 percent metals, by weight, with occasional large wooden objects. If these objects can't be recycled they are landfilled.

The resulting compost is formed into trapezoidal piles 6 to 8 feet deep for two to four weeks of curing. The curing compost is aerated through in-floor pipes. Hoods above the curing floor capture air and moisture and recirculate it through the system.

After curing, the finished compost is sized in a trommel, then put through a fluidized-bed stoner. The latter removes glass, stones, and other inert materials such as button batteries.

### Siting

To take care of the reject materials—about 25 to 35 percent of the inbound materials (wet weight)—SSWI purchased a 160-acre landfill site with 35 permitted acres. At the old landfill's use rate, deMoll says, the new site could be expected to last about ten years. However, with the new expected recycling reduction rate, in-

cluding the recycling of all paper waste, it could last 40 to 50 years.

As an added benefit, a smoothly working, properly tested composting system held the promise that the county's new Class I sanitary landfill could be reclassified to a demolition fill.

Most of the opposition to the plan came in regard to the new landfill's location, deMoll says. It wound up less than a half mile from the old site. Some concern was voiced about possible odor problems at the composting facility, but opposition was unfocused, and obtaining a state site permit was simple, says deMoll. "We filled out a state document and paid \$2,000—the same as we'd pay for a tub grinder."

### Beating Odor Problems

Larry Finn, the plant's designer, says they planned for "comprehensive

used with the collection hoods.

"We stressed odor control from the beginning," says deMoll. "That's why we enclosed the whole facility."

### Financing and Economics

The 225-TPD facility cost the county about \$6.5 million and was financed by a \$9 million, 20-year Public Building Authority bond issue, with each government pledging securities to the issue. The \$9 million included land acquisition for the compost facility, the new landfill, and equipment, according to Sevierville City Manager Russell Treadway, who is currently SSWI president. To help keep capital costs down, some of the equipment acquired for the composting plant was used. Two of the digesters, for instance, are remanufactured cement kilns and one is a remanufactured lime kiln. In addition, Bedminster invested heavily in

**Table 1: Comparison of MSW/Sludge Compost from Sevierville, Tennessee to U.S. EPA and Florida Compost Class I Regulations**

Parameter (mg/kg)	Sevierville Compost (April 93)	U.S. EPA 503 Standards	Florida Class I
Arsenic	2.0	41	
Cadmium	5.0	39	15
Chromium	26.0	1200	
Copper	83.0	1500	450
Lead	120.0	300	500
Mercury	1.1	17	
Molybdenum	< 10.0	18	
Nickel	30.0	420	50
Selenium	< 0.5	36	
Zinc	320.0	2800	900
Salmonella (MPN/g)	0.0	37.5	
Fecal Coliform (MPN/50g)	< 2.0	1000	

All results reported on a dry weight basis; listed 503 standards are for "high quality" or unrestricted use sludge compost (mg = milligram; kg = kilogram; MPN = most probable number)

air management" in order to control odors. The plant was designed to operate aerobically, and use a suction fan and collection hoods to capture process air. The plant also uses bio-filters, the most important element of the air management system. They are three-feet-deep layers of stone, gravel, compost, and bark. The process air is passed up through the layers of the filter, where aerobic bacteria kills residual odor-causing aerosols.

There were several odor complaints after startup, says Finn, but things were under control by winter. The county needed to have the plant open as quickly as possible, and operations started before all of the odor-control measures were in place. Any lingering complaints were addressed this summer by the addition of another biofilter

the Sevierville plant, since it represented a demonstration facility, testing their system on its largest scale to date. So, while the cost to the community was \$6.5 million, the actual cost was more.

Operating costs to the county and city governments are in direct proportion to the waste they contribute, Treadway says. "If Sevierville contributes 21 percent of the waste, it pays 21 percent of the bill."

That bill comes to about \$30 a ton, according to deMoll. This amount includes operating both the composting plant and the landfill, retirement of the bond issue, and payment for the landfill site. The plant's cardboard recycling program runs close to breaking even. Compost sales, which are in the development phase, could drop per-



ton costs by a couple of dollars per ton, de Moll speculates.

"The hardest part [of the project] was getting the county and the three cities to come and work together." State law makes it relatively easy to form inter-government agreements such as SSWI's non-profit public corporation, Treadway says, and the county was the logical government entity to oversee the project. The experience with the project has led to greater cooperation between the governments on other matters, Treadway says.

### **Assessing the First Year**

Assessments of the plant's first year are universally positive. With the exception of a snowstorm-caused power outage, plant operations have been uninterrupted.

"It's worked every bit as billed," says Treadway. "We're tickled with the reduction aspects of it, and we got a higher percentage of reduction than expected. The stuff in the landfill is as clean as we can possibly get the material."

With heavy summer tourism, officials also are tickled that the facility has more than met its contractual

requirement to process 150 tons per day. The facility has regularly received 200 to 250 tons per day, six days a week, and processed seven days a week. "It's a tax on men and equipment to operate seven days a week at 133 percent of design capacity," says Larry Finn, but the plant has been handling it. Officials already have begun talking about expansion.

Although the compost marketing program is in the early stages, there has been interest. The county used compost from the new plant for closing the old landfill. Offers of free compost to farmers, landscapers, and city governments have brought an encouraging response. Tests show the product has a 2:1:1 nitrogen-phosphorus-potassium ratio, sufficient to earn it classification as a mild fertilizer. Also, Table 1 shows Sevierville's compost is a "high quality" sludge product with no use restrictions under the EPA's new 503 rules for sludge.

The facility's first compost was available in January 1993. Some of the product was given away at first to generate interest. Some is now being used by a soil blender in Knoxville, Tennessee, and some is sold for \$10 per ton to bulk buyers.

County residents have responded well to the plant, deMoll says, particularly after they understood the "low-impact" nature of the recycling program. "There have been cheers at public meetings when it's explained that they don't have to separate trash," he notes. And students from all the fifth grade classes in the county have toured the plant, deMoll says, partly so they can go home and spread the word that a major consumer-oriented recycling program is unnecessary. The plant has hosted more than 3,500 visitors from other cities since it opened.

It's clear that Sevier County believes it is on recycling's cutting edge. Where it once used up land to dump trash, it now recycles waste in a way that creates agriculturally beneficial material. Russell Treadway sums it up. "We're so far ahead of the game now," he says, "it's almost unbelievable." □

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# **COCOMPOSTING IN TENNESSEE**

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# COCOMPOSTING IN TENNESSEE



**T**OURISM is the name of the game in Sevier County, Tennessee. The City of Gatlinburg is an entrance point into the Great Smoky Mountains National Park, the most heavily visited in the nation's park system. Country singer and actress Dolly Parton is a Sevier County native, who opened Dollywood, a major tourist attraction. Combined with these tourist magnets is a running strip of manufacturers' outlet stores, music clubs, restaurants and more. The net result — upwards of eight million tourists a year, who leave their garbage behind.

This burgeoning tourism and an overall growing population base, combined with a desire to change the management structure at the landfill, led to the formation in 1988 of Sevier Solid Waste, Inc. (SSWI), a public authority. At the time, the City of Gatlinburg was operating the landfill. "The city was tired of running the landfill, and there were several contracts that were about to expire," recalls John DeMoll, general manager of SSWI. "A breakfast meeting was held with the county executive, and the city managers from Gatlinburg, Pigeon Forge, and Sevierville, the three cities in the county. They talked about forming a regional waste management system, which eventually led to the authority."

In 1990, SSWI officially took over operation of the landfill from Gatlinburg and discovered that the site had less than one year of capacity. (As it turned out, an unused area was found and SSWI was able to get it permitted quickly and use the extension until the new landfill came on line in October, 1993.) The group evaluated its various al-

*Nestled into the foothills of the Great Smoky Mountains, this mixed waste/biosolids processing plant is learning how to become a good neighbor.*

Nora Goldstein

The composting facility is designed to process 150 tons/day of mixed MSW and 75 wet tons/day of biosolids. Inspectors on the tipping floor (right) try to remove hazardous materials such as batteries and paint cans, and oversized items.

ternatives, including a new landfill or an incinerator. Relying on only a landfill to service the growing region would have required a minimum of a 100 acre site. The chances of getting an incinerator approved appeared slim because of expected opposition from the National Park Service. Curbside recycling was rejected out of hand. Mixed waste composting, it appeared, was the most viable option.

"Composting seemed like the logical alternative," says DeMoll. "Our basic approach was to get the most out for the least amount of money to reduce the MSW going into the landfill. The cost of an incinerator was too high and with our proximity to the park, there was no prayer in getting one sited. With composting, it appeared, we would be getting 100 percent of the food waste, almost 100 percent of the paper, and we had the potential to capture metal and aluminum."

Furthermore, he points out, composting



would make a big difference on the life of a new landfill. "If we didn't have composting, the 35 acre landfill we ended up building would have a 10 year life. With composting, it's about 60 years."

A request for proposals for a composting system was issued in the fall of 1990. Bedminster Bioconversion Corporation (BBC) of Cherry Hill, New Jersey was selected to build a plant to process 150 tons/day of mixed municipal waste and 75 wet tons/day of biosolids. The cost of the composting plant was "a hair under \$6.5 million," says DeMoll. SSWI's plan also included the new landfill, a construction and demolition debris landfill, and a corrugated recycling facility.

All of the new facilities are located in Sevierville, within close proximity of the old landfill. Also in close proximity are neighbors, with the nearest resident about 600 feet from the entrance to the composting plant. During a public hearing, there was opposition to the siting of these facilities, particularly the new MSW landfill. "The main opposition came from someone whose land was condemned for the landfill," says DeMoll. "There was another person who lives about a half mile from the composting plant who expressed some concerns, but they primarily had to do with truck traffic. We addressed those issues by committing to improve the road and scheduling trucks into the plant and the landfill from 7:00 a.m. to 2:30 p.m. during the week, only in the morning on Saturday, and limit Sunday deliveries to between 7:00 a.m. and 10:00 a.m., before church begins."

A \$9 million bond was issued to cover the capital costs of the composting plant, a corrugated recycling facility, and the property for the landfills. Total land acquisition was about 155 acres, of which 35 were permitted for an MSW landfill (Class I); 10 acres were used for the composting facility. SSWI signed a five year contract with BBC to operate the composting plant, which has the Eweson™ digesters. The arrangement includes a 60-40 split on revenues from compost sales, with BBC receiving the greater amount. At this time, Bedminster retains the revenues from the sale of any recyclables recovered after upfront processing of the

mixed MSW (some ferrous has been sold).

SSWI also has a contract with Waste Management, Inc. to service six dropoff sites that collect plastic, aluminum, and newspaper. "Less than one percent of the waste stream is recycled this way at a cost of about \$30,000 a year to the county," says DeMoll. "It is essentially a public relations effort."

In general, he adds, SSWI rejected a more formal recycling program because of the heavy tourist population. "Over 75 percent of our waste stream is commercial versus residential. It is hard to get tourists to recycle. And curbside collection, even in the bigger towns with a year-round population of 5,000 to 6,000 people, is costly. Recycling isn't feasible from an economic or an energy standpoint."

Of the 75 percent commercial stream, roughly 25 percent is corrugated, according to SSWI. Food waste in the commercial stream is high during the summer months. About 10 to 12 percent of the stream is construction and demolition waste, which goes directly to the demolition landfill. "Out of the 60,000 tons of waste generated here per year, C&D debris is about 7,000 tons," says DeMoll. "That landfill has about five years of capacity." SSWI purchased an Olathe tub grinder to process wood waste coming into the site.

#### VARYING FLOW

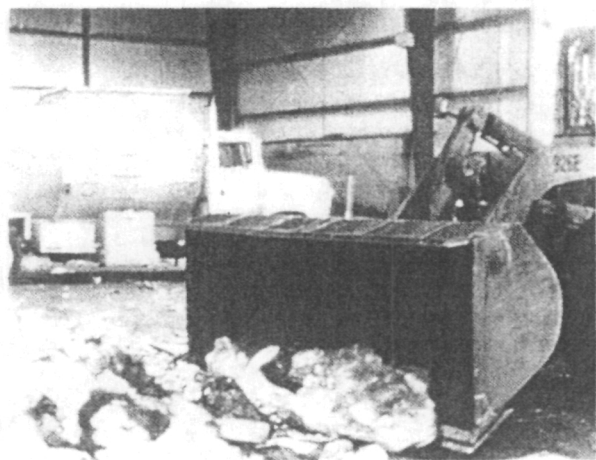
The annual waste flow in the county is 61,000 tons/year. "Between 1980 and 1990, the growth rate in the county was 23 percent," says DeMoll, "and the waste stream doubled from 25,000 tons/year to 50,000 tons/year. "In the past three years, the waste stream has been growing at about 10 to 15 percent a year, and now we are seeing a leveling off. If some of the tourist attractions under discussion do become a reality, however, we may see another period of increasing flow."

The tourism creates peaks and valleys in the monthly waste flow. The composting plant is designed to process 900 tons/week of mixed MSW. In 1993, during the height of the summer tourist season (about a six week period in July and early August), the average flow was between 1,200 and 1,250 tons/week. By mid-August, it decreased to 1,000 tons/week and stayed that way through September. In October, the flow went back up to 1,100 tons/week as the fall foliage "day viewers" came through. Then during the winter — about a 10 week period from January to March — the flow drops to about 800 tons/week.

The composting plant began accepting waste in September, 1992. The operator was able to address the peak flow during the summer of 1993 primarily by maximizing the capacity available in the digesters and the aeration floor. "When we are running 30 percent over capacity, like we were during the peak in the summer, we remove more of the inerts on the tipping floor to reserve capacity in the digester for the organics," says Ken Aiani, BBC's director of facility opera-



The digesters rotate at 20 to 60 revolutions/hour. Material moves through the three compartments over a three day period.



In the first six months of 1993, the facility had a recycling/reduction rate of 70.8 percent, which includes demolition going in the C&D landfill and the biosolids.





Four biofilters treat air from various parts of the composting plant. Total biofilter fan capacity is 75,000 cubic feet/minute.

Compost is typically kept in the storage area for at least one month prior to distribution.

tions. "For example, we will pull out five gallon buckets, whereas in the winter, we may leave those in. They get dealt with on the back end. These things will end up in the landfill whether they come out upfront or after the primary trommel."

#### THE FRONT END VIEW

Incoming trucks weigh in at the scale house, which services all of the solid waste facilities and is manned by a SSWI employee. (The new landfill is adjacent to the composting plant.) The tip fee is \$30/ton. Trucks designated for the composting plant unload onto the tipping floor. Inspectors try to remove hazardous materials, such as batteries and paint cans. (There are some dropoff sites for waste oil in the county that a private company maintains.) Oversized items, such as lawn furniture and bikes, also get picked out. The remaining material is pushed into hydraulic ram pits with a front end loader. The rams feed the mixed waste, much of it in plastic bags, into three Eweson™ digesters (each 185' long by 12' in diameter), where the material remains for three days. A 30,000 gallon aerated storage tank under the tipping floor contains liquid sludge, septage, grease trap waste, and all wastewater from the plant itself. Liquid is pumped into the first compartment of the digester to achieve a 55 percent moisture content. The liquid feed can either be computer controlled or determined by the operator on the tip floor.

"The operator can override the computer based on the moisture reading from the digester," says Aiani. "For example, if an incoming load of MSW appears to be higher in paper content, the moisture feed can be adjusted upwards. If it's higher in food waste, it can be adjusted downward."

About 40 wet tons/day of biosolids are received (either liquid or dewatered) from four wastewater treatment plants in the county. While there is a sludge storage building adjacent to the receiving area, dewatered biosolids at 18 to 20 percent solids typically are unloaded directly onto the tipping floor. Oversized compost from the final screen (a total of about 25 tons/day on a design basis) is mixed with the biosolids then added into the digester (in roughly a 3:1 volume ratio of raw MSW to sludge and finished compost). Liquid from the storage tank can be added to achieve the 55 percent moisture content.

The MSW is not shredded prior to being loaded into the digesters. Facility engineers rely on the rotation of the digester and the weight of the materials as they fall on themselves to open the plastic bags and gradually reduce the particle size. The digesters rotate at 20 to 60 revolutions per hour. Material moves through the three compartments inside the digesters over a three day period. Temperatures average 120°F in the first compartment, 140°F in the second, and 130°F in the third.

Blowers send warm air from the rear compartment of the digester to the front end, helping to heat the incoming material. The digesters are insulated, but heat does escape through the outer shell. "The air that we put through the digester is primarily for oxygen as opposed to temperature control, because of the heat that dissipates through the shell," says Aiani. "We operate close to the oxygen demand side versus putting air through for cooling. The more we can reduce the amount of air required for the composting process itself, the more we can minimize the air we need to treat for odor control."

A small biofilter (30' x 160') handles the air from the three digesters plus the liquid storage tank. A fan at the front end of the digesters pushes air captured in hoods installed over the openings of the digesters to the biofilter. The plenums are checked daily and any blockage, e.g. pieces of paper over the holes, are removed.

#### A MECHANICAL SORT

After the three day retention period, material at the back end of the digesters is unloaded onto a conveyor which runs to the primary trommel. The flow as it came out of the digesters showed no visible paper and food, but greater amounts of film plastics and textiles, e.g. towels, sheets, and bedspreads from motels, as well as miscellaneous items such as a telephone receiver, shoes, crushed deodorant cans, etc. Hoods — an air collection plenum with sheets of plastic on the sides — hang over the area where the digesters are unloaded as well as over the conveyor as it makes its way to the rotary trom-

mel screen. That air is passed through a different biofilter on the east side of the building.

The trommel, located at the south end of the compost aeration building, is equipped with a 1-1/4 inch screen. Screened material is moved via front end loader and formed into piles over aeration trenches built into the floor of the building. Oversized items are conveyed back to a corner of the tipping floor, where they pass under a belt magnet to recover ferrous metals. Residuals are loaded into a trailer parked under the tipping floor.

The reject rate after the primary trommel screen is roughly 30 percent. (There is about a two percent reject rate at the final screen.) Overall, out of the 225 tons/day of total waste loaded into the digesters (design capacity), 40 to 45 tons of residuals are taken to the landfill, says Aiani. The bulk is removed by the primary trommel.

Recovered ferrous was being purchased by a scrap dealer. As it turned out, the dealer was mixing the ferrous with automotive scraps and receiving the market price for the latter. When that was discovered, the scrap dealer lost his market and stopped purchasing the ferrous from the Sevierville plant. Currently, Bedminster is talking with various brokers that are interested in purchasing the ferrous.

BBC plans to purchase an eddy current separator to recover aluminum from the residual stream. It would be installed next to the ferrous magnet. "A preliminary study shows that aluminum accounts for one percent of the residuals," adds Aiani. "But another three percent comes from the organic matter attached to the aluminum. So by weight, we project we will be getting four percent more out of the residuals stream, giving us a total recovery rate of approximately 75 percent. The local Alcoa plant looked at an aluminum sample and said it would buy the material at a five to 10 percent discount over clean aluminum scrap."

### THE COMPOSTING PHASE

Because of the angle and rotation of the trommel, the particle size of the screened material is closer to one inch. Bedminster has found that size to be optimum. "Anything below one inch, and we would have problems with porosity and compaction," says Aiani. "On the other hand, we could go to a larger particle size, but that would require more space on the curing floor since more inerts would be retained."

The key for BBC is to maximize the recovery of organic matter from the primary screen. "We are getting better than 95 percent recovery with the 1-1/4 inch screen," he adds, "so there is no advantage, for example, to go to a two inch screen. And at that size, we believe we wouldn't be getting that much more organic matter. If there were an issue of needing more porosity in the piles, then we could go to a larger size."

Because of the degradation that takes place in the digester, Bedminster states that



Rejects from the primary trommel include ferrous, aluminum, and items such as batteries and plastic diaper liners.

"If we didn't have the composting facility, the 35 acre landfill we built would have a 10 year life span. With composting, it's about 60 years."

The hoods over piles on the aeration floor are part of a system for air recirculation and odor control. They are designed to collect concentrated process control air, instead of it being released into the building.



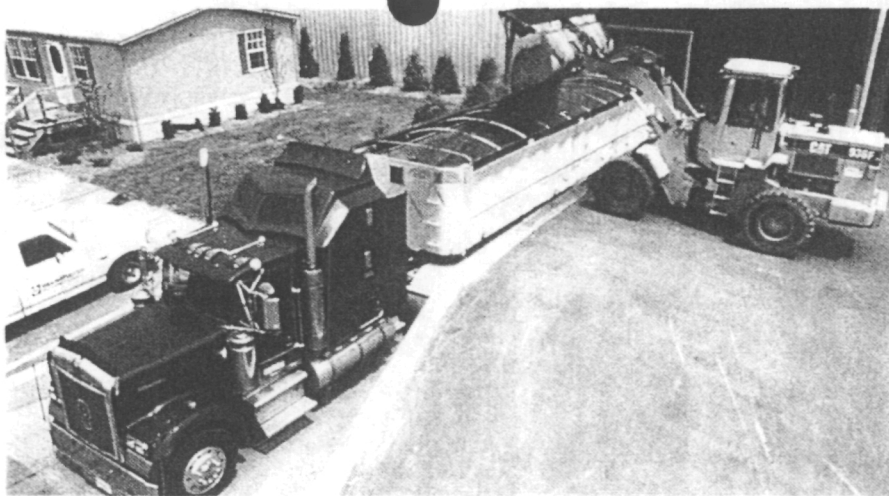
needs some of the inerts to help maintain porosity. "Initially, they act as a bulking agent — like wood chips in sludge," says Aiani. "I'd estimate that inerts amount to about 15 percent of the material in a pile."

The aeration building is configured so that there are 16 aerated "bays" on one side and 17 on the other. All operate independently of one another, even though the piles appear to be continuous. Each has its own set of temperature probes and fans. Material stays on the floor for 42 days. Piles are turned every two to three days with a front end loader. BBC plans to put in an automated windrow turner to reduce labor costs and improve operating efficiencies.

The piles are aerated in a positive mode. Each of the bays is equipped with BBC's patented Condens-a-hood, a system for air recirculation and odor control. The hoods are designed to collect concentrated process control air — instead of having it released directly into the building, requiring treatment of a much greater volume of air. "The process air is treated at a higher air exchange rate, reducing the number of air changes necessary in the building itself by 50 to 75 percent," says Aiani.

The hoods hang from the ceiling of the building in the shape of a tent. A ridge pole — the air collection pipe — is at the top. Plastic, like the kind used in greenhouses, hangs above the top of the pile. Air is blown up through the piles, captured by the pipe at the top, and then routed down the backside of the aeration building wall where the pipe splits off, with some of the air going to a biofilter and the rest recirculated back into the pile. A fan at the biofilter helps to pull the air through as well. Overall, the volume of air being pulled into the hood is greater than what is being put through the pile, helping to prevent process air from getting into the building and conversely, pulling fresh ambient air into the hood.

The individual fans on each pile are 2,000 cfm. The total biofilter fan capacity is 75,000 cfm. While the blowers on the piles do turn on and off, the booster fan at the biofilter still pulls air from the hoods, maintaining an overall negative pressure in the building. In



the initial phases, when the material has just come out of the digester and the air requirements are greater, there is about a 50-50 split between the air that is recirculated and that which goes to the biofilter. As the piles mature, less air is recirculated and more goes directly to the biofilter for treatment.

### COILS FOR COOLING

One drawback during the summer months with the recirculation — versus using only ambient air — is that Bedminster found they were dealing with a warmer air flow to the piles. "The net effect is that more air is required to reduce temperatures than if ambient air were being used without recirculation," explains Aiani. "In other words, we are using a warmer, moist air to cool a pile down. During the winter, that preheating is a significant advantage."

The company decided to try a cooling coil to reduce the temperature of the air going into the pile. The experiment found a 20 to 25 degree difference by running the air over the coil, says Aiani. As a result, BBC installed two cooling towers and is putting coils on the blowers going into each pile. "The air passes over the coils and the heat is being removed by the water," he adds. "The warm water goes back to the cooling tower. It's an efficient way to remove heat and not have to treat the air. The bottomline is that oxygen is still being provided to the piles, but less air is needed to control temperatures."

Aiani says that the amount of air going to the biofilter will not be reduced, at least initially, but that the loading of odor units within the air will be significantly less. "The amount of air we will pull off is the same, so what we are sending to the biofilter is more diluted. The efficiency of the biofilter is increased by reducing the loading. Eventually, we may be able to reduce the capacity of the biofilter and then reduce our costs. It also may be possible to reduce or possibly eliminate the need to treat the building air."

### ODOR CONTROL EVOLUTION

The original \$6.5 million package that SSWI procured relied primarily on dilution

**The compost is being given away at the plant for beneficial use while the operator develops its markets. Starting in January, 1994, material will sell for about \$10/ton.**

"The more we can reduce the amount of air for the composting process itself, the more we can minimize the air we need to treat for odor control."

**Some local farmers have applied the finished compost on their farm fields. In the first eight months of 1993, over half of the compost distributed has been used in agriculture.**

to control odors. The aeration building had vents on the side to allow air to flow in and then go out through a roof ventilator. The product storage building had an outside wall, but was open into the aeration building. No biofilters were included in the original package.

With the closure of several other MSW composting plants in 1991 due to odors, Bedminster decided to invest its own money into a more substantial odor control system. The company put in the hoods and three biofilters — one adjacent to the tipping floor (to handle air from the liquid storage tank and the digesters); one along the east side of the building to handle the process air from the east side of the aeration floor, the conveyors and the area by the primary trommel; and a third on the north side to handle process air from the other half of the aeration floor. The biofilters are made from bark mulch, sand and compost. In addition, it was decided — primarily because of the use of biofilters and maximizing the capture of air — that the aeration building should be totally enclosed and that a wall was needed between the product storage area and the aeration floor.

These biofilters weren't in operation and construction of the facility wasn't quite complete — including the hoods — when SSWI needed to begin making deliveries of MSW. "A delay in opening both the C&D landfill and the new site led a neighbor who lives adjacent to the old landfill to start putting some pressure on us," says DeMoll. "We wanted to alleviate some of the truck traffic, so began taking about 50 tons/day of MSW to the composting facility."

Construction was completed concurrent with the operation. During that period, some odor complaints were received, particularly in the morning. The biofilters were not operational at that time. "We had some cool nights and with the positive aeration and steam from the piles, air was escaping without much dilution," says DeMoll. "In the morning fog, it would get concentrated, causing some complaints."

Once construction was substantially completed in November, 1992, the plant was handling about 100 tons/day. BBC operated the facility under negative pressure at night,



Photo by Bob Spenser



running that air through the filters. "That seemed to take care of the odors," he adds.

Even with the improvements, SSWI did receive occasional odor complaints. "In addition to the house almost directly across the street, there are five or six houses within a quarter mile from the plant and about 20 within a half mile radius," says DeMoll. "Of those, there are about three neighbors who complain. We have a 24 hour hot-line that people can call and make their complaints. When possible, we go to investigate. In general, the phone line gives people a place to vent their dissatisfaction and in some cases, it alerts us to something in the operation, e.g. that a fan was left on when it shouldn't have been or that the timing sequence set up on the computer isn't right — things that are easy to fix."

Despite the small number of complaints, Bedminster installed a fourth biofilter to handle air from the aeration building itself. "We needed to do tertiary treatment of fugitive emissions," says Larry Finn, BBC's chief engineer. "The tents are doing a good job but we still have leakage into the building. We need to treat that to prevent process air from escaping from the building without filtration."

A plenum attached to the ceiling of the building pulls air out to the biofilter. Because the building air is dry, a mister was installed near the opening of the plenum to humidify the air before it goes to the biofilter. This treatment system makes it feasible for operators to aerate in a positive mode at night as well as during the day. DeMoll reports that since the fourth biofilter came on line in August, there have not been any complaints. "In fact, we've actually had a compliment," he says.

## PRODUCT FINISHING

Initially, Bedminster installed a deck screen to process the finished compost because it was less expensive than a trommel. The screen didn't perform well either mechanically or from a throughput standpoint, notes Aiani. Problems with the screen slowed down product marketing, as well as reduced available capacity on the aeration floor. "We decided to go with the same kind of trommel we have in the primary screening area, one that our company designed."

There are three different screen sizes in the trommel (3/16", 1/4", and 3/8"), separating out the finished material based on particle size (and building in the capability to produce various grades). The 1/4" and 3/8" size material are run separately through a Triple Stoner, a fluidized bed separator. "By keeping the particle sizes relatively even, we are getting more efficient separation of the organic matter from the inerts," says Aiani. "If we had small pieces of glass and larger pieces of compost, the air would suspend the glass and the compost would be conveyed out as reject. If we turned down the air so as not to suspend the glass, then we would lose more of the compost. Keeping everything the

**Table 1. Compost Quality Analysis**

Parameter	U.S. EPA 503 Rule "High Quality" Class I	Florida Class I Compost Limits	Bedminster Sevier, TN August '93	% Allowable Concentrations For EPA "High Quality"
Arsenic (mg/kg)	41	--	2.4	5.85
Cadmium (mg/kg)	39	15	<5.2	<13.33
Chromium (mg/kg)	1,200	--	31.6	2.63
Copper (mg/kg)	1,500	450	175.0	11.67
Lead (mg/kg)	300	500	185.0	61.67
Mercury (mg/kg)	17	--	0.8	4.71
Molybdenum (mg/kg)	18	--	<16.0	<88.89
Nickel (mg/kg)	420	50	35.0	8.33
Selenium (mg/kg)	36	--	<0.8	<2.22
Zinc (mg/kg)	2,800	900	464.0	16.57
Fecal coliform (MPN/g)	1,000	--	<1.0	<0.10
Salmonella (MPN/50g)	37.5	--	0.0	0.00

Notes: All results reported on a dry weight basis < = Less than, i.e. Below detection limit  
MPN = Most Probable Number Source: Bedminster of Tennessee, Inc.

The annual operating budget for the composting plant, not including debt service, currently is over \$900,000.

same size avoids that situation."

Product refinement pulls out glass, stones, button batteries and sharps. The fraction between 3/8" and 3/4" is recycled back to the front end of the system and mixed with the biosolids prior to being loaded into the digester. Anything over 3/4" is landfilled. Currently, the three sizes of finished compost are mixed together after screening and destoning, although some of the finest grade has been shipped to numerous golf courses for a research project. Compost is typically kept in the storage area for at least one month prior to distribution.

Because the Tennessee Department of Health and Environment did not have solid waste composting regulations, SSWI used Florida's solid waste composting rule to regulate the Sevierville facility. The finished product is meeting a Florida Class 1 material (see Table 1).

Residents within a half mile of the plant can receive compost for free. Bedminster has been working with a number of end users in the Knoxville area (Knoxville is about 35 miles from the plant), including a topsoil blender and several nurseries. In addition, a few local farmers have applied the compost on their farm fields. SSWI will be using the compost to close out the old landfill, and the county is taking some for roadway improvement. Sevierville also plans to use some on its ball fields.

The compost is being given away (F.O.B. the plant) for beneficial use while Bedminster develops its markets. The promotion will go through December, 1993. Starting in January, 1994, the material will be sold at about \$10/ton, says Rebecca Roe, Bedminster's Compost Marketing Coordinator. In total, from January through August, 1993, close to 19,600 tons of marketable compost (screened 3/8") have been produced, she adds. From that, 17,230 tons of compost have been distributed for beneficial use. The bulk — 51 percent — has gone to agricul-



ture; 28 percent is being used for final cover and 19 percent for landscaping. More details on the marketing program will be provided in an upcoming article.

#### **COSTS AND COMMITMENT**

In the first six months of 1993, SSWI had a recycling/reduction rate of 70.8 percent, says DeMoll, which includes the demolition going into the C&D landfill and the biosolids. If aluminum were being recovered, that number could jump to about 75 percent, he adds. Recently, SSWI spoke with a company in Elizabethton, Tennessee that is installing a burn unit. "There is a possibility that we could ship them bales of plastic at a cost to us of about \$20/ton. They would not charge us a tipping fee. The company is talking about pulling PET and HDPE from the bales, and burning the rest. If that actually happens, we would end up putting practically nothing into our Class I landfill, which just opened in October. Oversized items would go to the demolition landfill."

The corrugated recycling facility, which SSWI operates, has been recovering about 10 tons/week. The authority is receiving about \$32/ton.

The original annual operating budget for the composting plant was \$714,000 (not including debt service), based on a 5-1/2 day operating schedule and 900 tons/week. However, because of the requirements to operate seven days a week and receive greater tonnages of MSW, the annual operating budget

currently is above \$900,000. BBC employs 13 people; SSWI's employees operate the rest of the facilities. The \$30/ton tip fee is based on total solid waste management costs (\$1.8 million) divided by the total annual waste flow. The three cities and the county pay according to the amounts they bring over the scales. The county accounts for about 31 percent, and Pigeon Forge about 24 percent; Gatlinburg and Sevierville each bring in a little over 22 percent. About \$50,000 in revenues come from a few small haulers, the National Park Service, and others that utilize the solid waste management facilities.

BBC receives a flat fee to operate the composting plant. There is not a put or pay contract for the MSW, due in part to the seasonal flow. Cost of living increases and some incentives are built into the contract. "It's probably a little looser than some people would like but the arrangement works well for both parties," says DeMoll. "This was a whole new plant with some basic unknowns and the contract we have makes it a lot more flexible to deal with the unknowns as they arise."

Bedminster has invested at least \$2 million more in the plant than what was in the original package. "The county got a bargain and we have an operating plant," says Larry Finn. Adds Aiani: "SSWI took a risk and bought the big one. It would be at least a \$10 million plant if we were to build it for someone else. We look at it as an investment in marketing." ■



12 Executive Campus, 535 Route 38, Suite 580  
Cherry Hill, New Jersey 08002  
(609) 662-2662 / FAX (609) 662-4095



Virginia B. Wetherell  
Secretary

DATE: 7-14-95  
TIME: 2:00 PM  
SUBJECT: SUMNER COUNTY SWIM FACILITY

## ATTENDEES

Name	Affiliation	Telephone
STEVE MORROW	FOCP	(813) 744-6100 x 385
Susan Pelz	"	813-744-6100 x 386
Bob Butera	"	813-744-6100 x 387
MITCH KESSLER	TIA / SUMTER CT	813 264 7240
JAKE VARN	CARLTON FIELDS	(904) 224-1585
Wayne Smith	UNIV. FLOR.	904-846-0851
Allison Searcy	TIA / Sumter County	813-264-7240
DAVID SPRINGSTEAD	SPRINGSTEAD ENG. INC	904-787-1414
GARRY BREEDEN	SUMTER Co	904-793-0240
JOHN SPRINGSTEAD	SPRINGSTEAD ENG INC	904-787-1414
Terry Hurst	Sumter Co.	904-793-3368
BENNY STICKLAND	Sumter Co.	904-748-2060
Jake Spunk	FOCP	813-744-6100 ext 352

**FDEP AND SUMTER COUNTY  
DISTRICT MEETING - TAMPA, FLORIDA  
JULY 14, 1995 - 2:00 P.M.**

**AGENDA**

---

**I.     *Introduction - Garry Breeden***

- A.     Introduction of Meeting Attendees
- B.     Meeting Objective
- C.     Project Background/ Consent Order Review

**II.    *Facility Design and Project Direction-David Springstead***

- A.     Review of Old Site Plan
- B.     Presentation of New Site Plan
- C.     Description of Modifications to Permit Applications in Response to FDEP's RAIs
- D.     Explanation and Justification of Modifications
- E.     Discussion of System- Wayne Smith

**III.   *System and Technology Advantages- Mitch Kessler***

- A.     Overview of System and Technology Advantages
- B.     Discussion of Up-Front Recovery System
- C.     Discussion of Digester Compost System

**IV.    *County Objectives/Goals- Garry Breeden***

- A.     Recycling and Composting System Research
- B.     BOCC Approval of Contract Negotiations
- C.     Financial Support for Modifications
- D.     Request from DEP

**V.     *Discussion***

Suwan Co Meeting 200pm

7/15/95

Gary B. If we design a conveyor we will probably have problems with you all. We have concluded that there is a better way to do what we want to do -

David S. Cost of conveyance system (1500 LR) made us take a good look at coming from old bldg.

- "digester"  $\Rightarrow$  3 days
- mostly organics in digester
- no fluid comes out of digester
- potential to use sludge or animal wastes in digester (don't want to do this now - later)
- existing vol. recd. bldg will be used for recyclable storage

Dr. Smith: Digestion Process - drum

- may inject air or moisture if needed
- macerates mat'l (organics only) inorganics don't then inorganics can be screened out later
- creates its own heat
- several manufacturers (sevierville, TN, Cobb Co, GA)

David Apply moisture manually w/ water truck  
can add in digester

Sohn S Digester 120-140°F, temperature & moisture probes  
can control speed

Mitch - want to take out not only recyclables, but also mat'ls which will not be conducive to composting  
- plastic perforators

Jack Sumter Co is not proposing to increase the time line in removing sluff -

Paragraphs 13 & 14 - 45 days to Award contract  
180 days from contract to build new facilities

When March 31, 1996 comes if cell is empty,

He could generate sluff & put it on existing pads

Granny I don't want to do that -

Problem is lead time on equipment:

Digesters may be 6-8 months lead time

Bob - please make future submittals as complete as possible  
and vendor plans

Rick - I think we should become as familiar w/ process as possible -  
Dr. Smith Any questions on digestion, please let me know. <sup>maybe go to existing plant in Tenn.?</sup>

Future use of existing compost pads? haven't decided  
probably won't use south & middle pads

Future use of ponds? if no use, it may be stormwater  
don't really know what we're going to do with them

DELONG, CALDWELL, LOGUE & WISEBRAM

ATTORNEYS AND COUNSELORS AT LAW

1770 RESURGENS PLAZA  
945 EAST PACES FERRY ROAD, N.E.  
ATLANTA, GEORGIA 30326  
TELEPHONE (404) 842-0555  
TELECOPIER (404) 842-0565

DIRECT DIAL 404-842-0620

A. KEITH LOGUE

**RECEIVED**  
JUL 13 1995

Department of Environmental Protection  
SOUTHWEST DISTRICT

July 6, 1995

BY \_\_\_\_\_

VIA FACSIMILE AND FIRST CLASS MAIL

Mr. William Kutash  
Division of Waste Management  
Department of Environmental Protection  
State of Florida  
3804 Coconut Palm Drive  
Tampa, FL 33619

RE: Sumter County, Florida.

Dear Mr. Kutash:

We represent Municipal Waste Management Incorporated of Atlanta, Georgia ("MWM"). Over the last several months it has come to our attention that officials of Sumter County, Florida may have utilized portions of MWM's proprietary information to make certain presentations and representations to the Department of Environmental Protection as a solution to Sumter County's landfill problems.

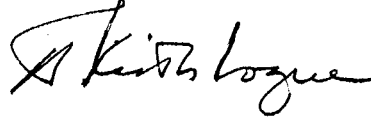
Accordingly, this is to request, pursuant to Florida's Open Records Act, copies of any and all materials in your files concerning the investigation, examination and inquiry into Sumter County, Florida's solid waste program. Specifically, we would appreciate you providing copies of any documents relating to Sumter County's plans to alleviate any problems which may exist with regard to the operation of an unpermitted and/or unlicensed landfill and particularly any plans or ideas presented by or on behalf of Sumter County to alleviate any problems or potential problems with DEP, including the avoidance or delay of any initiation of civil, criminal or administrative action avoiding any fines or monetary penalties.

I realize and understand that this might be a time consuming request; however, we are under quite a time constraint and would appreciate you assisting us as expeditiously as possible. Of course, we would be more than happy to pay for the costs of any copies and any other documents which are not exempt from disclosure under the Act.

If you have questions regarding this request, please do not hesitate to call me at your convenience. Your prompt response is appreciated.

Sincerely,

DELONG, CALDWELL, LOGUE  
& WISEBRAM

A handwritten signature in black ink, appearing to read "A. Keith Logue". The signature is fluid and cursive, with the first letter of each word being capitalized and prominent.

A. Keith Logue

AKL/dsk

H:\DSK\MUNICIP\KUTASH.LET

SOUTHWEST DISTRICT  
CONVERSATION RECORD

Date 7/6/95  
Time \_\_\_\_\_

Subject expansion  
Sumter County

Permit No. \_\_\_\_\_

County \_\_\_\_\_

M Keith Logue

Telephone No. 404-842-0555

Representing \_\_\_\_\_

[ ] Phone Me ☒ <sup>251pm</sup> Was Called [ ] Scheduled Meeting [ ] Unscheduled

Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

- 412p
- concerned About "proprietary info"
  - he wants copies of our files on expansion
  - we discussed bag breakers, magnetic separation & new window turner
  - I told him I would check w/ Bill Kutash about procedure for getting him the files.

- (7/11/95 400p - He came in & looked at files
- we discussed the application/information submitted to date
  - He decided that he didn't need to copy any info

(continue on another  
sheet, if necessary)

Signature [Signature]

Title ED



**DELONG, CALDWELL, LOGUE & WISEBRAM.**

ATTORNEYS AND COUNSELORS AT LAW

Suite 1770, Resurgens Plaza  
945 East Paces Ferry Road N.E.  
Atlanta, Georgia 30326

Phone (404) 842-0555

Fax (404) 842-0565

**TELECOPY COVER SHEET  
CONFIDENTIALITY NOTICE**

The documents accompanying this telecopy transmission contain **confidential and privileged** information from the law firm of DeLong, Caldwell, Logue & Wisebram. The information was intended for the exclusive use of the individual(s) or entity(ies) named on this transmission sheet. *If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this telecopied information is prohibited.* If you have received this telecopy in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

**To: William Kutash****Fax no: 813-744-6125****Date: July 6, 1995****Subject: Sumter County, FL solid waste program****Doc Enclosed: Letter request****Page Nos. 3 Including this cover page****Comments: Please deliver ASAP. Thank you, Keith Logue****If you have any difficulty receiving this transmission, please call us at (404) 842-0555.****Sincerely,****DELONG, CALDWELL, LOGUE & WISEBRAM**  
**A. KEITH LOGUE**

**DELONG, CALDWELL, LOGUE & WISEBRAM**

ATTORNEYS AND COUNSELORS AT LAW

1770 RESURGENS PLAZA

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TELEXFAX (404) 842-0565

A. KEITH LOGUE

DIRECT DIAL 404-842-0620

July 6, 1995

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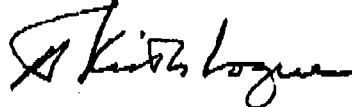
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Sincerely,

DELONG, CALDWELL, LOGUE  
& WISEBRAM

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A. Keith Logue

AKL/dsk

H:\DSK\MUNICIP\KUTASH.LET



# RECIPIENT'S COPY

QUESTIONS? CALL 800-235 355 TOLL FREE.

4001051751

AIRBILL

PACKAGE  
NUMBER

4001051751

TRA



Date

6/7/95

From (Your Name) Please Print

David W. Springstead

Company

Springstead Engineering, Inc.

Street Address

727 S. 14th Street

City

Leesburg, Florida

State

ZIP Required

34748

Your Phone Number (Very Important)

(904) 787-1414

Department/Floor No.

To (Recipient's Name) Please Print

Susan J. Pelz

Company

Department of Environmental Protection

Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.)

3804 Coconut Palm Drive

City

Tampa, Florida

State

ZIP Required

33619

Recipient's Phone Number (Very Important)

(813) 744-6100

Department/Floor No.

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.)

921100.003

IF HOLD AT FEDEX LOCATION, Print FEDEX Address Here

Street  
Address

City

State

ZIP Required

PAYMENT

1 Bill Sender 2 Bill Recipient's FedEx Acct. No. 3 Bill 3rd Party FedEx Acct. No. 4 Bill Credit Card

5 Cash/Check

## SERVICES (Check only one box)

Priority Overnight  
(Delivery by next business morning)

11 OTHER PACKAGING

12 FEDEX LETTER

13 FEDEX PAK

14 FEDEX BOX

15 FEDEX TUBE

Standard Overnight  
(Delivery by next business afternoon,  
No Saturday delivery)

51 OTHER PACKAGING

52 FEDEX LETTER

53 FEDEX PAK

54 FEDEX BOX

55 FEDEX TUBE

Economy Two-Day  
(Delivery by second business day)

30 ECONOMY

31 GOVT LETTER

32 GOVT PACKAGE

Government Overnight  
(Restricted for authorized users only)

46 GOVT LETTER

47 GOVT PACKAGE

Freight Service  
(for packages over 150 lbs.)

70 OVERNIGHT FREIGHT

71 TWO-DAY FREIGHT

72 HOLIDAY DELIVERY

80 TWO-DAY FREIGHT

81 HOLIDAY DELIVERY

82 HOLIDAY DELIVERY

## DELIVERY AND SPECIAL HANDLING (Check services required)

1 HOLD AT FEDEX LOCATION WEEKDAY  
(Fill in Section H)

2 DELIVER WEEKDAY

31 HOLD AT FEDEX LOCATION SATURDAY  
(Fill in Section H)

3 DELIVER SATURDAY  
(Extra charge) (Not available to all locations)

9 SATURDAY PICK-UP  
(Extra charge)

Special Handling

4 DANGEROUS GOODS (Extra charge)

6 DRY ICE  
Dangerous Goods Shipper's Declaration not required

12 HOLIDAY DELIVERY (If offered)  
(Extra charge)

PACKAGES

WEIGHT  
In Pounds  
Only

YOUR DECLARED  
VALUE  
(See right)

Total

Total

Total

Total

Total

Total

Total

Total

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Total

Total

Total

Total

Total

Emp. No.

Date

Federal Express Use

Cash Received

Return Shipment

Third Party

Chg. To Del.

Chg. To Hold

Street Address

City

State

Zip

Received By:

X

Date/Time Received

FedEx Employee Number

REVISION DATE 4/94

PART #145413

FORMAT #160

160

© 1993-94 FEDEX

PRINTED IN

U.S.A.

Release Signature:

1 Regular Stop

2 Drop Box

3 B.S.C.

4 On-Call Stop

5 Station

6

7

8

9

10

11



**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

**RECEIVED**  
JUN 08 1995

727 South 14th Street  
Leesburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

June 7, 1995

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

Ms. Susan J. Pelz, E.I.  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**RE: COMPOSTING FACILITY EXPANSION  
PENDING PERMIT NO. SC60-263199, SUMTER COUNTY  
921100.003**

Dear Ms. Pelz:

We are in receipt of your letter of May 19, 1995. We are attempting to organize a meeting of the individuals you requested and individuals which the County wishes to have present at the meeting.

The dates you have requested during the week of June 12, 1995 cannot be attended by the necessary parties from the County.

We suggest that the meeting be scheduled during the morning or afternoon of July 7, 1995, The afternoon of July 10, 1995 or the morning or afternoon of July 14, 1995. *2:00pm ADM*

Please contact me after reviewing these tentative dates with the Department so we can plan the meeting.

We hope that this information meets your needs at the present time. Should you have any questions regarding the above information, please contact our office.

Sincerely,  
Springstead Engineering, Inc.

*[Signature]*  
David W. Springstead, P.E.  
Engineer

DWS/kac

(6/7/95-RAI)

cc: Garry Breeden - Sumter County  
Terry Hurst - Sumter County  
Mitch Kessler - TIA Consultants  
Jake Varn - Carlton, Fields, Ward, Emmanuel, Smith & Cutler, P.A.

Z 349 851 308



# Receipt for Certified Mail

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

PS Form 3800, March 1993

Sent to <i>Warry Breedon, Dir</i>	
Street and No. <i>Sumter City Dept Public Works</i>	
P.O., State and ZIP Code <i>222 E. McCullum Ave</i>	
Postage <i>Bushnell, FL 33513</i>	
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date  <i>5-19-95</i>	

SL 60-263199

SENDER: *Composting Facility Expansion*

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

## 3. Article Addressed to:

*Warry Breedon, Dir*  
*Sumter City Dept of*  
*Public Works*  
*222 EAST McCullum Ave*  
*Bushnell, FL 33513*

## 5. Signature (Addressee)

## 6. Signature (Agent)

*Liana M. Johnson*

## 4a. Article Number

*Z 349 851 308*

## 4b. Service Type

- |   |   |
|---|---|
| <input type="checkbox"/> Registered           | <input type="checkbox"/> Insured                        |
| <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> COD                            |
| <input type="checkbox"/> Express Mail         | <input type="checkbox"/> Return Receipt for Merchandise |

## 7. Date of Delivery

*5-22-95*

## 8. Addressee's Address (Only if requested and fee is paid)

UNITED STATES POSTAL SERVICE



Official Business

PENALTY FOR PRIVATE  
USE TO AVOID PAYMENT  
OF POSTAGE, \$300



Print your name, address and ZIP Code here

State of Florida  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

Susan Pelz  
Solid Waste





# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

*Comments ?*

*Great letter*

*Bob J*

CERTIFIED MAIL  
RETURN RECEIPT

Mr. Garry Breeden, Director  
Sumter County Department of Public Works  
222 East Mc Cullum Ave.  
Bushnell, FL 33513

May 19, 1995

RE: Composting Facility Expansion  
Pending Permit No. SC60-263199, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of the additional information submitted by Springstead Engineering, dated May 11, 1995, supporting your permit application, dated December 16, 1994, submitted in compliance with paragraph 11 of Consent Order OGC Case #94-3559, to construct an expansion to the existing solid waste composting facility, referred to as the Sumter County Solid Waste Management Composting Facility.

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.

The information submitted indicates that the County is planning to construct a new Materials Recovery Facility in a portion of the proposed composting building. The Department's understanding, based on the September 26, 1994 meeting with the County, was that, in order to expedite the permit processing for the new composting facility, the permit for the proposed new composting system would be applied for immediately, and the permit for the new MRF would be sought at a later time. However, since it appears that the County now wishes to apply for the new MRF concurrently with the composting expansion, the Department agrees that a meeting should be scheduled to discuss the change in scope of the project. The Department proposes that the meeting be set for **Tuesday, June 16, 1995 at 10:00 a.m.** at the Southwest District Office in Tampa. The Department expects that Dr. Richard Garrity, Mr. Robert Butera, Mr. Steve Morgan and Ms. Susan Pelz from FDEP will attend, and requests that the following persons also attend: Mr. Garry Breeden, Mr. Jake Varn, Mr. Mitch Kessler, Mr. Terry Hurst, Mr. John Springstead and Mr. David Springstead. If the proposed meeting time is not acceptable, please propose a time and date which will better accommodate the County's schedule. The above Department personnel are unable to meet prior to June 13th.



The Department appreciates the County's efforts to comply with the conditions of the Consent Order. Although the Department will continue to work with the County to expedite the permitting process and achieve the goals set forth in the Consent Order, the processing of the current permit application will be temporarily suspended pending the outcome of the proposed meeting with the County. Please be advised that the temporary suspension of the permitting activity shall in no way relieve the County of the conditions of Paragraphs 9, 15 and 16 of Consent Order #94-3559.

Although the design of the new MRF has not been provided, the Department is concerned about the following items in the composting system expansion:

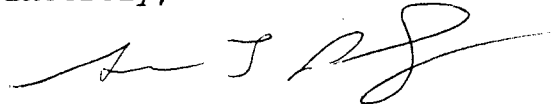
1. **Moisture Control.** It is the Department's understanding that much of the impetus behind the indoor composting expansion is the issue of moisture control. It seems that the County believes that since outdoor composting operations are subject to uncontrolled rainfall, an indoor composting environment will allow for increased moisture control which will promote more efficient composting. It seems, however, that the proposed operation of adding moisture via water truck or tank on the SCARAB, will not provide the accurate data on quantities of water/leachate used, as desired. While uncontrolled moisture addition (rainfall) will largely be eliminated, the quantities of moisture required for optimum composting will remain unknown. If the goal is to provide an optimum composting environment, then it seems that the system should provide a means of determining the amount of moisture applied, for comparison with the amount of moisture required.
2. **Recordkeeping.** If rows will be combined, it is not clear how an accurate record of the age of the row (or portion of the row) will be maintained. It is not clear how rows which were formed at different times (e.g. 20 days apart) can be combined and accurate records (quantity of material, age of row) continue to be maintained. Is the addition of new material to an existing row, which is at some stage in the composting process, counter-productive to the composting process of that row? It is not clear if compost which is finished at different times will be combined prior or after testing to determine the type and age of the compost.
3. **Equipment Clearance in the Building.** The Department is concerned that the complex maneuvers which are required for the SCARAB's operation, in conjunction with the operation of the water truck inside the building, may result in damage to the building columns. The complex operation of the SCARAB should be stressed in the Operations Plan. Procedures or building design features should be included to specifically protect the building columns.

4. **Leachate Recirculation System.** It is not clear if the existing leachate recirculation system is adequate for the recirculation of leachate to the proposed new facility. Information provided indicated that the leachate recirculation system will be operated as described in the "Leachate Recirculation Report" dated October 2, 1992. However, much of the information contained in this report does not seem to be applicable to the new facility. The Leachate Recirculation As-Built plans dated June 6, 1993 are referenced for connections to the new facility. However, it is not clear on the as-builts where the new system will be connected. The use of the north sump and the "emergency overflow and storage cell" are not clearly defined.

5. **Construction Drawings and Specifications.** Several of the responses provided indicate that some information "will be submitted" at a later time, and that the drawings and reports provided are "preliminary", "not for construction", and "subject to revision". Please be advised that the Department requires construction plans and specifications for review. "Preliminary" or "permitting" plans or designs are not acceptable. The Department recognizes that contractors or manufacturers may provide shop drawings for specific systems, e.g., the conveyor system, after the contract is awarded. However, the Department cannot approve "preliminary" or "conceptual" plans or designs.

The Department looks forward to meeting with the County to discuss the above issues. You are requested to contact this office within fifteen (15) days concerning the meeting time and date. You may contact me at (813) 744-6100 extension 386, Robert Butera at extension 451 or Steve Morgan at extension 385.

Sincerely,



Susan J. Pelz, E. I  
Solid Waste Section  
Division of Waste Management

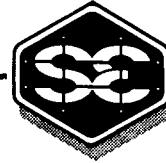
sjp

cc: Terry Hurst, Sumter County Solid Waste Management Facility, P.O. Box 1066,  
Bushnell, Fl. 33513  
David Springstead, P.E., Springstead Engineering, 727 S. 14th St.  
Leesburg, FL 34748  
Jake Varn, Esq., Carlton, Fields, Ward, Emmanuel, Smith & Cutler, P.A.,  
PO Drawer 190, Tallahassee, FL 32302  
Mitch Kessler, TIA Consultants, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618  
Richard D. Garrity, Ph.D., Director of District Management,  
FDEP Southwest District  
William Kutash, Waste Program Administrator, FDEP Tampa  
Robert Butera, P.E., FDEP-Solid Waste, Tampa  
Steve Morgan, FDEP-Solid Waste, Tampa  
Milton Martinez, FDEP-Potable Water, Tampa

# Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748



Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

TO Ms. Susan J. Pelz, E.I.  
Florida Dept of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

DATE 5/11/95 JOB NO. 921100.003  
ATTENTION Ms. Pelz  
RE Composting Facility Expansion  
Pending Permit SC60-263199

## GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ under separate cover via \_\_\_\_\_ the following items:  
☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile  
☐ Copy of letter ☐ Change order ☐ \_\_\_\_\_

Copies	Date	No.	Description
3			Request for Additional Information with included plans and attachments as requested <div>RECEIVED MAY 12 1995 Department of Environmental Protection SOUTHWEST DISTRICT BY _____</div>

## THESE ARE TRANSMITTED as checked below:

- ☒ For approval ☐ Approved as submitted ☐ Approved for payment  
☐ For your use ☐ Approved as noted ☐ Resubmit \_\_\_\_\_ copies for approval  
☐ As requested ☐ Returned for corrections  
☐ For review and comment ☐ \_\_\_\_\_  
☐ Material and/or prints returned after loan to us

## REMARKS

1 of 2

COPY TO

Bernard Dew  
Garry Breeden  
Terry Hurst  
Jacob Varn  
Mitch Kessler

SIGNED: \_\_\_\_\_

David W. Springstead, P.E.

jal

Member of American Consulting Engineers Council



# RECIPIENT'S COPY

QUESTIONS? CALL 800-238-0001 TOLL FREE

AIRBILL

PACKAGE TRACKING NUMBER

3923484250

5095

3923484250



From (Your Name) Please Print <b>David W. Springatead</b>		Your Phone Number (Very Important) <b>(904) 787-1414</b>		To (Recipient's Name) Please Print <b>Susan J. Pelz</b>		Recipient's Phone Number (Very Important) <b>(813) 744-6100</b>	
Company <b>SPRINGSTEAD ENGINEERING INC</b>		Department/Floor No.		Company <b>Department of Env. Protection</b>		Department/Floor No.	
Street Address <b>727 S 14TH ST</b>		City <b>LEESBURG</b>		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) <b>3804 Coconut Palm Drive</b>		City <b>Tampa</b>	
State <b>FL</b>		ZIP Required <b>34748</b>		State <b>Florida</b>		ZIP Required <b>33619</b>	
YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.) <b>921100.003 1 of 2</b>				IF HOLD AT FEDEX LOCATION, Print FEDEX Address Here Street Address City State ZIP Required			
PAYMENT <input checked="" type="checkbox"/> Bill Sender <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card <input type="checkbox"/> Cash <input type="checkbox"/> Check				Emp. No. Date Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges			
4 SERVICES (Check only one box) 11 <input type="checkbox"/> OTHER PACKAGING 16 <input checked="" type="checkbox"/> FEDEX LETTER* 12 <input type="checkbox"/> FEDEX PAK* 13 <input type="checkbox"/> FEDEX BOX 14 <input type="checkbox"/> FEDEX TUBE 51 <input type="checkbox"/> OTHER PACKAGING 56 <input type="checkbox"/> FEDEX LETTER* 52 <input type="checkbox"/> FEDEX PAK* 53 <input type="checkbox"/> FEDEX BOX 54 <input type="checkbox"/> FEDEX TUBE		5 DELIVERY AND SPECIAL HANDLING (Check services required) 1 <input type="checkbox"/> HOLD AT FEDEX LOCATION WEEKDAY (Fill in Section H) 2 <input checked="" type="checkbox"/> DELIVER WEEKDAY Saturday Service 31 <input type="checkbox"/> HOLD AT FEDEX LOCATION SATURDAY (Fill in Section H) 3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge) (Not available to all locations) 9 <input type="checkbox"/> SATURDAY PICK-UP (Extra charge) Special Handling 4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge) 6 <input type="checkbox"/> DRY ICE Dry Ice, 9 UN 1845, _____ X _____ kg, 904 III DESCRIPTION 12 <input type="checkbox"/> HOLIDAY DELIVERY (If offered) (Extra charge)		6 PACKAGES WEIGHT In Pounds Only YOUR DECLARED VALUE (See right) Total Total Total DIM SHIPMENT (Chargeable Weight) L x W x H Received at: 1 <input type="checkbox"/> Regular Stop 2 <input type="checkbox"/> On-Call Stop 3 <input type="checkbox"/> Drop Box 4 <input type="checkbox"/> B.S.C. 5 <input type="checkbox"/> Station		7 Release Signature:	

REVISION DATE 4/94  
PART #145412 WCSL 11940  
FORMAT #160

160

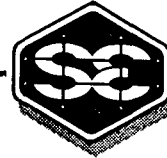
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PRINTED IN  
U.S.A.

# Springstead Engineering, Inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748

**RECEIVED**  
MAY 12 1995



Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

TO Ms. Susan J. Pelz, E.I.  
Florida Dept of Environmental  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Department of Environmental Protection  
SOUTHWEST DISTRICT  
Environmental Protection

5/11/95

JOB NO. 921100.003

ATTENTION Ms. Pelz

RE Composting Facility Expansion  
Pending Permit SC60-263199

## GENTLEMEN:

### WE ARE SENDING YOU

☒ Attached ☐ under separate cover via \_\_\_\_\_ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile

☐ Copy of letter

☐ Change order

☐ \_\_\_\_\_

Copies	Date	No.	Description
3			Request for Additional Information with included plans and attachments as requested

## THESE ARE TRANSMITTED as checked below:

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> For approval                          | <input type="checkbox"/> Approved as submitted    | <input type="checkbox"/> Approved for payment               |
| <input type="checkbox"/> For your use                                     | <input type="checkbox"/> Approved as noted        | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input type="checkbox"/> As requested                                     | <input type="checkbox"/> Returned for corrections |   |
| <input type="checkbox"/> For review and comment                           | <input type="checkbox"/> _____                    |   |
| <input type="checkbox"/> Material and/or prints returned after loan to us |   |   |

## REMARKS

2 of 2

## COPY TO

Bernard Dew  
Garry Breeden  
Terry Hurst  
Jacob Varn  
Mitch Kessler

SIGNED: \_\_\_\_\_

David W. Springstead, P.E.

Member of American Consulting Engineers Council

jal

**RECIPIENT'S COPY**

QUESTIONS? CALL 800-221-5555 TOLL FREE.

AIRBILL

PACKAGE  
TRAC NUMBER

4001051843

4001051843

Date  
5/11/95

From (Your Name) Please Print <b>David W. Springstead</b>		Your Phone Number (Very Important) <b>(904) 787-1414</b>		To (Recipient's Name) Please Print <b>Susan J. Pelz</b>		Recipient's Phone Number (Very Important) <b>(813) 744-6100</b>	
Company <b>Springstead Engineering, Inc.</b>		Department/Floor No.		Company <b>Department of Environmental Protection</b>		Department/Floor No.	
Street Address <b>727 S. 14th Street</b>				Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) <b>3804 Coconut Palm Drive</b>			
City <b>Laesburg, Florida</b>		State <b>FL</b>		City <b>Tampa, Florida</b>		State <b>FL</b>	
ZIP Required <b>34748</b>		ZIP Required <b>33619</b>					

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.)

921100.003 2 of 2

IF HOLD AT FEDEX LOCATION, Print FEDEX Address Here

Street  
AddressPAYMENT 1 ☒ Bill Sender 2 ☐ Bill Recipient's FedEx Acct. No. 3 ☐ Bill 3rd Party FedEx Acct. No. 4 ☐ Bill Credit Card5 ☐ Cash/  
Check

City State ZIP Required

4 SERVICES  
(Check only one box)

<b>Priority Overnight</b> (Delivery by next business morning)	<b>Standard Overnight</b> (Delivery by next business afternoon, for Saturday delivery)
11 <input type="checkbox"/> OTHER PACKAGING	51 <input type="checkbox"/> OTHER PACKAGING
16 <input type="checkbox"/> FEDEX LETTER*	56 <input type="checkbox"/> FEDEX LETTER*
12 <input type="checkbox"/> FEDEX PAK*	52 <input type="checkbox"/> FEDEX PAK*
13 <input type="checkbox"/> FEDEX BOX	53 <input type="checkbox"/> FEDEX BOX
14 <input type="checkbox"/> FEDEX TUBE	54 <input type="checkbox"/> FEDEX TUBE

<b>Economy Two-Day</b> (Delivery by second business day 1)	<b>Government Overnight</b> (Restricted for authorized users only)
30 <input type="checkbox"/> ECONOMY*	46 <input type="checkbox"/> GOVT LETTER
	41 <input type="checkbox"/> GOVT PACKAGE

<b>Freight Service</b> (for packages over 150 lbs.)	
70 <input type="checkbox"/> OVERNIGHT FREIGHT**	80 <input type="checkbox"/> TWO-DAY FREIGHT**
(Confirmed reservation required)	
*Delivery commitment may be later in some areas.	
**Declared Value Limit \$500. **Call for delivery schedule.	

5 DELIVERY AND SPECIAL HANDLING  
(Check services required)

<b>Weekday Service</b> (Fill in Section H) 1 <input type="checkbox"/> HOLD AT FEDEX LOCATION WEEKDAY 2 <input checked="" type="checkbox"/> DELIVER WEEKDAY	
<b>Saturday Service</b> 31 <input type="checkbox"/> HOLD AT FEDEX LOCATION SATURDAY (Fill in Section H) 3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge) (Not available to all locations)	
9 <input type="checkbox"/> SATURDAY PICK-UP (Extra charge)	
<b>Special Handling</b> 4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge) 6 <input type="checkbox"/> DRY ICE Dangerous Goods Shipper's Declaration not required Dry Ice: 9 UN 1845, _____ X _____ kg. 904 III DESCRIPTION _____ 12 <input type="checkbox"/> HOLIDAY DELIVERY (If offered) (Extra charge)	

PACKAGES	WEIGHT In Pounds Only	YOUR DECLARED VALUE (See right)
1	7	
Total	Total 7	Total
DIM SHIPMENT (Chargeable Weight) _____ lbs. L x W x H Receiver <b>AS</b> 1 <input type="checkbox"/> Regular Stop 3 <input type="checkbox"/> Drop Box 2 <input checked="" type="checkbox"/> On-Call Stop 4 <input type="checkbox"/> B.S.C. 5 <input type="checkbox"/> Station		

Emp. No.	Date	Federal Express Use
<input type="checkbox"/> Cash Received <input type="checkbox"/> Return Shipment <input type="checkbox"/> Third Party <input type="checkbox"/> Chg. To Del. <input type="checkbox"/> Chg. To Hold		Base Charges
Street Address		Declared Value Charge
City State Zip		Other 1
Received By: <b>X</b>		Other 2
Date/Time Received FedEx Employee Number		Total Charges
Release Signature:		

REVISION DATE 4/94  
PART #145413  
FORMAT #160

160

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PRINTED IN  
U.S.A.

Z 349 851 284



# Receipt for Certified Mail

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

PS Form 3800, March 1993

Sent to <i>Garry Breeden, Dir</i>	
Street and No. <i>Sumter County - Public Works</i>	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date  <i>3-14-95</i>	

SC60-263199

## SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

### 3. Article Addressed to:

*Garry Breeden, Dir  
Sumter County Dept.  
Public Works  
222 E. McCullum Ave  
Bushnell, FL 33513*

### 5. Signature (Addressee)

### 6. Signature (Agent)

*Shane M. Johnson*

### 4a. Article Number

*Z 349 851 284*

### 4b. Service Type

- |   |   |
|---|---|
| <input type="checkbox"/> Registered           | <input type="checkbox"/> Insured                        |
| <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> COD                            |
| <input type="checkbox"/> Express Mail         | <input type="checkbox"/> Return Receipt for Merchandise |

### 7. Date of Delivery

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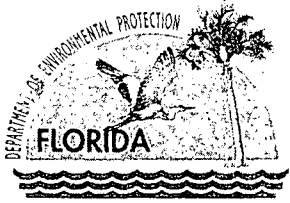
• Susan Pelz •

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

9/831B







# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

CERTIFIED MAIL  
RETURN RECEIPT

Mr. Garry Breeden, Director  
Sumter County Department of Public Works  
222 East Mc Cullum Ave.  
Bushnell, FL 33513

March 14, 1995

RE: Composting Facility Expansion  
Pending Permit No. SC60-263199, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of the additional information submitted by Springstead Engineering, dated February 10, 1995, supporting your permit application, dated December 16, 1994, submitted in compliance with paragraph 11 of Consent Order OGC Case #94-3559, to construct an expansion to the existing solid waste composting facility, referred to as the Sumter County Solid Waste Management Composting Facility.

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. 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 62-709, Florida Administrative Code (F.A.C.)]:

1. Several of the responses provided indicate that some information "will be submitted" at a later time, and that the drawings and reports provided are "preliminary", "not for construction", and "subject to revision". Please be advised that the Department requires construction plans and specifications for review. "Preliminary" or "permitting" plans or designs are not acceptable. The Department recognizes that contractors or manufacturers may provide shop drawings for specific systems, e.g., the conveyor system, after the contract is awarded. However, the Department cannot approve "preliminary" or "conceptual" plans or designs. Please provide complete construction designs, plans, technical specifications and supporting information for the proposed construction.

2. The information submitted states, "The moisture control by spraying will be performed by two methods. The first method is to apply moisture... during the turning of the material with the Scarab. The second method will be to wet the compost material with a low pressure hose attached to a water supply truck. The hose will not spray water on the compost windrows in a manner which will create aerosols." (page 2, #4) The Scarab manufacturer's information does not indicate that a spray system is included with the scarab. Please explain how moisture will be added "during the turning of material with the Scarab." Please provide manufacturer's specifications for the water truck which will be used. Please verify that the truck has sufficient clearance for maneuvering inside the building. The Department understands that one consideration in the development of the indoor composting operation was moisture control. Please explain how the amount of moisture will be controlled if the amount of water/leachate added to the piles is not known. Since a truck loadout system does not currently exist at the site, please explain how leachate will be loaded into the water truck.

3. The information submitted states, "The Yellomine pipe from the existing recirculation system will be connected to a single fill location instead of a header. The connection details are presented in Detail C on Figure 6." (page 2, #6.) However, "Figure 6" (Sheet 6 of 13) does not show a "Detail C". Sheet 6 of 13 shows the single leachate hose bibb. However, it is not clear how this is connected to the existing leachate recirculation system. Sheet 8 of 13 does not show a pump in the line from the existing recirculation system to the proposed composting building. Please clarify the leachate recirculation system details.

4. The information submitted states, "The screens will consist of wire mesh with a minimum opening of approximately 1 inch. Details will be submitted as shop drawings by the contractor to be approved by the Owner." (page 2, #7.) Please clarify if the openings will be a minimum or maximum of one inch.

5. The information submitted states, "The details [of the fluff conveyor] are presented in Figure 11. At this time, we are investigating the possibility of transporting the fluff... via a closed-pipe hydropneumatic transport process. Details of this system will be forwarded to the Department as soon as the viability of the process is confirmed." (page 3, #9.) "If the conveyor system is used, litter control will consist of installing a mesh net around the conveyor system... on the walkway...." (page 4, #14.b.) The details on Sheet 11 of 13 do not appear to be sufficient for construction, e.g., the height is not provided, the foundation is noted "as required", bracing calculations to ensure the stability of the system are not provided, etc. Details on the "mesh net" and the "walkway" are not provided. The Department understands that the feasibility of an enclosed hydro-pneumatic conveyor system is being investigated. However, the Department cannot expedite the permitting process without sufficient information. Please provide information concerning the hydro-pneumatic conveyor system, the proposed belt conveyor and associated litter and leachate controls, or provide a schedule for the submittal of this information. Please see comment #1 above.

6. The information submitted states, "Methods and records for combining windrows will be kept in the same manner as is currently being performed. At this time based on the inflow of the facility, the exposed composting pads will not be used... unless extremely heavy inflow is experienced...." (page 5, #14.d.) If the outdoor composting pads are used, how will moisture be controlled? Since it takes 4 days to form a row and 60 days to complete the composting process, and the building accommodates 16 rows (when only 15 [60/4] rows are required), it seems that rows will not be required to be combined. Please explain how rows which were formed at different times (e.g. 20 days apart) can be combined and accurate records (quantity of material, age of row) continue to be maintained. Is the addition of new material to an existing row which is at some stage in the composting process, counter-productive to the composting process of that row?

7. The information submitted states, "The compost will be temporarily stored in piles as shown in Figure 6. The maximum time of storage will be... More than half of the compost stored at the facility will be used or sold for use within each year." (page 6, #14.g.) Please explain the specific procedures for recording and designating the production date for each compost pile which is stored in the finished compost building. Will compost piles be combined after testing? If piles are combined, how will the quantity produced and removed, and production/removal date records, be maintained to verify that more than half of the compost is removed each year and that compost remaining for the facility for three years has been removed?

8. The information submitted states, "The recommendations presented in the soils report are not intended to be comprehensive construction recommendations." (page 7, #17.b.) Since the application is for the construction of a solid waste management facility, please explain when the "comprehensive construction recommendations" are expected to be submitted. See comment #1 above.

9. The information submitted states, "The width of the bays were designed using the turning radius of the 20-foot Scarab as the control." (page 8, #3) Sheet 7 of 13 indicates that columns exist 25 feet from the north and south ends of the building. Sheet 6 of 13 indicates that a 35-foot turning lane is available. The Scarab information indicates that a 35-foot turning radius is required. Please clarify how the Scarab will maneuver around the columns (as shown on Sheet 7 of 13) at the ends of the building. The Department is aware that a purchase order for the Scarab was issued December 13, 1995. Please update the Department on the status of the Scarab.

10. The information submitted states, "The lift station detail is the 4-foot diameter wetwell shown on Figure 12. The diameter is shown incorrectly on Figure 12. It should show a diameter of 48"." (page 9, #4.a.) Please provide a revised Sheet 12 of 13 which shows this correction.

11. The information submitted states, "The HDPE pipe will be installed at a depth of 30 to 36 inches below the proposed finished grades, which do not change." (page 9, #6.a.) Please provide a revised Sheet 8 of 13 which specifies the finished grade and depth below finished grade for the HDPE pipe.

12. The information submitted states, "The pump used for pumping the leachate from the existing leachate storage pond to the composting building is the same pump used to spray exterior compost pads. Please see the leachate management system report for the existing facility for details of the pumping system." (page 10, #6.c.) Since several "leachate management system" reports exist, please provide the specific title and date of the report referred to. Do the calculations for the existing leachate spray system include losses for the additional piping and appurtenances for the proposed construction? Please verify that the existing pump and piping are adequate for the proposed service.

13. The information submitted states, "A copy of the water system plans currently being reviewed by FDEP are attached." (page 10, #8.b.) The Department's request of January 13, 1995, was for "construction details for all piping systems", and Note #5.C. on Sheet 10 of 13 refers to water supply systems. The plans submitted are for stormwater management system modifications. Please clarify to what section (e.g., potable water, environmental resource management, etc.) of FDEP the stormwater system modification plans were submitted for review. Since a SWFWMD permit exists at the site, it seems that stormwater system modifications would require SWFWMD approval.

14. The information submitted states, "No reclaimed water will be used on this project...." (page 10, #6.c.) Please provide a revised Sheet 10 of 13 which deletes this, and any other references, which are not specifically applicable to this project.

15. The information submitted states, "The ditch bottom inlet locations are shown in the composting building schematic presented in Figure 6." (page 11, #11.a.) However, the ditch bottom inlets are neither noted nor referenced to a specific detail on Sheet 13 of 13. Please provide a revised Sheet 6 of 13 which notes the ditch bottom inlets and references the detail on Sheet 13 of 13.

16. The information submitted states, "The distance to the Z-girt should read 16 feet." (page 12, #11.b.) Please provide a revised Sheet 13 of 13 which indicates the correct height.

**17. Please clarify the following information submitted in Appendix A - Water Balance:**

- a. The information states, "Ponds collecting stormwater runoff... will be the leachate pond and the north sump." However, response #5 above indicates that the south sump will be used.
- b. If the existing compost pads will continue to be used, is the capacity of the leachate holding pond and the south sump adequate for the quantity of leachate which will be generated? If use of the north sump will be discontinued, how will the pond be taken out of service? Will the liner be removed?
- c. Precipitation (P) = 0.3 inches per day and evaporation (E) = 0.163 per day. Please explain the source of this data. It appears that 54% ( $0.163/0.3=54\%$ ) of all precipitation is evaporated. The Department is very interested in what method may be used to evaporate 54% of precipitation. If the precipitation is based on 18 inches of rain in 60 days, is the evaporation rate based on the same 60-day period?
- d. Please explain the 12,656 GPD/AC in the consumptive use formula. How is CU ave=14,532 gpd/ac derived?

**The following comment is for information only, at this time, and does not require an immediate response:**

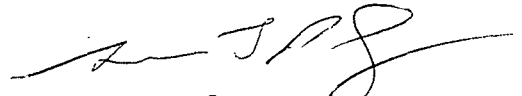
1. Please be advised that the Department requires construction plans and specifications for review. "Preliminary", "Bidding" or "Permit" plans are not acceptable. It appears that construction details on some systems were not provided to the Department for review. Construction specifications do not appear to have been provided for all construction activities in the proposed project. Based on discussions with the County's engineering consultant on March 14, 1995, the Department is investigating the Florida Board of Professional Regulation's requirement for a "Preliminary" notation on plans which are submitted for governmental agency review.

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 62-12.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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."

The Department appreciates the County's efforts to comply with the conditions of Consent Order #94-3559. The Department will continue to work with the County to expedite the permitting process and achieve the goals set forth in the Consent Order.

You are requested to submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,



Susan J. Pelz, E. I  
Solid Waste Section  
Division of Waste Management

sjp

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.  
Leesburg, FL 34748  
Jake Varn, Esq., Carlton, Fields, Ward, Emmanuel, Smith & Cutler, P.A.,  
PO Drawer 190, Tallahassee, FL 32302  
Richard D. Garrity, Ph.D., Director of District Management,  
FDEP Southwest District  
William Kutash, Waste Program Administrator, FDEP Tampa  
Robert Butera, P.E., FDEP-Solid Waste, Tampa  
Steve Morgan, FDEP-Solid Waste, Tampa  
Milton Martinez, FDEP-Potable Water, Tampa

# Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748



Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

TO Ms. Susan J. Pelz, E.I.  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Fl. 33619

DATE 2/10/95 JOB NO. 921100.003  
ATTENTION Ms. Pelz  
RE Pending Permit No. SC60-263199  
Composting Facility Expansion

## GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ under separate cover via \_\_\_\_\_ the following items:  
☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile  
☐ Copy of letter ☐ Change order ☐ \_\_\_\_\_

Copies	Date	No.	Description
3			FDEP RAI Composting Facility Expansion Pending Permit No. SC60-263199
3			Set of plans (sheets 1-5 of 11 and 6 of 15) <b>RECEIVED</b> FEB 14 1995 Department of Environmental Protection SOUTHWEST DISTRICT BY _____

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## REMARKS

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Terry Hurst  
Jake Varn  
Richard Garrity

SIGNED: \_\_\_\_\_

Member of American Consulting Engineers Council

David W. Springstead

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• *Susan Pelz* •

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
3804 COCONUT PALM DR.  
TAMPA, FLORIDA 33619



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## CERTIFIED MAIL RETURN RECEIPT

Mr. Garry Breeden, Director  
Sumter County Department of Public Works  
222 East Mc Cullum Ave.  
Bushnell, FL 33513

January 13, 1995

RE: Composting Facility Expansion  
Pending Permit No. SC60-263199, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of your permit application, dated December 16, 1994, submitted in compliance with paragraph 11 of Consent Order OGC Case #94-3559, to construct an expansion to the existing solid waste composting facility, referred to as the Sumter County Solid Waste Management Composting Facility.

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. 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 62-709, Florida Administrative Code (F.A.C.)]:

### ENGINEERING REPORT:

1. The information submitted states, "...approximately 70% of the solid waste which enters the facility is eventually recycled. Of this 70%, approximately 10%...is sorted out and sold directly to recycling companies..." (Section 1.53, page 5) Please clarify if these percentages are by weight or volume.

2. The information submitted states, "A topographic map prepared from a recent aerial photograph was prepared and is enclosed in the accompanying set of drawings." (Section 2.1.c., page 7) Please indicate the date of the "recent" aerial photograph (Sheet 2 of 13).

3. The information submitted states, "The design capacity of the facility is one hundred (100) tons per day. (Section 2.1.d., page 7) [And] when the facility is operating, it can process, on average, about 100 tons of solid waste a day. This includes the operation of the materials recovery facility and the three existing composting pads." (Section 1.52, page 5) Please clarify if the information presented in Section 2.0 is for the existing facility or the facility as expanded.

4. The information submitted states, "Moisture control for the compost windrows will consist of manually spraying leachate from the leachate holding pond onto the composting windrows...." (Section 2.2.b., pages 9-10) Please provide construction details and operational procedures for the spraying system. Please explain how aerosols created by the leachate spraying will be controlled.

5. The information submitted states, "The HDPE pipe will come above ground outside the building and will connect to Yellomine pipe which will flow into the south collector sump of the existing leachate system." (Section 2.2.b., page 10) Later information indicates that the leachate is directed into the north pad sump and pumped to the leachate holding pond. (Section 4.0, page 20) Please clarify where the leachate generated from the proposed expansion will be pumped.

6. The information submitted states, "A Yellomine pipe from the existing recirculation system will be connected to a header around the proposed composting pad building to supply moisture for curing compost." (Section 2.2.b, page 10) Please provide construction details for this connection.

7. The information submitted states, "Blowing litter at the proposed compost and screening building will be contained by screens over the open portions of the buildings." (Section 2.3.f., page 12) However, the drawings do not show screens on the buildings and technical specifications for screens have not been provided. Please provide details on the screens, including size, location, material proposed, and procedures (including minimum frequency) for removing litter.

8. The information submitted states, "Suitable fire extinguishers...will [be] located at several strategic locations in and around the facility." (Section 2.3.g., pages 12-13) please indicate the locations of fire extinguishers on a site plan.

9. The information submitted states, "The additional processing equipment will include the conveyor systems to transport the processed material from the existing materials recovery-recycling building to the new composting building." (Section 2.5.b., page 14) Please provide construction details for the conveyor systems. Please explain how the leachate will be controlled in the fluff conveying system. The details provided indicate that the fluff conveyor is covered but does not indicate that it is water-tight.

10. The information submitted states, "The County can utilize all available County equipment and personnel in the event of an emergency, such as fire or equipment failure." (Section 2.5.c., page 14) Please provide contingency waste handling procedures in the event that all of the composting pads are full or in the event that the processing equipment (shredder, conveyors, SCARAB, screen) are out of service for an extended period of time. Please describe contingency equipment and availability.

11. The information submitted states, "...bins are provided for storage of [hazardous waste] items until proper disposal is accomplished." (Section 2.5.d., page 14) Please indicate the location of these bins on a plan sheet. Please describe the type of items which are typically encountered, specify the maximum time that (or quantity of) these materials will be stored, and provide handling and notification procedures for these materials. Please be advised that only household hazardous wastes shall be accepted at the facility.

12. The information submitted states, "The [leachate] sump will be pumped into the existing leachate storage impoundment." (Section 2.5.h., page 17) Please specify the minimum frequency for removing the leachate from the sump.

13. The information submitted states, "Leachate will be recirculated through the existing leachate treatment system and will be evaporated and used in the process of composting. No excess leachate volume is anticipated." (Section 2.6, page 17) Please provide a water balance and calculations indicating rainfall, the quantity of leachate generated, stored, evaporated and expected to be utilized in the composting operation.

14. Please address the following comments on information provided in **Section 3.0, Detailed Operational Plan for New Facilities:**

a. The information submitted states, "After being processed through the materials recovery facility, the fluff will fall onto a covered belt conveyor which will transport the fluff to the covered compost pad building." (page 18) Please provide litter control methods for the area between the material recovery building and the new composting building.

**(Comment #14 cont'd)**

b. The information submitted states, "Once inside the building, the fluff will continue on a belt conveyor and will be unloaded in a single hand-operated belt plow at one of two unloading stations." (page 18) Please provide construction details of the conveyors, unloading stations and belt plow.

c. The information submitted states, "The unloaded material will be moved via a front-end loader to a pile as the windrow is being built." (page 18) Please explain how long (i.e., how many days) it takes to build one row.

d. The information submitted states, "As decomposition occurs, windrows may be combined to allow for new windrows to be built." (page 19) Please explain how records on the age of each row are maintained if rows are combined. Please clarify if windrows from the uncovered pads will be combined with windrows in the composting building.

e. The information submitted states, "After the compost has matured, it will be placed in a hopper at the center of the composting building via a front-end loader. The hopper will feed a bucket elevator which lifts the composted material to an elevated belt conveyor." (page 19) Please provide construction details on the conveyor and bucket elevator.

f. The information submitted states, "...a belt conveyor will transport the composted material to the hopper on the screen." (page 19) Please provide construction details for the conveyor and screen system.

g. The information submitted states, "The compost will be placed in piles while testing is performed to determine the compost type classification. Residuals will be loaded onto trucks in the loading pit and hauled to an FDEP approved disposal facility. Once compost type is attained, the compost will be loaded into trucks via the loading pit and removed from the facility." (page 19) Please show the location and maximum size of the temporary storage piles in the finishing building, and specify the maximum storage time. Please provide operational procedures for the truck loading system. Will the finished compost be pushed into the pit, or scooped up by a front-end loader? How often will the pit be cleaned? Since the north and south walls are partially open, how will liquids be diverted away from the pit? Since the loading pit will be used for residuals and finished compost, what is the proposed disposition of materials which accumulate in the pit during truck loading?

15. The Compost Facility Data Form indicates that the waste processed per operational day is 60 tons per day (item #11) and the maximum processing rate is 25 tons per hour (item #12). For an 8 hour day, this equates to 200 tons per day. Other information indicates that the processing rate is 100 tons per day (Engineering Report, pages 5 and 7). Please clarify the processing rate and hours operated for the facility.

16. The site plan submitted in Appendix C, existing site conditions, does not appear to include the most current site conditions. The pumps and manholes in the "Existing Class I Landfill Cell" and other "Leachate Collection Ponds" are not shown. Since several details from Sheets SD-1 and SD-2 are noted, please provide a copy of Sheets SD-1 and SD-2 for reference.

17. Please address the following comments on information provided in **Appendix D, Subsurface Exploration at South 40 Acre Parcel**:

a. Please explain if the information submitted in this section is intended to provide construction specifications for the earthwork, paving, etc. (pages 6-9). The information is "recommended site preparation", and does not seem to be comprehensive construction specifications.

b. The information submitted concerning sinkholes states, "no soil conditions indicative of sinkhole activity were encountered." (page 9) Please provide a listing of any reported sinkholes in the section, township, range of the existing and proposed facilities.

c. The boring location plan submitted indicates that some slopes will be cut to provide the proper grades. However, the legend on this plan does not clearly show a difference between "Areas to be left undisturbed" and "Areas of Cut". Please review this plan sheet and revise the legend or plan sheet to more clearly reflect the "Areas of Cut".

d. Please explain the "Zone of Little or no Bearing" shown between elevations +39 and +43 NGVD in Boring No. 3. Since this zone is located below the apparent water table in this boring, is this zone indicative of karst formations or groundwater conduits?

18. Please provide manufacturer's specification sheets for the 20 foot SCARAB as indicated on Purchase Order No. 17560, in Appendix E.

#### **PLAN SHEETS:**

1. **Sheet 3 of 13.** Please provide additional details on the proposed recycling drop-off area.

2. **Sheet 4 of 13.** The details shown do not include dimensions or elevations. Please provide dimensions and elevations for the buildings (e.g., overall, sidewalls, etc.) and details of associated systems such as conveyors, bucket elevator, roof vents, etc.

3. **Sheet 5 of 13.** Please explain the purpose for the 63+ foot height and the 4:12 (1V:3H) roof slopes on the composting building. Why does the composting building require 4:12 roof and the finishing building requires only a 1:12 roof pitch? Are the 57+ foot bays adequate for the 20 foot SCARAB to turn at the ends of each row?

4. **Sheet 6 of 13.**

a. Please provide additional details on the leachate spray system, and the potable water system which will be used to spray the compost windrows. The leachate drainage line is shown, but the leachate supply to the spray system is not indicated.

b. Please clarify if the 4 foot diameter wetwell is the Lift Station Detail on Sheet 12 of 13. The lift station detail on Sheet 12 of 13 indicates a 36 inch diameter tank instead of 48 inch diameter.

c. Please provide additional details on the bucket elevator and overhead conveyor system. Does the bucket elevator extend into a pit? If so, how will liquids be prevented from entering the pit? How often will the pit be cleaned?

5. **Sheet 7 of 13.** Since numerous columns exist within the composting area in the building, please describe the measures to be taken to protect the building columns from damage caused by the composting equipment, (e.g. SCARAB, front-end loader, etc). Please explain how the SCARAB will maneuver within the building, particularly at the ends of rows.

6. **Sheet 8 of 13.**

a. Detail B. Please specify the finished grade and the depth below finished grade for the 2" HDPE pipe.

b. Detail C. Please provide a reference to the trough detail on Sheet 11 of 13 for the trough T-1. Since stormwater will enter the trough, where will it discharge? How often will litter and other debris be removed from the trough?

c. Please provide manufacturer's specifications and design calculations on the pump required to pump leachate to the composting building from the existing leachate ponds.

7. **Sheet 9 of 13.** Please explain the purpose of the 6" potable water line which enters the south side of the composting building. Please provide details on the potable water system within the building.

8. **Sheet 10 of 13.**

a. Please clarify if the "sanitary force main" is the leachate force main or is a sanitary line for the office and restroom facilities.

b. Note #5.C. states, "Install pipe to indicated elevation to within tolerance of (1) one inch." Elevations for pipes do not appear to be provided on the plans. Please provide construction details for all piping systems.

c. Please explain where "reclaimed water" will be used in the project. Please provide details of the "reclaimed water" system.

9. **Sheet 11 of 13.** Please provide dimensions on the "Typical Conveyor Section Outside Building".

10. **Sheet 12 of 13.**

a. Please provide the location of the "Pipe Support Blocks", handrail, and "Lift Station" details on the floor plan or site plan. These details do not appear to be specifically referenced on other plan sheets.

b. Please specify the float switch settings for the lift station, and provide manufacturer's specifications for the pumps.

11. **Sheet 13 of 13.**

a. Please indicate the location of the "Hose Bibb Assemble", "Downspout Detail", and "Ditch Bottom Inlets" details on a site plan or floor plan.

b. Please clarify if the "Hose Bibb Assemble" is the same as "Detail C" on Sheet 8 of 13. Please clarify the perspective on these details, and the location on the floor plan. The "Hose Bibb Assemble" detail indicates that the distance to the Z-girt is 16 inches. Should this be 16 feet?

**The following comments are for information only, at this time, and do not require an immediate response:**

1. Please be advised that the Department requires construction plans and specifications for review. "Preliminary", "Bidding" or "Permit" plans are not acceptable. It appears that construction details on some systems were not provided to the Department for review. Construction specifications do not appear to have been provided for all construction activities in the proposed project.



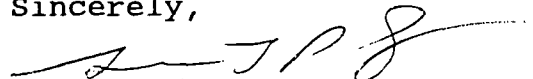
2. Please provide a copy of the SWFWMD permit for the project upon issuance.

"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 complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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."

The Department appreciates the County's efforts to comply with the conditions of Consent Order #94-3559. The Department will continue to work with the County to expedite the permitting process and achieve the goals set forth in the Consent Order.

You are requested to submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,



Susan J. Pelz, E. I  
Solid Waste Section  
Division of Waste Management

sjp

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.  
Leesburg, FL 34748  
Jake Varn, Esq., Carlton, Fields, Ward, Emmanuel, Smith & Cutler, P.A.,  
PO Drawer 190, Tallahassee, FL 32302  
Richard D. Garrity, Ph.D., Director of District Management,  
FDEP Southwest District  
William Kutash, Waste Program Administrator, FDEP Tampa  
Robert Butera, P.E., FDEP-Solid Waste, Tampa  
Steve Morgan, FDEP-Solid Waste, Tampa  
Milton Martinez, FDEP-Potable Water, Tampa



**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

**RECEIVED**  
JAN 03 1995

Department of Environmental Protection,  
BY SOUTHWEST DISTRICT

727 South 14th Street  
Leesburg, Florida 34748

Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

December 30, 1994

Ms. Susan J. Pelz, E.I.  
Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Sumter County Compost Facility Expansion

Dear Ms. Pelz:

Springstead Engineering, Inc. has received your letter of December 22, 1994 in reference to Sumter County's submittal for modification of the facility. You stated that the Department had received the plans for the proposed facility but had not received several other items which were to be a part of the submittal.

As discussed in a telephone conversation with you on December 30, 1994, submittals were made for two items on December 16, 1994, the composting modification package (plans and application) and a dry-line permit potable water system package (plans and application) for the facility. Based on our telephone conversation, the packaging of the two applications were mixed-up and you received only the plans for the composting modification while the Drinking Water Section received the remainder of the plans and applications submitted.

It is our understanding that the applications and plans for each section have been put together correctly at this time and that the information submitted is sufficient for the Department's review. We are trying to work with the Department to make this project work smoothly and anticipate a comparable facility upon completion of the proposed improvements.

If you should have any questions or comments please contact this office.

Very truly yours,  
Springstead Engineering, Inc.

David W. Springstead, P.E.  
Engineer

cc: Garry Breeden - Sumter County Public Works  
Jake Varn, Esq. - Carlton, Fields, Ward, Emmanuel, Smith & Cutler, P.A.  
Richard D. Garrity, PhD. - Director, FDEP Southwest District  
William Kutash - FDEP Southwest District  
Robert Butera, P.E. - FDEP Southwest District  
Steve Morgan - FDEP Southwest District

Susan

SOUTHWEST DISTRICT  
CONVERSATION RECORD

Date \_\_\_\_\_

Subject \_\_\_\_\_

Time \_\_\_\_\_

Permit No. \_\_\_\_\_

County \_\_\_\_\_

M Milton

Telephone No. R 315

Representing FOEP - Drinking Water Section

☐ Phone Me ☐ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Sumter Co - Composting Facility Additions  
Permit dated 12/16

He got a copy of this permit application --  
do you need it?

Alison  
12:45

(continue on another  
sheet, if necessary)

Signature \_\_\_\_\_

Title \_\_\_\_\_

SOUTHWEST DISTRICT  
CONVERSATION RECORD

Date 12/22/94  
Time 1151

Subject expansion

Permit No. \_\_\_\_\_

County Sumter

M Gary Breeden

Telephone No. 904-793-0240

Representing Sumter Co

904-793-0247

[ ] Phone Me ☒ Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

- Information received on Dec 16<sup>th</sup> consists of 9 sets of drawings - no narrative and no fee -

- (left message - they will be out of office until after the 1<sup>st</sup>)

(continue on another  
sheet, if necessary)

Signature \_\_\_\_\_

Title \_\_\_\_\_

# Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748



Lake (904) 787-1414  
Sumter (904) 793-3639  
Fax (904) 787-7221

TO Dr. Richard Garrity, Director  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8218

DATE 12/16/94 JOB NO. 921100.003  
ATTENTION Mr. Garrity  
RE Permit Application to Construct  
Composting Facility

## GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ under separate cover via \_\_\_\_\_ the following items:  
☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile  
☐ Copy of letter ☐ Change order ☐ \_\_\_\_\_

Copies	Date	No.	Description
6			Application for Permit to Operate Composting Facility Additions Sumter County Solid Waste Management Facility, Sumter County, Florida
6			Sets of accompanying plans.

**RECEIVED**  
DEC 16 1994

Department of Environmental Protection  
SOUTHWEST DISTRICT

BY \_\_\_\_\_

## THESE ARE TRANSMITTED as checked below:

- ☒ For approval ☐ Approved as submitted ☐ Approved for payment  
☐ For your use ☐ Approved as noted ☐ Resubmit \_\_\_\_\_ copies for approval  
☐ As requested ☐ Returned for corrections  
☐ For review and comment ☐ \_\_\_\_\_  
☐ Material and/or prints returned after loan to us

## REMARKS

COPY TO Sumter County Public Works  
SEI File

SIGNED: \_\_\_\_\_

David W. Springstead, P.E.

Member of American Consulting Engineers Council



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Mr. Garry Breeden, Director  
Sumter County Department of Public Works  
222 East Mc Cullum Ave.  
Bushnell, FL 33513

December 22, 1994

RE: Sumter County Composting Facility Expansion

Dear Mr. Breeden:

This letter is to acknowledge receipt of information for the proposed Sumter County Solid Waste Management Facility Expansion, received by the Department on December 16, 1994. The Department appreciates the County's efforts to comply with the pending Consent Agreement. The Department has received drawings (9 sets) for the proposed facility, but has not received a letter of transmittal, a narrative describing the operation of the facility (operations plan), leachate management plan, leachate water balance, the processing fee (\$5,000 for construction of a solid waste composting facility), or other information as discussed in the Department's September 26, 1994 meeting with the County.

The Department is willing to work with the County to expedite the permit application review process, but the information previously submitted is insufficient for review. Please provide additional information to the Department for review. The review process cannot begin until the processing fee and letter of transmittal have been submitted (at a minimum).

If you have any questions, you may contact me at (813) 744-6100 ext. 386, Robert Butera, P.E. at ext. 451, or Steve Morgan at ext. 385.

Sincerely,

Susan J. Pelz, E.I.  
Solid Waste Section  
Division of Waste Management

sjp

cc: Jake Varn, Esq., Carlton, Fields, Ward, Emmanuel, Smith & Cutler, P.A.,  
PO Drawer 190, Tallahassee, FL 32302  
John Springstead, P.E., Springstead Engineering, 727 South 14th Street,  
Leesburg, FL 34748  
Richard D. Garrity, Ph.D., Director of District Management,  
FDEP Southwest District  
William Kutash, Waste Program Administrator, FDEP Tampa  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, FDEP Tampa

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*