



# Department of Environmental Protection

Lawton Chiles

Governor

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

DEC - 3 1997

## NOTICE OF PERMIT

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

RE: Modification number **126940-003-SO** to existing construction  
Permit No. **SC60-298996**, Sumter County  
Sumter County Digester

Dear Mr. Breeden:

Attached is modified permit number **SC60-298996**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number **126940-003-SO**:

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
#2.	Existing	Amended	Permit documentation to include Certification and Record Documents
#3.	Existing	Amended	Allows operation
#22.	Existing	Amended	Compost Rule revisions incorporated by reference
#7.b., 9.a.	Existing	Amended	Correct typographical error

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.

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

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.

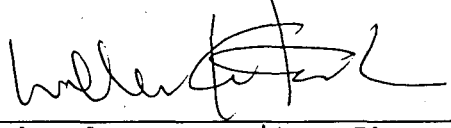
This modified permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms 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

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

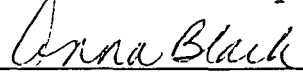
RDG/sjp  
Attachment

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 DEC - 3 1997 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

DEC - 3 1997  
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  
319 E. Anderson Ave.  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: SC60-298996  
Date of Issue: 08/29/97  
Expiration Date: 06/01/2001  
County: Sumter  
Lat/Long: 28°44'30"  
82°05'20"  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Composting Facility-  
Digester

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. 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 an expansion to the existing Composting Facility, referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 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. Composting Facility - Digester

Replaces applicable conditions of Permit Number: N/A, new

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.

**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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

- (a) All reports or information required by the Department shall be certified as being true, accurate and complete.
- (b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.
  - 1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
  - 2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.
- (d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

**GENERAL CONDITIONS:**

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.
2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the digester system and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Application for a Permit to Construct a Solid Waste Digester for the Production of Compost at the Sumter County Solid Waste Management Facility, dated December 24, 1996;

b. Request for Additional Information Composting Facility Expansion- Digester, dated February 17, 1997 (received February 18, 1997);

c. Additional information received February 24, 1997;

d. Bedminster Digester System Operation and Maintenance Manual, dated January 13, 1997 (received February 24, 1997);

e. Request for Additional Information Composting Facility Expansion- Digester, (including drawings) dated April 14, 1997;

f. Additional information dated May 6, 1997 (received May 7, 1997);

g. Plan Sheets titled, Sumter County Solid Waste Management Facility MSW Compost Digester, signed and sealed December 24, 1996, including the following revised sheets:

- 1) Sheet 5 of 5 received, February 18, 1997;
- 2) Sheet SUM EL01 received February 18, 1997;

h. Record Drawings Sheets 1, 2, 3, 4, and 5 of 5, received August 14, 1997;

i. Certification of Construction Completion dated October 29, 1997 (received October 30, 1997) including Record Drawings received October 30, 1997:

- 1) Digester Location Plan, Sheet 2 of 6
- 2) SUM-EL01 Digester Plan and Elevation
- 3) SUM-BF01 Biofilter General Arrangement, and
- 4) SUM-BF02 Biofilter Plan and Sections;



**SPECIFIC CONDITIONS:**

(Specific Condition #2 cont'd)

j. and in accordance with all applicable requirements of Department rules  
Amended DEC - 3 1997.

**3. Permit Modifications.**

a. This permit is valid for the construction and operation of the digester system and related appurtenances (e.g. biofilter and scrubber). 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 DEC - 3 1997.

b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.

c. This permit does not authorize the construction of a future "finishing" building. The construction of this facility may require a separate permit.

d. 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.

**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.

**SPECIFIC CONDITIONS:**

(Specific Condition #5 cont'd)

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 62-701.300, F.A.C., shall not be violated.

7. **Facility Operation Requirements.**

a. Except for "start-up" and "shake-down testing," material shall not be processed in the digester system prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

b. The permittee shall operate this facility in accordance with Chapter 62-709, F.A.C.; the information and drawings as listed in Specific Condition #2 above; the Operations and Maintenance Manual listed in Specific Condition #2.d. above; and any other applicable requirements.

Amended DEC - 3 1997.

c. Litter shall be collected at least once daily.

d. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall be removed to an appropriate off-site disposal facility.

e. All compost additives (e.g. biosolids, domestic waste residuals/sludge, animal manure, urea, lime, etc.) shall be stored in covered containers or under roof in areas with leachate collection. Additives shall not be stored for greater than **ninety (90) days**. Additives shall be managed and stored in a manner which prevents odor or vector problems.

f. All processed and unprocessed materials shall be unloaded inside the building or into trucks or containers on paved areas. Spillage inside the building from the loading, unloading or sampling activities may be cleaned up at the end of each business day. Spillage in areas outside the building shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations).

**SPECIFIC CONDITIONS:**

(Specific Condition #7, cont'd)

g. Leakage of fuels, oil, grease, other lubricants or fluids, from the digester equipment which is discharged to soils outside the building, or leachate collection system, shall be cleaned up **immediately** upon discovery (prior to continuing with other facility operations) and stored in a covered container for off-site disposal.

h. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

i. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

j. In order to minimize the potential for explosions and fires, explosive items (e.g. fireworks, ammunition, some aerosol cans) shall be removed from the waste stream prior to processing in the digester unit.

k. Finished compost materials shall be sampled and analyzed in accordance with 62-709.530, F.A.C.

**8. Scrubber and Biofilter.**

a. A copy of a permit issued by the Department's Air Resources Section, or documentation that no permit is required, for the digester system shall be submitted to the Solid Waste Section within 30 days of receipt.

b. At a minimum, the biofilter media shall be regenerated or replaced, **annually, by June 15th each year**, unless the permittee provides documentation to the Department which demonstrates that the biofilter efficiency has not significantly decreased for the previous year.

c. The temperature of the air flow to the biofilter, the back pressure to the biofilter, and the biofilter bed depth shall be monitored to evaluate the efficiency of the unit.

d. Liquids which discharge from the scrubber shall be recirculated into the digester system, discharged to the leachate management system at the site, or removed for off-site disposal at a permitted wastewater treatment facility.

**SPECIFIC CONDITIONS:**

(Specific Condition #8, cont'd)

e. Liquids which discharge from the scrubber shall be sampled and analyzed to adequately demonstrate that the liquids are not a hazardous waste, and to monitor the effectiveness of the scrubber unit. The quality of the air flow to the scrubber and out of the scrubber shall be monitored to allow for the evaluation of the effectiveness of the scrubber unit.

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

a. A copy of the Department-approved permit, Operation and Maintenance Manual required by Specific Condition #2.d. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

Amended BEC - 3 1997.

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 March 15th each year.

**10. Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows on the composting pads, the quantity of finished compost produced, and the length of time required to finish the compost.

d. The following information shall be recorded daily, compiled monthly, and submitted to the Department quarterly:

1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester.

2) The quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.

3) Moisture content and temperature of each compartment of the digester unit.

**SPECIFIC CONDITIONS:**

(Specific Condition #10.d., cont'd)

- 4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department **quarterly**:

- 1) Analytical results for:
  - a) Scrubber discharge water;
  - b) Scrubber air discharge; and
  - c) Finished compost.
- 2) Average residence time for material in the digester each month.
- 3) Quantity of finished compost.

f. Reporting required by Specific Conditions #10.d and e., above, shall be in accordance with the following schedule:

- 1) Activity from June 1st through August 31st, report due September 15th;
- 2) Activity from September 1st through November 30th, report due December 15th;
- 3) Activity from December 1st through February 28th, report due March 15th; and
- 4) Activity from March 1st through May 31st, report due June 15th.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #10.f. above.

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 or leachate management system. Floors shall be free of standing liquids.

**SPECIFIC CONDITIONS:**

(Specific Condition #12, cont'd)

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system at any time.

c. 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.

d. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease no later than December 31, 1998.

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. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

14. **Financial Assurance.** The owner or operator shall provide financial assurance for this solid waste management facility. Since the digester facility is an integral part of the materials recovery facility (MRF) located at the site, the costs for loading, transportation and disposal of the maximum quantity of feedstock which may be at the facility at any time may be included with the financial assurance cost estimates for the MRF.

a. 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**. Proof that the financial mechanism has been funded adequately shall be submitted **annually**.

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.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, 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:

- 1) Damage to any portion of the site facilities;
- 2) Failure of any portion of the associated systems;
- 3) Emergency incidents such as fires or explosions;
- 4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. 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 Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

**18. Fire Safety.**

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.

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

PERMIT NO.: SC60-298996  
Composting Facility-Digester

**SPECIFIC CONDITIONS:**

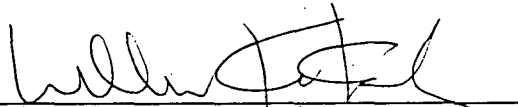
21. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for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

22. **Regulations.** Chapter 62-709, F.A.C. (effective 12-17-96), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

Amended DEC - 3 1997.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

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



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 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by June 15th each year	Regenerate biofilter media
9.b.	Annually, by March 15th each year	Revised Operations Plan
10.d., 10.e., 10.f.	Quarterly, by September 15th, December 15th, March 15th, and June 15th	Waste quantity reports, analytical results
12.d.	December 31, 1998	Cease use of leachate impoundments
13.	180 days prior to date of final material acceptance	Closure notification
14.a.	Annually, by June 30th	Revised financial assurance cost estimates
14.a.	Annually	Proof that financial mechanism is adequately funded
16.b.	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

perMits	Events	F nent	Site	party	Reports	Help	eXit
Permitting Application							
SITE Permit							
Site Name: SUMTER CO. VOLUME REDUCTION FACILITY (COF)						Site #: 0126940	
County: SUMTER		Comments: N RPAs: N # Cases: 0					
Project							
Permit #:0126940-003-SO Project #: 003 Logged:31-OCT-1997 CRA #:							
Permit Office: SWD (DISTRICT)				Agency Action: Issued			
Project Name: <b>DIGESTER OPERATION MOD</b>				Desc: <i>Mod to SC60-298896</i>			
Type/Sub/Des: <b>SO /MM MINOR MODIFICATION</b>				COE #:			
Received: <b>30-OCT-1997</b>		Issued: 03-DEC-1997		Expires: <b>01-JUN-2001</b>			
Fee: <b>0.00</b>		Fee Recd:		Dele:		Override: <b>SMALL CO. WAIV</b>	
Related Party							
Role: APPLICANT		Begin: 31-OCT-1997		End:			
Name: BREEDEN, GARRY		Company: SUMTER CO PUBLIC WORKS					
Addr: 319 E ANDERSON AVE, SUITE B							
City: BUSHNELL		State: FL		Zip: 33513-		Country: U.S.A.	
Phone: 352-793-0240		Fax:					
Processors							
Processor: PELZ_S				Y Active: 31-OCT-1997 Inactive:			
Enter Project Name.							
Count: *1						<Replace>	

Help	Reports	eXit				
Permitting Application						
Events Scheduled <b>56 of 90</b>						
Site #: 0126940 Name: SUMTER CO. VOLUME REDUCTION FACILITY (COF)						
Permit #: 0126940-003-SO Type/Subtype: SO /MM Received: 30-OCT-1997						
Project #: 003 Name: DIGESTER OPERATION MOD						
> ISSUE PERMIT: Done						
Event	Begin Date	Prd	Due Date	Rmn	Status	End Date
Receive Request	30-OCT-1997	1	31-OCT-1997		Done	30-OCT-1997
Fee Verification	30-OCT-1997	2	01-NOV-1997		Sufficient	30-OCT-1997
Completeness Revie	30-OCT-1997	30	29-NOV-1997		Complete	30-OCT-1997
Determine Agency	30-OCT-1997	90	28-JAN-1998		Issue	03-DEC-1997
Issue Final Perm	03-DEC-1997	14	17-DEC-1997		Issued	03-DEC-1997
<b>ISSUE PERMIT</b>	03-DEC-1997	1	04-DEC-1997		Done	<b>03-DEC-1997</b>
STOP CLOCK	03-DEC-1997	1	04-DEC-1997		Done	03-DEC-1997
Count: *7						
						<List><Replace>

## APPLICATION TRACKING SYSTEM

12/27/96

APPL NO:298996

APPL RECVD:12/24/96 TYPE CODE:SC SUBCODE:13

LAST UPDATE:12/27/96

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_ APPLICATION COMPLETE:05/07/97

DER PROCESSOR:SWP PELZ 8-29-97

APPL STATUS:AS DATE:12/24/96 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

75 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?

CODE #:\_\_\_

(Y/N) Y LETTER OF INTENT REQD? (1/ISSUE D/DENY)

ALT#:\_\_\_

PROJECT SOURCE NAME:SUMTER CO SOLID WASTE MNGT FAC

STREET:835 CR 529

CITY:SUNTERVILLE

STATE:FL

ZIP:\_\_\_

PHONE:\_\_\_

APPLICATION NAME:SUMTER CO DEPT OF PUBLIC WORKS

STREET:319 E ANDERSON AVE

CITY:BUSHNELL

STATE:FL

ZIP:33513

PHONE:352-793-0240

AGENT NAME:SPRINGFIELD ENGINEERING INC

STREET:727 S 14TH ST

CITY:LEESBURG

STATE:FL

ZIP:34748

PHONE:352-787-1414

FEE #1 DATE PAID:12/24/96 AMOUNT PAID:00100 RECEIPT NUMBER:00115542

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE	- - -	1/1/97
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT	- - -	1/1/97
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP.	- - -	1/1/97
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	01/22/97--02/24/97
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	03/24/97--04/14/97
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	04/29/97--05/07/97
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	1/1/97
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	1/1/97
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	1/1/97
F DATE LAST 45 DAY LETTER WAS SENT	- - -	1/1/97
G DATE FIELD REPORT WAS REQ--REC	- - -	1/1/97
H DATE DNR REVIEW WAS COMPLETED	- - -	1/1/97
I DATE APPLICATION WAS COMPLETE	- - -	05/07/97
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS	- - -	1/1/97
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT	- - -	07/18/97--07/21/97
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT	- - -	07/18/97
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED	- - -	08/07/97
N WAIVER DATE BEGIN--END (DAY 90)	- - -	1/1/97

COMMENTS:

Active on 8/21/97 = day 74

AREA: SWD\_\_\_\_\_

Cash Receiving Application  
Collection Point Log Remittance

CRAF006A

Tot: \_\_\_\_\_\$100.00

SY\$REMT: 147096\_\_ Type: CP\_\_ Recvd Date: 24-DEC-1996 Status: RECEIVED  
SY\$RCPT: 115542\_\_ PNR: \_\_\_\_\_ Check #: 20813 Amount: \_\_\_\_\_100.00  
SSN/FEI#: \_\_\_\_\_ Name: SPRINGSTEAD ENGINEERING, INC.\_  
First: \_\_\_\_\_ Middle: \_\_\_\_\_ Title: \_\_\_\_\_ Suf: \_\_\_\_\_  
Address1: 727\_SOUTH\_14TH\_ST. \_\_\_\_\_ Short Comments:  
Address2: \_\_\_\_\_ L-SUMTER\_CO\_SOL\_WST\_FACIL  
City: LEESBURG\_\_\_\_\_ ST: FL Zip: 34748-\_\_\_\_\_ Country: \_\_\_\_\_

## -----&gt; P A Y M E N T (S) &lt;-----

	Distr							S
	CL	Object		Payment		Applic/		T
SY\$PAYT	Area..	Code/Description.....	Amount.....	Reference#		Fund		A
151303__	SWD__	002245 SOLID_WASTE-OPE	\$100.00	SO60298996		PFTF__		CO
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

COMMIT FREQUENTLY

\$100.00 Payment total

Press &lt;TAB&gt; to accept Collection Point or enter F&amp;A. \_\_\_\_\_

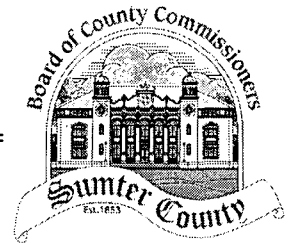
Count: \*1

&lt;Replace&gt;

# SUMTER COUNTY SOLID WASTE

SUMTER COUNTY, FLORIDA

PO Box 1066 • Bushnell, FL 33513 • Phone (352) 793-3368 • Fax (352) 568-0166 • [www.scpw.org](http://www.scpw.org)

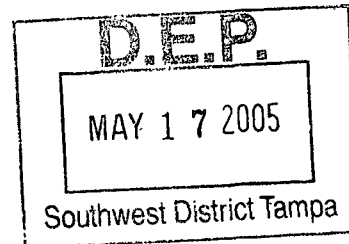


5-12-05

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

Dear Ms. Pelz:

*5/20/05*



Please accept this as our report for regeneration of the bio-filter.

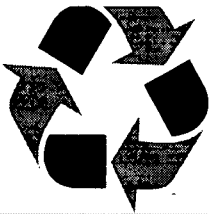
The regeneration was completed on May 11, 2005 as per FDEP Permit #SC60-298996, Specific Condition 8B.

If you have any questions, please feel free to contact me.

Respectfully,

Chuck Jett  
Solid Waste Superintendent

CJ/ct

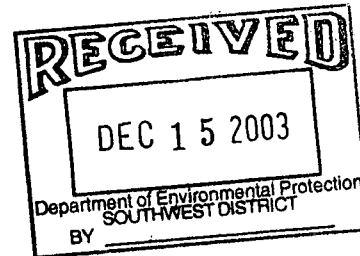


CR  
SM 12/7/03

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

## Sumter County Solid Waste

December 12, 2003



Ms. Susan Pelz, P. E.  
Dept. of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619

Dear Ms. Pelz:

As you are already aware, our digester at the Solid Waste facility is currently inoperable. Maintenance and repair procedures are underway; unfortunately this inoperable period has also created another problem.

Due to the fact that we have several generators that regularly haul sludge to our facility for use in our composting process, and the apparent downtime involved before bringing our current digester or our new digester on line, we have had to come up with a solution to our sludge storage. As of December 11, 2003 we have entered into a contract with Shelley's Septic Tanks, Inc. d/b/a Shelley's Environmental Systems in Zellwood, Florida to haul excess sludge out of our facility. Enclosed, you will find a copy of this contract.

We are anticipating regular operations to resume by mid January. Thank you in advance for your understanding and cooperation.

Respectfully,

Chuck Jett,  
Solid Waste Superintendent

CJ/sc

Cc: Garry Breedon  
Denise Warnock

*Chuck Jett, Solid Waste Superintendent*



# Shelley's Environmental Systems

P. O. Box 249, Zellwood, Florida 32798-0249

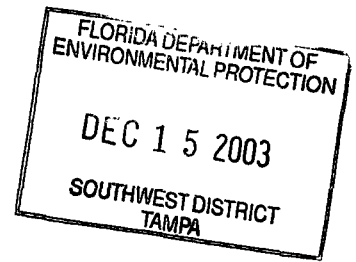
Orange County (407) 889-8042

Lake County (352) 383-5775

Seminole County (407) 330-4982

Sumter County (352) 793-8484

Fax (407) 889-4408



## **CONTRACT** HAULING, TREATMENT AND LAND APPLICATION OF DOMESTIC WASTEWATER RESIDUALS

This "CONTRACT" for Hauling, Treatment and Land Application of Domestic Wastewater Residuals ("CONTRACT") is made and entered into this 11<sup>TH</sup> day of **DECEMBER 2003**, by and between Shelley's Septic Tanks, Inc. d/b/a/ Shelley's Environmental Systems, P.O. Box 249, Zellwood, Florida 32798-0249, hereinafter referred to as "SES" and **SUMTER COUNTY SOLID WASTE**, hereinafter referred to as the "GENERATOR".

WHEREAS, SES is the owner and operator of a Residuals Management Facilities ("RMF"), and said RMF has been approved and is operating under Florida Department of Environmental Protection ("FDEP") permits, and

Whereas, the GENERATOR owns and operates a ~~Wastewater Treatment Facility~~ <sup>SOLID WASTE COMPOSTING</sup> (WWTF), located at **835 C.R. 529, LAKE PANASOFFKEE, FL. 33538, SUMTER COUNTY**, and has a need to treat and/or land apply residuals generated at the WWTF by the GENERATOR, and

Whereas, SES is responsible for maintenance and operations of an RMF in compliance with 40 CFR Part 503, Chapter 62-640, F.A.C., FDEP Permit #FLA016177, and to the full extent of all rules and regulations applicable by federal, state and local governing bodies, all of which as may be amended from time to time, and

Whereas, as a condition precedent to obtaining a valid operating permit for the RMF, FDEP requires SES to file Agricultural Use Plans whereby SES certifies that their residuals shall be applied only on sites for which an Agricultural Use Plan has been approved by the FDEP.

Now therefore, and in consideration of the mutual terms, covenants and conditions to be complied with on the part of the respective parties hereto, it is agreed as follows:

1. The following SES FDEP permit (the "SES Permit"), as may be amended from time to time, are incorporated herein and made a part hereof by reference:
  - FLA 016177 (Shelley's RMF)
2. By and through the SES Permit, SES has a total capacity of 0.500 million Gallons per day ("MGD") available for residuals treatment.
3. Nothing in this CONTRACT shall supersede or take precedence over the obligations and responsibilities of each party to operate and maintain their facilities in compliance with all applicable rules and regulations.
4. The GENERATOR hereby covenants and agrees:
  - A. To provide a chemical analysis of the wastewater residuals proposed to be land applied as treated residuals prior to the initial hauling of the residuals, and to provide updated and additional residuals analyses in compliance with the frequency and schedule stated in the GENERATOR's WWTF permit, Chapter 62-640, F.A.C., and other applicable rules of the State of Florida.
  - B. To pay a fee designated in this CONTRACT for transport, treatment and/or land application (the "Residuals Fee").
  - C. To make available, residuals that meet all chemical criteria as stated in 40 CFR part 503, 62-640, F.A.C., and any other applicable rules and regulations of federal, state or local governing bodies.
  - D. To make application (including payment of associated fees) to the FDEP for any modifications to GENERATOR's permit, that may be required with the initiation of this CONTRACT.
  - E. To save and hold harmless SES from any actions and/or penalties associated with the conditions and requirements of the GENERATOR's permit or other federal, state and local rules and regulations, except to the extent that such responsibilities are undertaken by SES as specifically stated under this CONTRACT.
  - F. Provide SES with a certified manifest of the residuals being delivered.


Furthermore, the GENERATOR warrants that the residuals delivered to SES shall not contain any raw sewage, hazardous, toxic, industrial or radioactive waste or substances as prohibited by applicable rules and regulation of federal, state or local governing bodies.

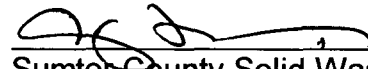
5. SES hereby covenants and agrees:
  - A. To maintain, monitor and operate their residuals application sites in accordance with 40 CFR Part 503, 62-640, F.A.C. and any other applicable federal, state and local laws, permits or regulations.



- B. To maintain and operate their RMF in accordance with 40 CFR Part 503, 62-640, F.A.C. and any other applicable federal, state and local laws, permits or regulations.
  - C. To accept all responsibility and save and hold harmless GENERATOR for the proper treatment and/or land application of the residuals as required by 40 CFR Part 503, 62-640, F.A.C. and any other applicable federal, state and local laws, permits or regulations.
  - D. To provide for the hauling of the residuals from the GENERATOR, and for the transport to the residuals application site or to the RMF for acceptance, treatment and application as may be required. This includes the clean up of any spills or accidents as a result of the transporting of the residuals. SES shall save and hold harmless GENERATOR for all liability arising under these activities.
  - E. To maintain a record of the total quantity of residuals land applied, to file with the FDEP a summary as required by the licensing permit issued to SES and to provide the necessary Agricultural Use Plan as required by FDEP under Chapter 62-640, F.A.C.
- 
- 6. The quality of the residuals for treatment under the SES Permits, are unstabilized.
  - 7. The quality of residuals for land application under the SES Permits, are at a minimum, Class B stabilized as defined in 40 CFR Part 503 and 62-640, F.A.C.
  - 8. SES currently has the availability of capacity to handle the amount of residuals transported as described herein.
  - 9. Payment shall be made within fifteen (15) days of the invoice date.
  - 10. The initial term of this CONTRACT shall be one year (the "Initial Term"), which shall expire one year from the date of execution. Upon the expiration date, and each subsequent anniversary thereof, the CONTRACT will automatically renew for an additional one year term unless either party gives written notice of cancellation by Certified Mail no less than thirty (30) days prior to the expiration date of the then current term.
  - 11. In the event it should become necessary for either party to retain the services of an attorney to enforce any provision of this CONTRACT, both parties agree that the cost of any legal proceedings and reasonable attorney's fees, including any attorney fees and costs incurred as a result of any appellate proceedings shall be paid by the party that does not prevail.

12. Either party can terminate this CONTRACT after completion of the Initial Term, only with written notice to the other party, via Certified Mail, of no less than thirty (30) days.
13. For the purposes of this CONTRACT, fuel costs were calculated at \$1.50 per gallon (the "Threshold Price"). In the event fuel costs increase above the Threshold Price by \$0.02, and thereafter, in \$0.02 increments, a "Fuel Surcharge" will be added to the Residuals Fee. The Fuel Surcharge will be calculated by using the following formula:
- Round Trip Miles (RTM) / 5 Miles Per Gallon (MPG) x \$0.02, \$0.04, \$0.06 etc. = Fuel Surcharge Per Truck Load (FSTL)
- Example:
- $100 \text{ RTM} / 5 \text{ MPG} \times \$0.02 = \$0.40 \text{ FSTL}$
- Fuel Surcharge's will be eliminated when fuel prices fall back to the Threshold Price.
14. The Residuals Fee will be charged at the rate of **\$40.00** per dry ton. Prices are subject to change upon the completion of the Initial Term of the CONTRACT and each renewal term thereafter.

 12-11-03  
Shelley's Septic Systems, Inc. Date  
d/b/a/ Shelley's Environmental Systems  
By: J. David Shelley, Jr.  
Its: President

  
Sumter County Solid Waste Date  
By: Gary Breeden  
Its: Director Public Works

Cc: FDEP





**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

SM RB  
RB RB

727 South 14th Street  
Leesburg, Florida 34748

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

May 8, 1998

**RECEIVED**  
MAY 11 1998

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

Ms. Susan Pelz, P.E. *SP/12*  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**RE: FIRE AT SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY  
ON APRIL 30, 1998  
SEI FILE NO. 921100.008**

Dear Ms. Pelz:

Per condition No. 16 of permit No. SC60-278996, we are notifying the Department of an emergency incident consisting of a fire at the above referenced facility. The fire occurred the night of April 29, 1998 and was discovered on April 30, 1998 at approximately 6:45 a.m. The fire had burned itself out at the time of discovery. The fire incident report filed by the Lake Panasoffkee Fire Rescue is attached along with a memorandum to the County describing the events.

The solid waste material at the facility was not ignited. The machinery suffered only surficial damage and was returned to operation within twenty-four (24) hours.

Specific occurrences leading up to the fire are described below, as best as we can determine:

Sumter County was welding clips on to the discharge doors of the digester on the afternoon of April 29, 1998. The clips were to insure that the doors stayed closed during operation. As best as we can determine, sparks fell on the discharge conveyor while welding the clips. After the welding was complete, the area at the discharge end of the digester was wet down and observed to insure that no smoldering was occurring from approximately 2:00 p.m. to 6:30 p.m. At 6:30 p.m., the last person at the facility observed the area of the welding to insure that no smoke or indications of smoldering could be observed. Satisfied that there was no smoldering at the site, the facility was closed for the evening.

On the morning of April 30, 1998 at 6:45 a.m., the first employee to approach the digester radioed the office and reported that there had been a fire at the end of the digester. The fire had burned the discharge conveyor and burnt the insulation off the outside of the third compartment of the digester. Upon discovery, the fire was out but was still smoldering. The digester was still running and had not stopped during the night. The digester was immediately stopped and opened to make sure that fire had not got inside the digester and had not ignited any of the material inside of the digester. Upon inspection it was confirmed that only material on the outside, the insulation and the conveyor had burned. No material had been ignited inside the digester.

Ms. Susan J. Pelz, P.E.

May 8, 1998  
Page No. 2

The digester was shut down all day on April 30, 1998 while waiting for an insurance adjuster to arrive to assess the damage. On Friday, May 1, 1998 a representative from C&S Mechanical came to the facility to observe all of the equipment and make sure that everything was mechanically sound to operate. The verbal communication from C & S, which will be followed up by letter, was that there was no reason not to operate the digester. Mechanically everything was still sound. At 9:45 a.m. on Friday, May 1, 1998 the digester was restarted. The digester was down 24 hours before it was brought back into operation. There have not been any problems since bringing the digester back into operation. The County is waiting for the insurance adjuster to visit the site at this time. On Friday, May 1, 1998, a representative from Bedminster Bioconversion also arrived at the site to observe the fire damage. The equipment was inspected and determined that it was mechanically sound. Confirmation was given that it was o.k. to run the equipment. The material in the digester was discharged using the new conveyor and operation has continued under normal conditions since the time of the fire.

Attached are some photographs depicting the extent of the damage to the digester. The photographs were taken the day after the digester was restarted.

We are currently working with the insurance company to assess the extent of the damage to the conveyor and the insulation of the digester. Although the equipment is operating properly, it is the County's intent to replace and repair the equipment back to the condition it was prior to the fire. We do not yet have a time frame or a cost to perform the repairs or a time frame to determine how long the repairs will take. We do not anticipate that the equipment will be down for an extended period of time during these repairs. The composting process and facility operations are proceeding as normal at the facility at this time.

We hope that this information meets your needs at the present time. Should you have any questions or require additional information, please do not hesitate to contact me.

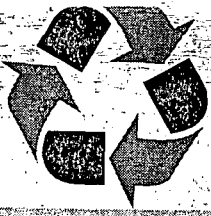
Very truly yours,  
Springstead Engineering, Inc.

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

DWS/jal

Attachments

cc: Garry Breeden  
Terry Hurst  
Denise Reynolds  
Allison Searcy



RECEIVED  
MAY 11 1998

Department of Environmental Protection  
BY SOUTHWEST DISTRICT

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

## Sumter County Solid Waste

4-30-98

Dear Sandee:

As you already know, we had a fire at the discharge end of the digester sometime last night. The last person to leave the facility yesterday, 4-29-98, was Andy Boyd. Upon questioning him, he indicated that everything looked normal when he left around 6:30 P.M.

The fire was reported to me at approximately 6:45 A.M. on 4-30-98. I went down to the digester and shut it off.

The extent of damage from the fire is still being evaluated. Cause of fire is undetermined at this time, pending a fire report from Roger Cheatam, Chief of the Lake Panasoffkee Fire Dept.

If you have any questions, please give me a call.

Sincerely,

Asst. Solid Waste Director

Terry Hurst, Assistant Solid Waste Director

# INCIDENT REPORT

## Lake Panasoffkee Fire Rescue

NFIRS-1

FDID <b>44021</b>	INCIDENT NO <b>000362</b>	EXP NO. <b>05</b>	MO <b>4</b>	DAY <b>30</b>	YR <b>98</b>	DAY OF WEEK <b>Thursday 5</b>	ALARM TIME <b>17:15</b>	ARRIVAL TIME <b>17:18</b>	IN SERVICE <b>17:35</b>
TYPE OF SITUATION FOUND <b>Refuse fire 15</b>						TYPE OF ACTION TAKEN <b>Investigation only 3</b>			MUTUAL AID <b>None</b>
FIXED PROPERTY USE <b>Fixed Prop. Use not applicable 008</b>						IGNITION FACTOR <b>Cut'g/weld'g close 35</b>			
CORRECT ADDRESS <b>835 CR 529</b>							ZIP CODE <b>33538</b>		CENSUS TRACT <b>0</b>
OCCUPANT NAME <b>Terry Hurst</b>							TELEPHONE <b>(000)000-0000</b>		ROOM OR APT.
OWNER NAME <b>Sumter Co. Landfill</b>					ADDRESS <b>PO Box 1066 Bushnell, FL 33513</b>				TELEPHONE <b>(352)793-3368</b>
METHOD OF ALARM FROM PUBLIC <b>Telephone direct to fire department 1</b>						CO. INSPECTION DIST. <b>002</b>	SHIFT <b>1</b>		NO. ALARMS <b>1</b>
NO. FIRE SERVICE PERSONNEL RESPONDING <b>1</b>			NO. ENGINES RESPONDING <b>0</b>			NO. AERIAL APPARATUS RESPONDING <b>0</b>		NO OTHER VEHICLES RESPONDING <b>1</b>	

NUMBER OF INJURIES FIRE SERVICE <b>0</b> OTHER <b>0</b>		NUMBER OF FATALITIES FIRE SERVICE <b>0</b> OTHER <b>0</b>	
--	--	--	--

COMPLEX <b>No complex 98</b>		MOBILE PROPERTY TYPE <b>Materials handl'g equipment 63</b>	
AREA OF FIRE ORIGIN <b>Service/Eq. Areas not clasfd. 69</b>		EQUIPMENT INVOLVED IN IGNITION <b>Conveyor 67</b>	
FORM OF HEAT IGNITION <b>Undetermd/nt rptd 00</b>	TYPE OF MATERIAL IGNITED <b>Tp Matl nt clsfyd 99</b>		FORM OF MATERIAL IGNITED <b>Fm nt clasfyd abv 99</b>
METHOD OF EXTINGUISHMENT <b>Self-extinguished 1</b>	LEVEL OF FIRE ORIGIN <b>Below grnd/water l 8</b>		ESTIMATED LOSS (DOLLARS ONLY)

EXTENT OF FLAME DAMAGE		EXTENT OF SMOKE DAMAGE	
DETECTOR PERFORMANCE		SPRINKLER PERFORMANCE	
IF SMOKE BEYOND ROOM OF ORIGIN	TYPE OF MATERIAL GENERATING MOST SMOKE		AVENUE OF SMOKE TRAVEL
	FORM OF MATERIAL GENERATING MOST SMOKE		

IF MOBILE PROPERTY	YEAR	MAKE	MODEL	SERIAL NO.	LICENSE NO.
IF EQUIPMENT INVOLVED IN IGNITION	YEAR	MAKE	MODEL	SERIAL NO.	

OFFICER IN CHARGE (NAME, POSITION, ASSIGNMENT) <b>Chief Roger A. Cheatham</b>	DATE <b>4/30/98</b>
MEMBER MAKING REPORT (IF DIFFERENT FROM ABOVE) <b>Chief Roger A. Cheatham</b>	DATE <b>4/30/98</b>









# Best Available Copy

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

## DISTRICT ROUTING SLIP

To: FRANCINE JOYAL / Kathy Anderson DATE: 12/17/97  
MS 4565 SW - TAL CC To

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

☐ Reply Optional ☐ Reply Required ☐ Info Only

Comments:

*Sumter Co Digester Certification*  
*Record*  
*Draw: Sum BFO1, Sum BFO2, Sheet 2 of 6*  
*Digester Location Plan*  
*Rec'd 10-30-97*

From:

*SUSAN*

Tel:

*56542-6100 X386*

EB - 0001723  
AA - 0002820  
LB - 0001723

727 South 14th Street  
Leesburg, Florida 34748

Lake (352) 787-1414  
Sumter (352) 793-3639  
Fax (352) 787-7221

**RECEIVED**  
OCT 30 1997  
Department of Environmental Protection  
BY SOUTHWEST DISTRICT

Sumter County to modify the  
posting digester.

along with the certification of  
small county waiver is

and anything else to modify

Terry Hurst  
Allison Searcy  
Denise Reynolds

(October 28, 1997 - b:pelz.o28)

*TAL*



reg 22926

# 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.  
319 E. Anderson Ave.  
Bushnell, Fl. 33513

December 2, 1997

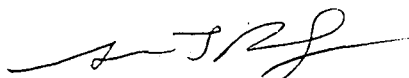
RE: Sumter County Digester  
Permit No.: SC60-298996, Sumter County  
Certification of Construction Completion-Completeness Inspection

Dear Mr. Breeden:

On September 16, 1997, 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), and Susan Pelz and Steve Morgan (FDEP).

Certification of Construction Completion dated October 29, 1997 (received October 30, 1997), Record Drawings Sheets 1 through 5 of 5 (received August 14, 1997) and Record Drawings Sheet 2 of 6, Sheets SUM-EL01, SUM-BF01, and SUM-BF02 (received October 30, 1997), has been received by the Department. Based on the information submitted, and the site inspection, FDEP approves operations of the above referenced facility in accordance with modified Permit No. SC60-298996.

Sincerely,

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

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

## Memorandum

Florida Department of  
Environmental Protection

## PERMIT COVER MEMO

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

## FROM/THROUGH:

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
\_\_\_\_\_, PROGRAM SUPERVISOR  
Robert Butera PE AB 12-2-97, SECTION SUPERVISOR  
Susan Pele PE 12/1/97, ENG, ENV SPEC, GEOLOGIST

DATE: 12/1/97FILE NAME: Sumter Co Digester  
PROGRAM: Solid WasteMod# 126940-003-50 to  
PERMIT # SC60-298996  
COUNTY: SumterTYPE OF PERMIT ACTION: ☒ ISSUE \_\_\_\_\_ DENY \_\_\_\_\_ MODIFY \_\_\_\_\_  
\_\_\_\_\_ TRANSFER OWNER \_\_\_\_\_ NOD \_\_\_\_\_ INTENT \_\_\_\_\_ PUBLIC NOTICEPUBLIC NOTICE PERIOD CLOSED?  
PETITION? \_\_\_\_\_

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

PERMIT SUMMARY: This permit allows operation of the  
digester system for composting.PROFESSIONAL RECOMMENDATION: ☒ APPROVE \_\_\_\_\_ DENYEVALUATION SUMMARY: I recommend approval based  
on information submitted & recent site  
inspections (9-16-97)

DAY 90/30 FOR THIS ACTION IS

ASAP

Is your RETURN ADDRESS completed on the reverse side?

MOD #126940-003-50 to #5060-298996

**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 DEPTARMTNET  
MR. GARRY BREEDEN, DIRECTOR  
319 E. ANDERSON AVENUE  
BUSHNELL, FL 33513

**4a. Article Number**

P 520 310 267

**4b. Service Type**

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

**7. Date of Delivery**

12-4-97

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

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

X *G. Breeden*

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

Thank you for using Return Receipt Service.

P 520 310 267

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to <i>Sunter Cty Public Wks</i>	
Street & Number <i>Mr. Gary Breiden</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>12-3-97</i>	

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

BY

Department of Environmental Protection  
SOUTHWEST DISTRICT

DEC 05 1997

**RECEIVED**

*Susan Pelz, Solid Waste*



# Department of Environmental Protection

Lawton Chiles

Governor

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

DEC - 3 1997

## NOTICE OF PERMIT

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

RE: Modification number **126940-003-SO** to existing construction  
Permit No. **SC60-298996**, Sumter County  
Sumter County Digester

Dear Mr. Breeden:

Attached is modified permit number **SC60-298996**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number **126940-003-SO**:

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
#2.	Existing	Amended	Permit documentation to include Certification and Record Documents
#3.	Existing	Amended	Allows operation
#22.	Existing	Amended	Compost Rule revisions incorporated by reference
#7.b., 9.a.	Existing	Amended	Correct typographical error

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.

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

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.

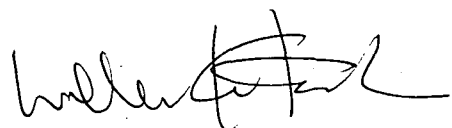
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard 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

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

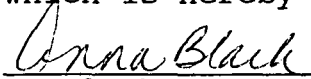
RDG/sjp  
Attachment

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 DEC - 3 1997 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

DEC - 3 1997  
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  
319 E. Anderson Ave.  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: **SC60-298996**  
Date of Issue: 08/29/97  
Expiration Date: **06/01/2001**  
County: Sumter  
Lat/Long: 28°44'30"  
82°05'20"  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Composting Facility-  
Digester

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. 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** an expansion to the existing Composting Facility, referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 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. Composting Facility - Digester

**Replaces applicable conditions of Permit Number: N/A, new**

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.

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

PERMIT NO.: SC60-298996  
Composting Facility-Digester

**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.

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

PERMIT NO.: SC60-298996  
Composting Facility-Digester

**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.

**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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

- (a) All reports or information required by the Department shall be certified as being true, accurate and complete.
- (b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.
  - 1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
  - 2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.
- (d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

**GENERAL CONDITIONS:**

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.
2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.
2. **Permit Application Documentation.** This permit is valid for **construction and operation of the digester system** and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:
  - a. Application for a Permit to Construct a Solid Waste Digester for the Production of Compost at the Sumter County Solid Waste Management Facility, dated December 24, 1996;
  - b. Request for Additional Information Composting Facility Expansion- Digester, dated February 17, 1997 (received February 18, 1997);
  - c. Additional information received February 24, 1997;
  - d. Bedminster Digester System Operation and Maintenance Manual, dated January 13, 1997 (received February 24, 1997);
  - e. Request for Additional Information Composting Facility Expansion- Digester, (including drawings) dated April 14, 1997;
  - f. Additional information dated May 6, 1997 (received May 7, 1997);
  - g. Plan Sheets titled, Sumter County Solid Waste Management Facility MSW Compost Digester, signed and sealed December 24, 1996, including the following revised sheets:
    - 1) Sheet 5 of 5 received, February 18, 1997;
    - 2) Sheet SUM EL01 received February 18, 1997;
  - h. Record Drawings Sheets 1, 2, 3, 4, and 5 of 5, received August 14, 1997;
  - i. Certification of Construction Completion dated October 29, 1997 (received October 30, 1997) including Record Drawings received October 30, 1997:
    - 1) Digester Location Plan, Sheet 2 of 6
    - 2) SUM-EL01 Digester Plan and Elevation
    - 3) SUM-BF01 Biofilter General Arrangement, and
    - 4) SUM-BF02 Biofilter Plan and Sections;

**SPECIFIC CONDITIONS:**

(Specific Condition #2 cont'd)

j. and in accordance with all applicable requirements of Department rules  
Amended DEC - 3 1997.

**3. Permit Modifications.**

a. This permit is valid for the construction and operation of the digester system and related appurtenances (e.g. biofilter and scrubber). 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 DEC - 3 1997.

b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.

c. This permit does not authorize the construction of a future "finishing" building. The construction of this facility may require a separate permit.

d. 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.

**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.



**SPECIFIC CONDITIONS:**

(Specific Condition #5 cont'd)

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 62-701.300, F.A.C., shall not be violated.

7. **Facility Operation Requirements.**

a. Except for "start-up" and "shake-down testing," material shall not be processed in the digester system prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

b. The permittee shall operate this facility in accordance with Chapter 62-709, F.A.C.; the information and drawings as listed in Specific Condition #2 above; the Operations and Maintenance Manual listed in Specific Condition #2.d. above; and any other applicable requirements.

Amended DEC - 3 1997 .

c. Litter shall be collected at least once daily.

d. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall be removed to an appropriate off-site disposal facility.

e. All compost additives (e.g. biosolids, domestic waste residuals/sludge, animal manure, urea, lime, etc.) shall be stored in covered containers or under roof in areas with leachate collection. Additives shall not be stored for greater than **ninety (90) days**. Additives shall be managed and stored in a manner which prevents odor or vector problems.

f. All processed and unprocessed materials shall be unloaded inside the building or into trucks or containers on paved areas. Spillage inside the building from the loading, unloading or sampling activities may be cleaned up at the end of each business day. Spillage in areas outside the building shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations).

**SPECIFIC CONDITIONS:**

(Specific Condition #7, cont'd)

- g. Leakage of fuels, oil, grease, other lubricants or fluids, from the digester equipment which is discharged to soils outside the building, or leachate collection system, shall be cleaned up **immediately** upon discovery (prior to continuing with other facility operations) and stored in a covered container for off-site disposal.
  - h. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.
  - i. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).
  - j. In order to minimize the potential for explosions and fires, explosive items (e.g. fireworks, ammunition, some aerosol cans) shall be removed from the waste stream prior to processing in the digester unit.
  - k. Finished compost materials shall be sampled and analyzed in accordance with 62-709.530, F.A.C.
8. **Scrubber and Biofilter.**
- a. A copy of a permit issued by the Department's Air Resources Section, or documentation that no permit is required, for the digester system shall be submitted to the Solid Waste Section within 30 days of receipt.
  - b. At a minimum, the biofilter media shall be regenerated or replaced, **annually, by June 15th each year**, unless the permittee provides documentation to the Department which demonstrates that the biofilter efficiency has not significantly decreased for the previous year.
  - c. The temperature of the air flow to the biofilter, the back pressure to the biofilter, and the biofilter bed depth shall be monitored to evaluate the efficiency of the unit.
  - d. Liquids which discharge from the scrubber shall be recirculated into the digester system, discharged to the leachate management system at the site, or removed for off-site disposal at a permitted wastewater treatment facility.

**SPECIFIC CONDITIONS:**

(Specific Condition #8, cont'd)

e. Liquids which discharge from the scrubber shall be sampled and analyzed to adequately demonstrate that the liquids are not a hazardous waste, and to monitor the effectiveness of the scrubber unit. The quality of the air flow to the scrubber and out of the scrubber shall be monitored to allow for the evaluation of the effectiveness of the scrubber unit.

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

a. A copy of the Department-approved permit, Operation and Maintenance Manual required by Specific Condition #2.d. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

Amended DEC - 3 1997.

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 March 15th** each year.

**10. Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows on the composting pads, the quantity of finished compost produced, and the length of time required to finish the compost.

d. The following information shall be recorded daily, compiled monthly, and submitted to the Department **quarterly**:

1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester.

2) The quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.

3) Moisture content and temperature of each compartment of the digester unit.

**SPECIFIC CONDITIONS:**

(Specific Condition #10.d., cont'd)

- 4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department **quarterly**:

- 1) Analytical results for:
  - a) Scrubber discharge water;
  - b) Scrubber air discharge; and
  - c) Finished compost.
- 2) Average residence time for material in the digester each month.
- 3) Quantity of finished compost.

f. Reporting required by Specific Conditions #10.d and e., above, shall be in accordance with the following schedule:

- 1) Activity from June 1st through August 31st, report due September 15th;
- 2) Activity from September 1st through November 30th, report due December 15th;
- 3) Activity from December 1st through February 28th, report due March 15th; and
- 4) Activity from March 1st through May 31st, report due June 15th.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #10.f. above.

**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 or leachate management system. Floors shall be free of standing liquids.

**SPECIFIC CONDITIONS:**

(Specific Condition #12, cont'd)

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system at any time.

c. 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.

d. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease no later than December 31, 1998.

**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. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

**14. Financial Assurance.** The owner or operator shall provide financial assurance for this solid waste management facility. Since the digester facility is an integral part of the materials recovery facility (MRF) located at the site, the costs for loading, transportation and disposal of the maximum quantity of feedstock which may be at the facility at any time may be included with the financial assurance cost estimates for the MRF.

a. 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**. Proof that the financial mechanism has been funded adequately shall be submitted **annually**.

**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.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, 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:

- 1) Damage to any portion of the site facilities;
- 2) Failure of any portion of the associated systems;
- 3) Emergency incidents such as fires or explosions;
- 4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. 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 Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

**18. Fire Safety.**

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.

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

PERMIT NO.: SC60-298996  
Composting Facility-Digester

**SPECIFIC CONDITIONS:**

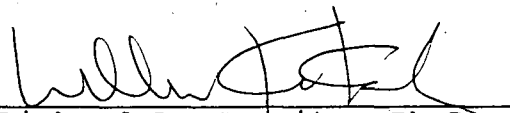
21. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for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

22. **Regulations.** Chapter 62-709, F.A.C. (effective 12-17-96), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

Amended DEC - 3 1997.

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 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by June 15th each year	Regenerate biofilter media
9.b.	Annually, by March 15th each year	Revised Operations Plan
10.d., 10.e., 10.f.	Quarterly, by September 15th, December 15th, March 15th, and June 15th	Waste quantity reports, analytical results
12.d.	December 31, 1998	Cease use of leachate impoundments
13.	180 days prior to date of final material acceptance	Closure notification
14.a.	Annually, by June 30th	Revised financial assurance cost estimates
14.a.	Annually	Proof that financial mechanism is adequately funded
16.b.	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



Solid Waste Section  
Permitting Application

PROJECT INFORMATION

Site Name: Sumter County Volume Reduction Facility

Site #: 126940 - 003

Address: \_\_\_\_\_

County/Code: 60 / sumter

Project Name: \_\_\_\_\_

Type: SO Subtype: MM Description: \_\_\_\_\_

Fee Received: 0 Correct ☒ Incorrect ( )

Needed/Refund \$ \_\_\_\_\_ Small Co Waiver

Fee Checked By: J Date: 10/30/97

RELATED PARTY INFORMATION

Role: Applicant

Name: Garry Breeden File

Address: ON

Company: \_\_\_\_\_

City: \_\_\_\_\_ State: FL Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Processor: PELZ



**Springstead  
Engineering, Inc.**

Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723

AA - 0002820

LB - 0001723

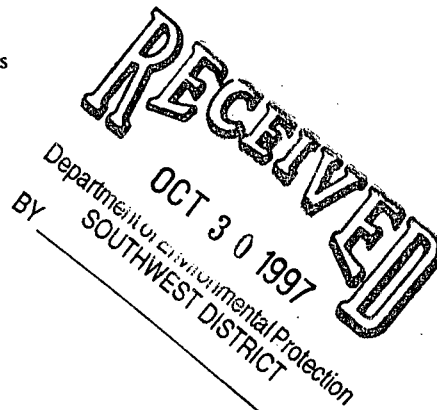
727 South 14th Street  
Leesburg, Florida 34748

Lake (352) 787-1414

Sumter (352) 793-3639

Fax (352) 787-7221

October 29, 1997



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

**RE: Modification of Construction Permit to Allow Operation  
Sumter County Composting Digester  
FDEP Permit #SC60-298996**

Dear Ms. Pelz:

Springstead Engineering, Inc. (SEI) is requesting on behalf of Sumter County to modify the above referenced construction permit to allow operation of the composting digester.

Record drawings of the plans and details requested are attached along with the certification of construction completion form. In addition, a letter requesting the small county waiver is attached.

Please review the attached information and let me know if you need anything else to modify the permit.

Very truly yours,  
Springstead Engineering, Inc.

  
David W. Springstead, P.E.

DWS/jal

cc: Garry Breeden  
Terry Hurst  
Allison Searcy  
Denise Reynolds

(October 28, 1997 - b:pelz.o28)

FILE

# Sumter County Government



Board of Sumter County Commissioners

209 North Florida Street, Bushnell, Florida, 33513 Room 206 Telephone (352)793-0200 Suncom 665-0200 FAX (352)793-0207

October 28, 1997

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

Re: Request to modify construction permit to allow operation  
Sumter County Solid Waste Management Facility  
Composting Permit No. SC60-298966

Dear Sir:

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 of 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

Enclosure

Karen S. Krauss, Chairman  
Distr. 4, (352)793-7704  
309 Center Street  
Bushnell, FL 33513

Joey A. Chandler, Distr. 2  
(352)793-9656  
143 CR 532 C  
Bushnell, FL 33513

Robin Cox  
Distr. 5, (352)793-6910  
P.O. Box 1482  
Webster, FL 33597-1482

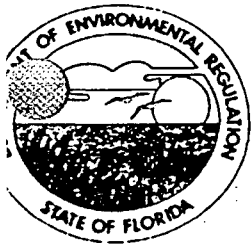
Randall N. Thornton  
County Attorney  
(352)793-4040, P.O. Box 58  
Lake Panasoffkee, FL 33538

Benny G. Strickland, Vice Chairman  
Distr. 1, (352) 748-3110 or 748-2060  
5259 CR 125-C  
Wildwood, FL 34785

Billy "Tiny" Rutter, Distr. 3  
(352) 748-4220  
P. O. Box 37  
Coleman, Florida 33521-0037

Gloria R. Hayward, Clerk & Auditor  
(352)793-0215  
209 North Florida Street  
Bushnell, FL 33513

Bernard Dew, County Administrator  
(352)793-0200  
209 North Florida Street  
Bushnell, FL 33513



## Florida Department of Environmental Regulation

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

DER Form # 17-201 900(2)	
Certification of Construction Completion of a Solid Waste Management Facility	
Form Title	
Effective Date	January 8, 1993
DER Application No.	
(Filled in by DER)	

# Certification of Construction Completion of a Solid Waste Management Facility

DER Construction Permit No: SC60-298996 County: Sumter  
Name of Project: Sumter County Composting Facility Digester  
Name of Owner: Sumter County Board of County Commissioners  
Name of Engineer: Springstead Engineering, Inc.  
Type of Project: Construction of solid waste compost digester

Cost: Estimate \$ 1,600,000 Actual \$ 1,680,000  
Site Design: Quantity: 100 ton/day Site Acreage: 120 Acres  
Deviations from Plans and Application Approved by DER: See attached.

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

Name(s) of Site Supervisor: Terry Hurst  
Date Site inspection is requested: As soon as possible

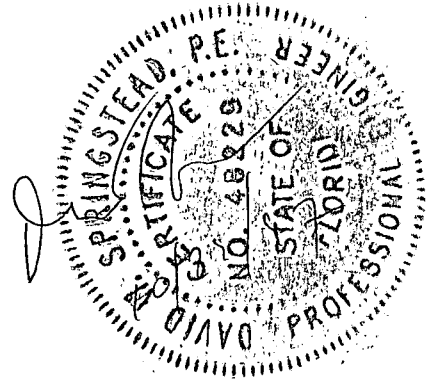
This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction Permit No.: SC60-298996 Dated: 10/29/97

Date: 10/29/97

Signature of Professional Engineer #48229  
David W. Springstead, P.E.  
Page 1 of 1  
NO. 48229  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

## DEVIATIONS FROM PLANS AND APPLICATION APPROVED BY FDEP

1. Pumping/mixing basin changed from 10,000 gal round to 3,000 gal rectangular tank.
2. Pumping/mixing basin moved to west side of digester pushwall.
3. Pump for mixing basing moved to north end of mixing tank (1 pump instead of 2).
4. The dry sludge storage bin was constructed on the west side of the future digester push wall.
5. The WRA south of the digester is constructed.
6. An air plenum screen to catch any particles in the digester air was constructed as shown.
7. The area beneath the digester discharge area has been excavated to accommodate a temporary conveyor and is temporarily lined with a impermeable geomembrane until construction of the finishing building is complete. A detail is shown on the plan.





# Department of Environmental Protection

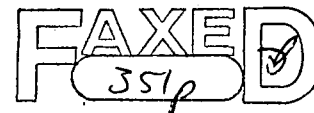
Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## FAX TRANSMITTAL SHEET

DATE: October 30, 1997



**TO:** Garry Breeden - Sumter County ✓  
David Springstead, P.E. - Springstead Engineering ✓  
Mitch Kessler - TIA ✓

Fax: 352-793-0247  
Fax: 352-787-7221  
Fax: 813-265-8140

**FROM:** Susan Pelz, P.E. Phone: (813) 744-6100 ext 386  
Fax: (813) 744-6125

**TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET** -2-

**SUBJECT:** Summary of Permitting Activity/Status per your request on October 22, 1997.

Permit Number	Application received	Information Requested	Information Received	Status
SC60-298996 Digester permit	Issued 8-29-97			
Certification of Construction		9-16-97	10-30-97	Pending DEP review
126940-003-SO Request to Modify Permit			10-30-97	Pending DEP review (Upon satisfactory completion of this modification, this permit will be modified to allow operation of the digester.)
126940-001-SO Composting Operation renewal	8-4-97	9-2-97 10-28-97	10-2-97	Awaiting response to 10-28-97 RAI.

Permit Number	Application received	Information Requested	Information Received	Status
126941-001-SO MRF Operation renewal	8-4-97	9-2-97 10-28-97	10-2-97	Awaiting response to 10-28-97 RAI
126940-002-SC Finishing Bldg. construction	10-17-97	10-21-97	10-27-97	Pending complete DEP review.
126848-001-WT Waste Tire Collection Center				Pending signature for issuance- will be issued by 11-8-97
22926-002-SF Landfill Long- Term Care	8-4-97	9-2-97 10-29-97	10-3-97	Awaiting response to 10-29-97 RAI

If you have any questions, you may contact me at the phone number listed above.

## Transmit Confirmation Report

No. : 010  
Receiver : 813527930247  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Oct 30 97 16:46  
Time : 00'56  
Mode : Norm  
Pages : 02  
Result : OK

## Transmit Confirmation Report

No. : 011  
Receiver : 813527877221  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Oct 30 97 16:48  
Time : 01'13  
Mode : Norm  
Pages : 02  
Result : OK

## Transmit Confirmation Report

No. : 012  
Receiver : 92658140  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Oct 30 97 16:50  
Time : 01'12  
Mode : Norm  
Pages : 02  
Result : OK





RB LB

# 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:** SC60-298996

**INSPECTION DATE:** September 16, 1997

### REASON FOR VISIT:

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

### PERSONS PRESENT:

Susan Pelz, Steve Morgan (FDEP); Terry Hurst, Garry Breeden (part-time) (Sumter County); David Springstead (Springstead Engineering)

### SUMMARY REPORT:

The primary purpose of this inspection was to approve the Certification of Construction Completion for the digester system. However, a compliance inspection of the MRF was also performed (see separate inspection form). The MRF sorting line was operating at the time of our inspection.

The digester system construction is complete. The County has been conducting "start-up/shake down" testing since June 1997. Some minor drippage was observed around the outside of the digester at the access ports. Since the drippage was minimal, it was recommended that these areas be monitored/observed for increases in leakage, but no action is required, at this time. The system appears to be constructed in accordance with the permitted plans, with the following exceptions:

1. The pumps for the mixing/pumping basin shown on Sheet 1 of 1 (received May 7, 1997) are not installed at the south side of the basin. The "dry sludge storage area" is not constructed in the location shown. The "innoculant" storage area does not appear to be shown on the drawing. The WRA shown south of the digester building did not appear to have been constructed.
2. The air plenum/screen which was constructed in line before the blower is not shown on the as-built drawings.

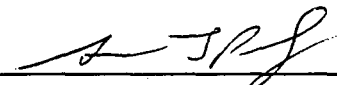
3. "Mixing/pumping basin" details provided in Appendix C (received April 14, 1997) indicate that the basin will be a circular, closed top tank. The tank constructed is a rectangular, open-top tank.
4. The area below the digester discharge was proposed to be paved (as discussed at the April 30, 1997 site visit). This area was not actually paved, but was excavated and temporarily lined with a geomembrane liner. Due to the temporary nature of this arrangement (the discharge end of the digester will be located inside the new building which is currently in permitting), the Department has no objection to this as an interim measure.

**RECOMMENDATIONS:**

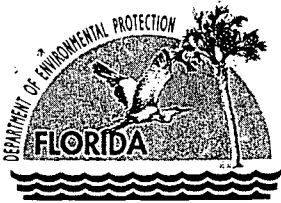
1. The above information must be reflected on the "as-built" drawings and the Certification of Construction Completion (DEP Form 62-701.900(2)) Form must list the deviations.
2. The following drawings which include as-built elevations, invert elevations, etc. must be submitted:
  - a. SUM-EL01 - Digester plan and Elevation;
  - b. SUM-BF01 - Biofilter General Arrangement;
  - c. SUM-BF02 - Biofilter Plan and Sections;
  - d. a drawing which shows details of the digester discharge area; and
  - e. a drawing showing the scrubber, blower, mixing tank, and piping arrangements.

The County must submit a request to modify (no fee, small county waiver information required) the construction permit to allow the operation of the facility. The request for modification may be submitted in conjunction with the information requested above. The Department cannot authorize the operation (except start-up/shake down) of the facility until this information is received.

**FDEP REPRESENTATIVE:**

  
Susan J. Pelz, P.E.      Solid Waste Section      Date Mailed to Facility 9/17/97

cc: Garry Breeden, Sumter County Public Works Dept., 319 E. Anderson Ave., Bushnell, Fl. 33513  
David Springstead, Springstead Engineering, 727 S. 14th Street, Leesburg, Fl. 34748



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## FAX TRANSMITTAL SHEET

**FAXED**  
1023A

9/17/97  
Date

TO: David Springstead

Phone: 352-787-1414 Fax: 352-787-7221

FROM: Susan Pelz

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

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 3

SUBJECT: Site Inspection Report - Sinter Digester  
for inspection dated 9-16-97.

Hard copy is being mailed today.

## Transmit Confirmation Report

No. : 008  
Receiver : 813527877221  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Sep 17 97 10:18  
Time : 01'57  
Mode : Norm  
Pages : 03  
Result : OK

9/16/97

## Sumter Digester

Need AS-built details for:

= SUM-EL01 digester dimensions & elevations

- SUM-BF01 biofilter manhole & piping

- SUM-BF02 biofilter

~~draw~~ draw showing discharge area pad ~~to be removed~~ (& mobile conveyor)

- draw showing scrubber & tank piping & locations

Waste from Sat, Mon, Tues how many tons?

$\frac{3}{8}$  finished screen  $\Rightarrow$  Type A

out of digester to 1" screen to windrows

turn windrows once per day

digester to finish - 20-30 days

1<sup>st</sup> batch - old manure & sludge

June 1997 (begin of month) mat'l put on north pad



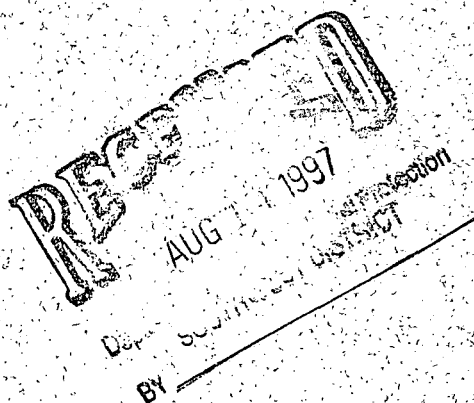
**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

727 South 14th Street  
Leesburg, Florida 34748

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

August 13, 1997



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

**RE: Sumter County Composting Facility Digester  
DEP Permit No. SC60-298996  
Certification of Construction Completion  
SEI File No. 921100.004**

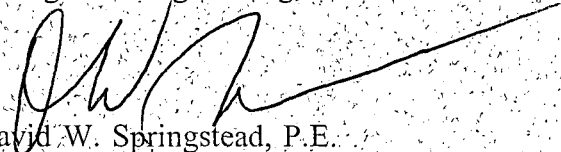
Dear Susan:

Please find enclosed three (3) sets of as-built drawings in accordance with the Certification of Construction Completion of Solid Waste Management Facility for the Solid Waste Compost Digester that was submitted on July 31, 1997 to your department.

No deviations have been made from the plans originally submitted.

I hope this meets your needs at this time. Should you have any questions, please contact our office.

Very truly yours,  
Springstead Engineering, Inc.

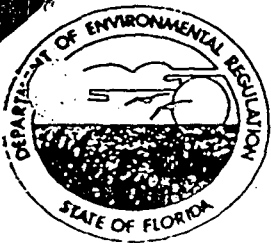


David W. Springstead, P.E.

DWS/jal

cc: Garry Breeden  
Terry Hurst  
Allison Searcy

(August 13, 1997 - b:asbuilt.dig)



# Florida Department of Environmental Regulation

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

DER Form # 17-701 800(7)
Continuation of Construction Completion of a
Form Title <u>Solid Waste Management Facility</u>
Effective Date <u>January 6, 1997</u>
DER Application No. _____
(Filled in by DER)

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

DER Construction Permit No: SC60-298996 County: Sumter

Name of Project: Sumter County Composting Facility Digester

Name of Owner: Sumter County Board of County Commissioners

Name of Engineer: Springstead Engineering, Inc.

Type of Project: Construction of solid waste compost digester

Cost: Estimate \$ 1,600,000 Actual \$ 1,680,000

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

Deviations from Plans and Application Approved by DER: \_\_\_\_\_

Address and Telephone No. of Site: 835 CR 529, Sumterville, Florida


(352) 793-3368

Name(s) of Site Supervisor: Terry Hurst

Date Site inspection is requested: As soon as possible

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.: SC60-298996 Dated: 7/31/97

Date: 7/31/97

  
Signature of Professional Engineer David W. Springstead, P.  
#48229  
7/31/97

8/4/97 1032a

- I called David Springstead
- told him I need

As-builts

- he said he would send  
ASAP
- tentative date for  
inspection 8/12/97





# Springstead Engineering, Inc.

Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723

AA - 0002820

LB - 0001723

727 South 14th Street  
Leesburg, Florida 34748

Lake (352) 787-1414

Sumter (352) 793-3639

Fax (352) 787-7221

RECEIVED

AUG 01 1997

D E P

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

Date: July 31, 1997

Job No.: 921100.004

Attention:

RE: Sumter County Composting Facility Digester

## GENTLEMEN:

WE ARE SENDING YOU ☐ Enclosed ☐ 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 (Signed & Sealed dated 7/31/97)

## THESE ARE TRANSMITTED as checked below:

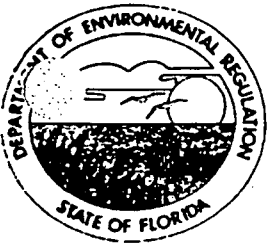
- ☐ For Approval ☐ Approved as submitted ☐ Approved for payment  
☐ For your use ☐ Approved as noted ☐ Resubmit \_\_\_\_\_ copies for approval  
☐ As Requested ☐ Returned for corrections  
☐ For Review and Comment \_\_\_\_\_  
☐ Material and/or prints returned after loan to us

## REMARKS

COPY TO:  
Garry Breedon

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

David W. Springstead, P.E.



# 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 Certification of Construction Completion of a Solid Waste Management Facility
Effective Date January 8, 1993
DER Application No. (Filled in by DER)

RECEIVED  
AUG 01 1997  
D E P

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

DER Construction Permit No: SC60-298996 County: Sumter

Name of Project: Sumter County Composting Facility Digester

Name of Owner: Sumter County Board of County Commissioners

Name of Engineer: Springstead Engineering, Inc.

Type of Project: Construction of solid waste compost digester

Cost: Estimate \$ 1,600,000 Actual \$ 1,680,000

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

Deviations from Plans and Application Approved by DER: \_\_\_\_\_

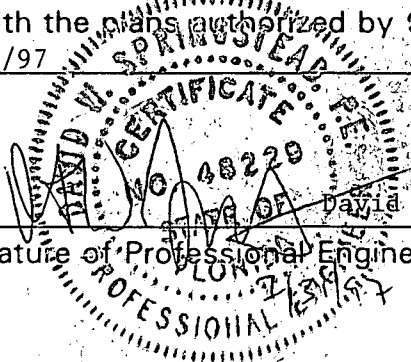
Address and Telephone No. of Site: 835 CR 529, Sumterville, Florida  
(352) 793-3368

Name(s) of Site Supervisor: Terry Hurst

Date Site inspection is requested: As soon as possible

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.: SC60-298996 Dated: 7/31/97

Date: 7/31/97

  
Signature of Professional Engineer David W. Springstead, P.E. #48229

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

## DISTRICT ROUTING SLIP

To: Kathy Anderson / Executive Journal DATE: 9/11/97  
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>	
Fort Pierce	Southeast District Branch Office	

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

## Comments:

Sumter Co Digester Permit SC60-298996  
1 Board Document <sup>Dec 24, 1996</sup>  
1 set Drawings (6 sheets) [including sheet 5 of FS and  
Sheet SUM-EL01 rec'd Feb. 17, 1997]

From:

Tel.:

SUSAN PELZ

SC 542-6100 X386

08-18-97

ection

Virginia B. Wetherell  
Secretary

10 2 9 1997

cility-  
stem

issued pursuant to

right to seek  
tion 120.68, Florida  
1 pursuant to Rule  
with the Clerk of  
sel, 2600 Blair Stone  
g a copy of the  
le filing fees with  
he Notice of Appeal  
he Final Order is

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

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

## Memorandum

Florida Department of  
Environmental Protection

## PERMIT COVER MEMO

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

## FROM/THROUGH:

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
\_\_\_\_\_, PROGRAM SUPERVISOR  
Robert Butera PE RS 8/27/97, SECTION SUPERVISOR  
Susan Pelz, PE 8/26/97, ENG, ENV SPEC, GEOLOGIST

DATE: 8/26/97FILE NAME: Sumter Co Digester  
PROGRAM: Solid WastePERMIT # SC60-298996  
COUNTY: SumterTYPE OF PERMIT ACTION: ☒ ISSUE ☐ DENY ☐ MODIFY  
☐ TRANSFER OWNER ☐ NOD ☐ INTENT ☐ PUBLIC NOTICEPUBLIC NOTICE PERIOD CLOSED? Yes - 8/21/97  
PETITION? NO RELEASED BY OGC? \_\_\_\_\_PERMIT SUMMARY: This permit authorizes construction of a  
solid waste composting digester system.PROFESSIONAL RECOMMENDATION: ☒ APPROVE ☐ DENYEVALUATION SUMMARY: I recommend issuance based on  
information submitted and several site visits.  
This system is expected to provide a more efficient  
method of composting solid waste.

<u>Appl. rec'd</u> <u>12-24-96</u>	<u>No petitions as of 8/26/97</u>
<u>Appl. complete</u> <u>5-7-97</u>	<u>849am - checked PATSOS</u>
<u>Publ. rec'd</u> <u>8-2-97</u>	
<u>Active on</u> <u>8-21-97 (day 74)</u>	

DAY 90/30 FOR THIS ACTION IS ASAP by 8/29/97

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 33613-3178

RECEIVED  
SEP 03 1997

Susan Kelly

71 Waste Mgmt

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

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>Public Works</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>8-29-97</i>	

*Permit # SC60-298996***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):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

**3. Article Addressed to:**

*Sumter Cty Public Works*  
*Mr. Barry Breeden, Dir*  
*319 E Anderson Ave*  
*Bushnell, FL 33513*

**4a. Article Number***P 145 063 037***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***9.2.97***5. Received By: (Print Name)****8. Addressee's Address (Only if requested and fee is paid)****6. Signature: (Addressee or Agent)***X Becky Perkins*



# 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

AUG 29 1997

## NOTICE OF PERMIT

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

RE: Sumter County Solid Waste Management Facility-  
Solid Waste Composting Digester System  
Permit No.: SC60-298996, Sumter County

Dear Mr. Breeden:

Enclosed is Permit Number **SC60-298996**, 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 AUG 29 1997 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.

Anna Black AUG 29 1997  
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  
Mitch Kessler, TIA, 10012 N. Dale Mabry, Suite #223,  
Tampa, Fl. 33618  
Douglas Beason, OGC Tallahassee  
Kathy Anderson, 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  
319 E. Anderson Ave.  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: SC60-298996  
Date of Issue: AUG 29 1997  
Expiration Date: 06/01/2001  
County: Sumter  
Lat/Long: 28°44'30"  
82°05'20"  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Composting Facility-  
Digester

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. 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** an expansion to the existing Composting Facility, referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 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. Composting Facility - Digester

**Replaces applicable conditions of Permit Number: N/A, new**

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.

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

PERMIT NO.: SC60-298996  
Composting Facility-Digester

**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.

**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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

- (a) All reports or information required by the Department shall be certified as being true, accurate and complete.
- (b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.
  - 1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
  - 2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.
- (d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

**GENERAL CONDITIONS:**

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.
2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for construction of the digester system and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Application for a Permit to Construct a Solid Waste Digester for the Production of Compost at the Sumter County Solid Waste Management Facility, dated December 24, 1996;

b. Request for Additional Information Composting Facility Expansion- Digester, dated February 17, 1997 (received February 18, 1997);

c. Additional information received February 28, 1997;

d. Bedminster Digester System Operation and Maintenance Manual, dated January 13, 1997 (received February 24, 1997);

e. Request for Additional Information Composting Facility Expansion- Digester, (including drawings) dated April 14, 1997;

f. Additional information dated May 6, 1997 (received May 7, 1997);

g. Plan Sheets titled, Sumter County Solid Waste Management Facility MSW Compost Digester, signed and sealed December 24, 1996, including the following revised sheets:

- 1) Sheet 5 of 5 received, February 18, 1997;
- 2) Sheet SUM EL01 received February 18, 1997;

h. and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**

a. This permit is valid for the construction of the digester system and related appurtenances (e.g. biofilter and scrubber). This permit does not authorize the operation of this system. 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.

**SPECIFIC CONDITIONS:**

(Specific Condition #3, cont'd)

- b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.
  - c. This permit does not authorize the construction of a future "finishing" building. The construction of this facility may require a separate permit.
  - d. 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.
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 62-701.300, F.A.C., shall not be violated.



**SPECIFIC CONDITIONS:**

**7. Facility Operation Requirements.**

a. Except for "start-up" and "shake-down testing," material shall not be processed in the digester system prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

b. The permittee shall operate this facility in accordance with Chapter 62-709, F.A.C.; 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.

c. Litter shall be collected at least once daily.

d. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall removed to an appropriate off-site disposal facility.

e. All compost additives (e.g. biosolids, domestic waste residuals/sludge, animal manure, urea, lime, etc.) shall be stored in covered containers or under roof in areas with leachate collection. Additives shall not be stored for greater than **ninety (90) days**. Additives shall be managed and stored in a manner which prevents odor or vector problems.

f. All processed and unprocessed materials shall be unloaded inside the building or into trucks or containers on paved areas. Spillage inside the building from the loading, unloading or sampling activities may be cleaned up at the end of each business day. Spillage in areas outside the building shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations).

g. Leakage of fuels, oil, grease, other lubricants or fluids, from the digester equipment which is discharged to soils outside the building, or leachate collection system, shall be cleaned up **immediately** upon discovery (prior to continuing with other facility operations) and stored in a covered container for off-site disposal.

h. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

**SPECIFIC CONDITIONS:**

(Specific Condition #7, cont'd)

i. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

j. In order to minimize the potential for explosions and fires, explosive items (e.g. fireworks, ammunition, some aerosol cans) shall be removed from the waste stream prior to processing in the digester unit.

k. Finished compost materials shall be sampled and analyzed in accordance with 62-709.530, F.A.C.

**8. Scrubber and Biofilter.**

a. A copy of a permit issued by the Department's Air Resources Section, or documentation that no permit is required, for the digester system shall be submitted to the Solid Waste Section within 30 days of receipt.

b. At a minimum, the biofilter media shall be regenerated or replaced, **annually, by June 15th each year**, unless the permittee provides documentation to the Department which demonstrates that the biofilter efficiency has not significantly decreased for the previous year.

c. The temperature of the air flow to the biofilter, the back pressure to the biofilter, and the biofilter bed depth shall be monitored to evaluate the efficiency of the unit.

d. Liquids which discharge from the scrubber shall be recirculated into the digester system, discharged to the leachate management system at the site, or removed for off-site disposal at a permitted wastewater treatment facility.

e. Liquids which discharge from the scrubber shall be sampled and analyzed to adequately demonstrate that the liquids are not a hazardous waste, and to monitor the effectiveness of the scrubber unit. The quality of the air flow to the scrubber and out of the scrubber shall be monitored to allow for the evaluation of the effectiveness of the scrubber unit.

**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. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

**SPECIFIC CONDITIONS:**

(Specific Condition #9, cont'd)

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 March 15th** each year.

**10. Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows on the composting pads, the quantity of finished compost produced, and the length of time required to finish the compost.

d. The following information shall be recorded daily, compiled monthly, and submitted to the Department **quarterly**:

- 1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester.
- 2) The quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.
- 3) Moisture content and temperature of each compartment of the digester unit.
- 4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department **quarterly**:

- 1) Analytical results for:
  - a) Scrubber discharge water;
  - b) Scrubber air discharge; and
  - c) Finished compost.
- 2) Average residence time for material in the digester each month.
- 3) Quantity of finished compost.

**SPECIFIC CONDITIONS:**

(Specific Condition #10, cont'd)

f. Reporting required by Specific Conditions #10.d and e., above, shall be in accordance with the following schedule:

- 1) Activity from June 1st through August 31st, report due September 15th;
- 2) Activity from September 1st through November 30th, report due December 15th;
- 3) Activity from December 1st through February 28th, report due March 15th; and
- 4) Activity from March 1st through May 31st, report due June 15th.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #10.f. above.

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 or leachate management system. Floors shall be free of standing liquids.

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system at any time.

c. 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)

d. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease no later than December 31, 1998.

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. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

14. **Financial Assurance.** The owner or operator shall provide financial assurance for this solid waste management facility. Since the digester facility is an integral part of the materials recovery facility (MRF) located at the site, the costs for loading, transportation and disposal of the maximum quantity of feedstock which may be at the facility at any time may be included with the financial assurance cost estimates for the MRF.

a. 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.** Proof that the financial mechanism has been funded adequately shall be submitted **annually.**

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.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, 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:

- 1) Damage to any portion of the site facilities;
- 2) Failure of any portion of the associated systems;
- 3) Emergency incidents such as fires or explosions;
- 4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. 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 Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

18. **Fire Safety.**

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.

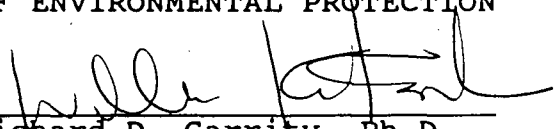
20. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

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.** Chapter 62-709, F.A.C. (effective 11-21-89), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

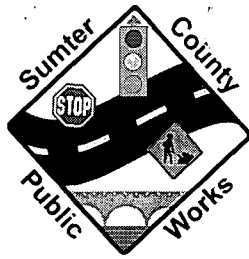
Executed in Tampa, Florida.

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 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by June 15th each year	Regenerate biofilter media
9.b.	Annually, by March 15th each year	Revised Operations Plan
10.d., 10.e., 10.f.	Quarterly, by September 15th, December 15th, March 15th, and June 15th	Waste quantity reports, analytical results
12.d.	December 31, 1998	Cease use of leachate impoundments
13.	180 days prior to date of final material acceptance	Closure notification
14.a.	Annually, by June 30th	Revised financial assurance cost estimates
14.a.	Annually	Proof that financial mechanism is adequately funded
16.b.	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



**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: August 11, 1997

To: Department of Environmental Protection  
Attn: Susan Pelz *J 8/25*

From: Denise Reynolds

Subject: Proof of Publication  
SC60-298996 Sumter County

**RECEIVED**  
AUG 12 1997

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

On August 7, 1997, a copy of 6060807 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 forwarding the original proof of publication from the Sumter County Times.

**D.E.P.**  
**AUG 12 1997**  
SOUTHWEST DISTRICT  
TAMPA



# 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 FELICIA H. SATCHELL  
of the Sumter County Times, a newspaper published  
weekly on Thursday at Bushnell in Sumter County,  
Florida, that the attached copy of advertisement  
being a public notice in the matter of the

DEPARTMENT OF ENVIRONMENTAL PROTECTION

FILE # SC60-298996

Court, was published in said newspaper in the issues  
of

AUGUST 7, 1997

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 advertisement; 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.

Felicia H. Satchell  
The forgoing instrument was acknowledged before  
me this 8th day of AUG 19 97  
by FELICIA H. SATCHELL

who is personally known to me and who did take  
an oath.

Jeanette A. Schmidt  
Notary Public, State of Florida  
Commission No. CC 302632  
My Commission Expires 8/16/97

Bonded Through Fla. Notary Service & Bonding Co.

6060807 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, Di-  
rector, who applied December 24, 1996, to the Department of  
Environmental Protection for a permit to construct an expansion  
to a solid waste composting 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, Flor-  
ida.

DEP File Number: SC60-298996, Sumter County

Persons whose substantial interests are affected by the De-  
partment's proposed permitting decision may petition for an  
administrative proceeding (hearing) in accordance with Sec-  
tion 120.57, Florida Statutes. The petition must contain the in-  
formation set forth below, and must be filed (received) in the Of-  
fice 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. Fail-  
ure to file a request for hearing within this time period shall con-  
stitute a waiver of 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  
the 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 state-  
ment of the material facts which petitioner contends warrant  
reversal or modification of the Department's action; (f) A  
statement of which rules or statutes petitioner contends require  
reversal or modification of the Department's action or pro-  
posed action; and (g) A statement of the relief sought by peti-  
tioner, stating precisely the action petitioner wants the Depart-  
ment to take with respect to the Department's action or pro-  
posed action.

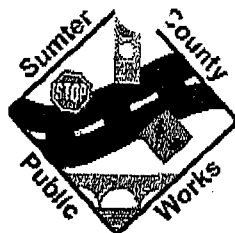
If a petition is filed, the administrative hearing process is de-  
signed to formulate agency action. Accordingly, the Depart-  
ment's final action may be different from the position taken by  
it in this notice. Persons whose substantial interests will be af-  
fected by any decision of the Department 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 publi-  
cation 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 un-  
der 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 nor-  
mal business hours, 8:00 a.m. to 5:00 p.m., Monday through Fri-  
day, except legal holidays, at 3804 Coconut Palm Drive,  
Tampa, Florida 33619-8318.

Published one (1) time in the Sumter County Times: Thursday,  
August 7, 1997.

D.E.P.  
AUG 12 1997  
SOUTHWEST DISTRICT  
TAMPA



FAX MEMORANDUM

Date: August 7, 1997  
To: Department of Environmental Protection  
Attn: Susan Pelz  
Fax No.: (813) 744-6125  
From: Denise Reynolds  
Re: Notice of Publication  
SC60-298996, Sumter County

Original proof of publication  
will follow as soon as received

6060807 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 Breedon, Director, who applied December 24, 1996, to the Department of Environmental Protection for a permit to construct an expansion to a solid waste composting 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: SC60-298996, 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 of 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 the 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 the material facts which Petitioner contends warrant reversal or modification of the Department's 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 of 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 67-103.155, 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 Thursday, August 7, 1997.

Memorandum

Florida Department of  
Environmental Protection

PERMIT COVER MEMO

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

FROM/THROUGH:

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
\_\_\_\_\_, PROGRAM SUPERVISOR  
Robert Butera PE 12/7/17, SECTION SUPERVISOR  
Susan Pelz, PE 7/17, ENG, ENV SPEC, GEOLOGIST

DATE: 7/17/97

FILE NAME: Sumter Digester  
PROGRAM: Solid Waste

PERMIT # SC60-298996  
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 digester system for the composting of MSW

PROFESSIONAL RECOMMENDATION: ☒ APPROVE ☐ DENY

EVALUATION SUMMARY: I recommend issuance based  
on information submitted, and recent site visit.

DAY 90/30 FOR THIS ACTION IS ASAP by 7/23/97

P 145 063 012

US Postal Service

# Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to <i>Sumter County Pub Dept</i>	
Street & Number <i>Mr - Larry Breiden, Dir</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>7-18-97</i>	

PS Form 3800 April 1995

## SENDER:

- Complete items 1 and/or 2 for additional services. *SC60-298996*
- 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):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

### 3. Article Addressed to:

*Sumter County Public Works  
Dept  
Mr Larry Breiden, Dir  
319 E. Anderson Ave  
Bushnell, FL 33513*

### 4a. Article Number

*P145 063 012*

### 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

*7-21-97*

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

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

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

*X [Signature]*

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE



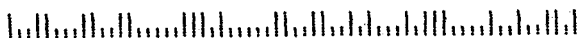
First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

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

State of Florida  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8918

**RECEIVED**  
JUL 22 1997  
SOUTHWEST DISTRICT

*Susan Pelz - Solid Waste*



**THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

JUL 18 1997

In the matter of an  
Application for Permit by:                      DEP File No.      SC60-298996,  
Sumter County

Sumter County Public Works Department  
Mr. Garry Breeden, Director  
319 E. Anderson 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 24, 1996, and submitted additional information on February 24, 1997, April 14, 1997 and May 7, 1997, to the Department of Environmental Protection for a permit to construct an expansion to a solid waste composting facility referred to as the Sumter County Solid Waste Management 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 hearing in accordance with sections 120.569 and 120.57 of the 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 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any other person must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must 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 the 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 the petitioner, if any;



- (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

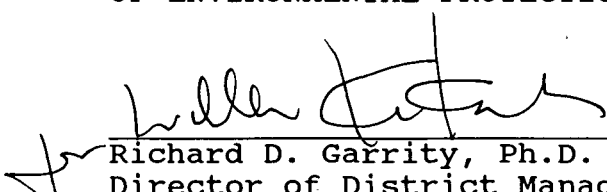
In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by rule 28-106.404. The agreement must be received by the clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within fourteen days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under sections 120.569 and 120.57. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

JUL 8 1997

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

Fred Wick, FDEP Tallahassee

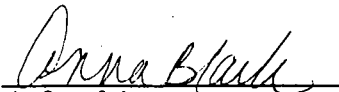
Robert Butera, P.E., FDEP Tampa

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 JUL 18 1997 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.

  
(Clerk)

JUL 18 1997  
(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 24, 1996, to the Department of Environmental Protection for a permit to construct an expansion to a solid waste composting 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.



# 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  
319 E. Anderson Ave.  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: SC60-298996  
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  
Composting Facility-  
Digester

**DRAFT**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. 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** an expansion to the existing Composting Facility, referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 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. Composting Facility - Digester

**Replaces applicable conditions of Permit Number: N/A, new**

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.

**DRAFT**

**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.

**DRAFT**

**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.



**DRAFT**

**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.

**DRAFT**

**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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

- (a) All reports or information required by the Department shall be certified as being true, accurate and complete.
- (b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.
  - 1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
  - 2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.
- (d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

**DRAFT**

**GENERAL CONDITIONS:**

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.
2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

**DRAFT**

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for construction of the digester system and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Application for a Permit to Construct a Solid Waste Digester for the Production of Compost at the Sumter County Solid Waste Management Facility, dated December 24, 1996;

b. Request for Additional Information Composting Facility Expansion- Digester, dated February 17, 1997 (received February 18, 1997);

c. Additional information received February 28, 1997;

d. Bedminster Digester System Operation and Maintenance Manual, dated January 13, 1997 (received February 24, 1997);

e. Request for Additional Information Composting Facility Expansion- Digester, (including drawings) dated April 14, 1997;

f. Additional information dated May 6, 1997 (received May 7, 1997);

g. Plan Sheets titled, Sumter County Solid Waste Management Facility MSW Compost Digester, signed and sealed December 24, 1996, including the following revised sheets:

- 1) Sheet 5 of 5 received, February 18, 1997;
- 2) Sheet SUM EL01 received February 18, 1997;

h. and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**

a. This permit is valid for the construction of the digester system and related appurtenances (e.g. biofilter and scrubber). This permit does not authorize the operation of this system. 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.

DRAFT

**SPECIFIC CONDITIONS:**

(Specific Condition #3, cont'd)

- b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.
  - c. This permit does not authorize the construction of a future "finishing" building. The construction of this facility may require a separate permit.
  - d. 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.
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 62-701.300, F.A.C., shall not be violated.

**SPECIFIC CONDITIONS:**

**DRAFT**

**7. Facility Operation Requirements.**

- a. Except for "start-up" and "shake-down testing," material shall not be processed in the digester system prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.
- b. The permittee shall operate this facility in accordance with Chapter 62-709, F.A.C.; 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.
- c. Litter shall be collected at least once daily.
- d. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall removed to an appropriate off-site disposal facility.
- e. All compost additives (e.g. biosolids, domestic waste residuals/sludge, animal manure, urea, lime, etc.) shall be stored in covered containers or under roof in areas with leachate collection. Additives shall not be stored for greater than **ninety (90) days**. Additives shall be managed and stored in a manner which prevents odor or vector problems.
- f. All processed and unprocessed materials shall be unloaded inside the building or into trucks or containers on paved areas. Spillage inside the building from the loading, unloading or sampling activities may be cleaned up at the end of each business day. Spillage in areas outside the building shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations).
- g. Leakage of fuels, oil, grease, other lubricants or fluids, from the digester equipment which is discharged to soils outside the building, or leachate collection system, shall be cleaned up **immediately** upon discovery (prior to continuing with other facility operations) and stored in a covered container for off-site disposal.
- h. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

**SPECIFIC CONDITIONS:**

**DRAFT**

(Specific Condition #7, cont'd)

- i. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).
  - j. In order to minimize the potential for explosions and fires, explosive items (e.g. fireworks, ammunition, some aerosol cans) shall be removed from the waste stream prior to processing in the digester unit.
  - k. Finished compost materials shall be sampled and analyzed in accordance with 62-709.530, F.A.C.
8. **Scrubber and Biofilter.**
- a. A copy of a permit issued by the Department's Air Resources Section, or documentation that no permit is required, for the digester system shall be submitted to the Solid Waste Section within 30 days of receipt.
  - b. At a minimum, the biofilter media shall be regenerated or replaced, **annually, by June 15th each year**, unless the permittee provides documentation to the Department which demonstrates that the biofilter efficiency has not significantly decreased for the previous year.
  - c. The temperature of the air flow to the biofilter, the back pressure to the biofilter, and the biofilter bed depth shall be monitored to evaluate the efficiency of the unit.
  - d. Liquids which discharge from the scrubber shall be recirculated into the digester system, discharged to the leachate management system at the site, or removed for off-site disposal at a permitted wastewater treatment facility.
  - e. Liquids which discharge from the scrubber shall be sampled and analyzed to adequately demonstrate that the liquids are not a hazardous waste, and to monitor the effectiveness of the scrubber unit. The quality of the air flow to the scrubber and out of the scrubber shall be monitored to allow for the evaluation of the effectiveness of the scrubber unit.
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. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

**SPECIFIC CONDITIONS:**

**DRAFT**

(Specific Condition #9, cont'd)

- 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 March 15th** each year.
10. **Recordkeeping and Reporting.**
  - a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.
  - b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.
  - c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows on the composting pads, the quantity of finished compost produced, and the length of time required to finish the compost.
  - d. The following information shall be recorded daily, compiled monthly, and submitted to the Department **quarterly**:
    - 1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester.
    - 2) The quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.
    - 3) Moisture content and temperature of each compartment of the digester unit.
    - 4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.
  - e. The following information shall be submitted to the Department **quarterly**:
    - 1) Analytical results for:
      - a) Scrubber discharge water;
      - b) Scrubber air discharge; and
      - c) Finished compost.
    - 2) Average residence time for material in the digester each month.
    - 3) Quantity of finished compost.



**DRAFT**

**SPECIFIC CONDITIONS:**

(Specific Condition #10, 'cont'd)

f. Reporting required by Specific Conditions #10.d and e., above, shall be in accordance with the following schedule:

- 1) Activity from June 1st through August 31st, report due September 15th;
- 2) Activity from September 1st through November 30th, report due December 15th;
- 3) Activity from December 1st through February 28th, report due March 15th; and
- 4) Activity from March 1st through May 31st, report due June 15th.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #10.f. above.

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 or leachate management system. Floors shall be free of standing liquids.

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system at any time.

c. 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.

**DRAFT**

**SPECIFIC CONDITIONS:**

(Specific Condition #12, cont'd)

- d. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease no later than **December 31, 1998**.

**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. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

**14. Financial Assurance.** The owner or operator shall provide financial assurance for this solid waste management facility. Since the digester facility is an integral part of the materials recovery facility (MRF) located at the site, the costs for loading, transportation and disposal of the maximum quantity of feedstock which may be at the facility at any time may be included with the financial assurance cost estimates for the MRF.

- a. 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**. Proof that the financial mechanism has been funded adequately shall be submitted **annually**.

**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.**

- a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, 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:

- 1) Damage to any portion of the site facilities;
- 2) Failure of any portion of the associated systems;
- 3) Emergency incidents such as fires or explosions;
- 4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

**DRAFT**

**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 Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

18. **Fire Safety.**

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.** Chapter 62-709, F.A.C. (effective 11-21-89), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

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 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by June 15th each year	Regenerate biofilter media
9.b.	Annually, by March 15th each year	Revised Operations Plan
10.d., 10.e., 10.f.	Quarterly, by September 15th, December 15th, March 15th, and June 15th	Waste quantity reports, analytical results
12.d.	December 31, 1998	Cease use of leachate impoundments
13.	180 days prior to date of final material acceptance	Closure notification
14.a.	Annually, by June 30th	Revised financial assurance cost estimates
14.a.	Annually	Proof that financial mechanism is adequately funded
16.b.	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**

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 7/14/97 Subject Draft Digester permit  
Time 933-1107 Permit No. \_\_\_\_\_  
County Sumter  
M David Springstead Telephone No. 352-787-1414  
Representing \_\_\_\_\_  
☐ [ ] Phoned Me ☐ [ ] Was Called ☐ [ ] Scheduled Meeting ☐ [ ] Unscheduled Meeting  
Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting \_\_\_\_\_

- 3.b. This permit doesn't cover those, they are in old composting permit,  
Add "under roof in areas w/ LCS" -  
ok 7.f. want spillage inside building to be cleaned up at end of  
day, not immediately; intent is to clean up before  
start next activity  
7.g. leakage - intent is leakage on soils, checking activity  
immediately upon discovery  
8.a. He will check w/ Air Section on status  
ok 8.c. Temperature of air to biofilter is same as the O<sub>2</sub> <sup>in</sup> scrubber.  
back pressure <sup>to biofilter</sup> is measured  
ok 10.a. records for <sup>5</sup> years, minimum or as otherwise required by rule  
10.d. & e. Told him since we agreed to issue permit based on  
their proposed "research" they need to do testing  
to demonstrate effectiveness of process.

(continue on another  
sheet, if necessary)

Signature

Over

Title

10.d. & e.

suggested that they limit additives to one per quarter to minimize testing costs.

10.d. & e.

waste quantity  $\Rightarrow$  want monthly totals

water quantity  $\Rightarrow$  monthly totals

moisture content/temperature  $\Rightarrow$  can give me average over time for each additive (eg. can moisture added from 1<sup>st</sup> to 15<sup>th</sup>, then can average temp & mo<sup>st</sup> for 1-15<sup>th</sup>) OR can give me daily raw numbers

APC - checking a box on listing dates used


10.e. scrubber ~~is~~ uses fresh water every day  
must have fresh water every day for makeup water  
est. 7-8 gpm makeup water

(1)(a) & (b) He will discuss w/ Gary - maybe once per quarter per additive.  
- my concern is that they don't test final product for everything (eg. semivolatiles) & scrubber water  
my show what's in it

ok ~~(1)(c)~~ delete

ok 16.b.

Failure of any portion  $\Rightarrow$  not minor equipment repairs  
"other than minor equipment repairs"

  
PEI



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## FAX TRANSMITTAL SHEET

7/8/97  
Date

**FAXED**  
7:50 AM  
7/9/97

TO: David Springsstead  
Phone: 352-787-1414 Fax: 352-787-7221

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

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 11

SUBJECT: Digester Permit

Attached are the specific conditions for  
the digester permit. Please pass them  
along to Gary Brecken for comment  
(I do not have his fax #).

Please comment no later than 7/14/97.

I will be trying to send out next week.

Thanks.

## Transmit Confirmation Report

No. : 003  
Receiver : 813527877221  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Jul 09 97 7:45  
Time : 07'21  
Mode : Norm  
Pages : 11  
Result : OK





# 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  
319 E. Anderson Ave.  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: SC60-298996  
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  
Composting Facility-  
Digester

**DRAFT**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. 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** an expansion to the existing Composting Facility, referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 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. Composting Facility - Digester

**Replaces applicable conditions of Permit Number: N/A, new**

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.

**DRAFT**

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for construction of the digester system and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Application for a Permit to Construct a Solid Waste Digester for the Production of Compost at the Sumter County Solid Waste Management Facility, dated December 24, 1996;

b. Request for Additional Information Composting Facility Expansion- Digester, dated February 17, 1997 (received February 18, 1997);

c. Additional information received February 28, 1997;

d. Bedminster Digester System Operation and Maintenance Manual, dated January 13, 1997 (received February 24, 1997);

e. Request for Additional Information Composting Facility Expansion- Digester, (including drawings) dated April 14, 1997;

f. Additional information dated May 6, 1997 (received May 7, 1997);

g. Plan Sheets titled, Sumter County Solid Waste Management Facility MSW Compost Digester, signed and sealed December 24, 1996, including the following revised sheets:

- 1) Sheet 5 of 5 received, February 18, 1997;
- 2) Sheet SUM EL01 received February 18, 1997;

h. and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**

a. This permit is valid for the construction of the digester system and related appurtenances (e.g. biofilter and scrubber). This permit does not authorize the operation of this system. 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.

**SPECIFIC CONDITIONS:**

**DRAFT**

(Specific Condition #3, cont'd)

- b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.
  - c. This permit does not authorize the construction of a future "finishing" building. The construction of this facility may require a separate permit.
  - d. 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.
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 62-701.300, F.A.C., shall not be violated.

DRAFT

**SPECIFIC CONDITIONS:**

**7. Facility Operation Requirements.**

a. Except for "start-up" and "shake-down testing," material shall not be processed in the digester system prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

b. The permittee shall operate this facility in accordance with Chapter 62-709, F.A.C.; 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.

c. Litter shall be collected at least once daily.

d. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall removed to an appropriate off-site disposal facility.

e. All compost additives (e.g. biosolids, domestic waste residuals/sludge, animal manure, urea, lime, etc.) shall be stored in covered containers in areas with leachate collection. Additives shall not be stored for greater than **ninety (90) days**. Additives shall be managed and stored in a manner which prevents odor or vector problems.

f. All processed and unprocessed materials shall be unloaded inside the building or into trucks or containers on paved areas. Spillage from the loading, unloading or sampling activities shall be cleaned up **immediately** (prior to continuing with other facility operations).

g. Leakage of fuels, oil, grease, other lubricants or fluids, from the digester equipment shall be cleaned up **immediately** (prior to continuing with other facility operations) and stored in a covered container for off-site disposal.

h. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

i. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

**SPECIFIC CONDITIONS:**

**DRAFT**

(Specific Condition #7, cont'd)

j. In order to minimize the potential for explosions and fires, explosive items (e.g. fireworks, ammunition, some aerosol cans) shall be removed from the waste stream prior to processing in the digester unit.

k. Finished compost materials shall be sampled and analyzed in accordance with 62-709.530, F.A.C.

**8. Scrubber and Biofilter.**

a. A copy of a permit issued by the Department's Air Resources Section, or documentation that no permit is required, for the digester system shall be submitted to the Solid Waste Section within 30 days of receipt.

b. At a minimum, the biofilter media shall be regenerated or replaced, **annually, by June 15th each year**, unless the permittee provides documentation to the Department which demonstrates that the biofilter efficiency has not significantly decreased for the previous year.

c. The temperature of the air flow to the biofilter, the pressure drop across the biofilter, and the biofilter bed depth shall be monitored to evaluate the efficiency of the unit.

d. Liquids which discharge from the scrubber shall be recirculated into the digester system, discharged to the leachate management system at the site, or removed for off-site disposal at a permitted wastewater treatment facility.

e. Liquids which discharge from the scrubber shall be sampled and analyzed to adequately demonstrate that the liquids are not a hazardous waste, and to monitor the effectiveness of the scrubber unit. The quality of the air flow to the scrubber and out of the scrubber shall be monitored to allow for the evaluation of the effectiveness of the scrubber unit.

**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 March 15th each year**.

DRAFT

**SPECIFIC CONDITIONS:**

**10. Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows on the composting pads, the quantity of finished compost produced, and the length of time required to finish the compost.

d. The following information shall be recorded daily, compiled monthly, and submitted to the Department quarterly:

1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester.

2) The quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.

3) Moisture content and temperature of each compartment of the digester unit.

4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department quarterly:

1) Analytical results for:

a) Scrubber discharge water;

b) Scrubber air discharge;

c) Unfinished material which exits the digester unit; and

d) Finished compost.

2) Average residence time for material in the digester each month.

3) Quantity of finished compost.

f. Reporting required by Specific Conditions #10.d and e., above, shall be in accordance with the following schedule:

1) Activity from June 1st through August 31st, report due September 15th;

DRAFT

**SPECIFIC CONDITIONS:**

(Specific Condition #10.f., cont'd)

2) Activity from September 1st through November 30th, report due December 15th;

3) Activity from December 1st through February 28th, report due March 15th; and

4) Activity from March 1st through May 31st, report due June 15th.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #10.f. above.

**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 or leachate management system. Floors shall be free of standing liquids.

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system at any time.

c. 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.

d. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease no later than December 31, 1998.

**SPECIFIC CONDITIONS:**

**DRAFT**

**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. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

**14. Financial Assurance.** The owner or operator shall provide financial assurance for this solid waste management facility. Since the digester facility is an integral part of the materials recovery facility (MRF) located at the site, the costs for loading, transportation and disposal of the maximum quantity of feedstock which may be at the facility at any time may be included with the financial assurance cost estimates for the MRF.

a. 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**. Proof that the financial mechanism has been funded adequately shall be submitted **annually**.

**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.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. In the event of the following occurrences, 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:

- 1) Damage to any portion of the site facilities;
- 2) Failure of any portion of the associated systems;
- 3) Emergency incidents such as fires or explosions;
- 4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.



**DRAFT**

**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 Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.
18. **Fire Safety.**
- 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.** Chapter 62-709, F.A.C. (effective 11-21-89), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

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

**DRAFT**

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 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by June 15th each year	Regenerate biofilter media
9.b.	Annually, by March 15th each year	Revised Operations Plan
10.d., 10.e., 10.f.	Quarterly, by September 15th, December 15th, March 15th, and June 15th	Waste quantity reports, analytical results
12.d.	December 31, 1998	Cease use of leachate impoundments
13.	180 days prior to date of final material acceptance	Closure notification
14.a.	Annually, by June 30th	Revised financial assurance cost estimates
14.a.	Annually	Proof that financial mechanism is adequately funded
16.b.	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



# Department of Environmental Protection

Lawton Chiles  
Governor

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

Virginia B. Wetherell  
Secretary

May 28, 1997

CITY OF CLERMONT  
P O BOX 120219  
CLERMONT FLORIDA 34712-0219

ATTENTION WAYNE SAUNDERS  
CITY MANAGER

D.E.P.

OCD-DW-97-0388

MAY 30 1997

SOUTHWEST DISTRICT  
TAMPA

Lake County - DW  
Clermont West WWTP  
Residuals Disposal

Dear Mr. Saunders:

This is in response to your May 22, 1997 letter requesting permission to temporarily dispose of residuals, from the referenced wastewater treatment plant, by transporting to a Sumter County solid waste facility for composting.

It is understood that this request is for a sixty (60) day trial period and that if successful, a request for a permanent modification to the permit for your treatment plant will be made.

The Department does not object to this request. Be sure to maintain the Residuals Tracking Forms for all waste transported to the compost facility. All other conditions of your permit remain in effect.

Your cooperation in these matters is appreciated.

Sincerely,

H. Lee Miller  
Section Supervisor  
Domestic Waste Permitting

HLM/cs

cc: Susan J. Pelz, P.E., DEP Tampa

26/4



**Springstead  
Engineering, Inc.**

Consulting Engineers - Architects - Planners - Surveyors

EB - 0001723

AA - 0002820

LB - 0001723

727 South 14th Street  
Leesburg, Florida 34748

Lake (352) 787-1414

Sumter (352) 793-3639

Fax (352) 787-7221

## FACSIMILE TRANSMITTAL SHEET

DATE:

5/27/97

TO:

SUSAN PELZ, PE.

COMPANY:

FDEP

PHONE NO.:

813-744-6100

FAX NO.:

813-744-6125

FROM:

David W. Springstead, P.E.

COMPANY:

Springstead Engineering, Inc.

PHONE NO.:

(352) 787-1414

FAX NO.:

(352) 787-7221

NO. OF PAGES:

1 (Excluding This Cover Page)

ADDITIONAL COMMENTS:

PLEASE CALL ME IF YOU HAVE ANY  
QUESTIONS.  
THANKS  
DAVID.

If you experience any problems with this fax, contact Joy at (352) 787-1414.

(SFI.FAX)

**CITY OF CLERMONT**

Office of the City Manager

May 22, 1997

Mr. Lee Miller  
Central District - Domestic Wastewater  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

RE: Sludge Disposal at Clermont West WWTP  
0.95 MGD West Side Treatment Plant  
FDEP Permit No. DO35-156301

Dear Mr. Miller:

This letter is to follow-up recent telephone conversations held with John Springstead, City Engineer, and is a formal request for temporary approval to operate the above referenced facility in a manner other than that permitted. The use and disposal of the facility's dewatered sludge has been requested by the Sumter County Composting, Processing and Recycling Facility located in Sumterville, Sumter County, Florida for the start-up of that facility.

The sludge will be mixed with organics from the solid waste stream at the Sumter facility and will be composted in a digester for three (3) days and then in windrows for thirty (30) days. The facility is being permitted by FDEP - Southwest under Permit No. SO60-211179. Susan J. Pelz, P.E. is the permitting engineer.

The City requests that a sixty (60) day time period be allowed for disposal of the dewatered sludge at the Sumter facility in addition to our permitted disposal facility.

If you should have any questions, please contact David Springstead at Springstead Engineering, Inc. at (352) 787-1414.

Sincerely,  
City of Clermont

Wayne Saunders  
City Manager

cc: Preston Davis, City of Clermont  
Garry Breeden, Sumter County  
Terry Hurst, Sumter County  
David Springstead - Springstead Engineering, Inc.

BPP, SER FILE NO. 92-1100-004

(May 22, 1997 - sludge.mtl)

*[Handwritten signature]*  
*DWS A*

RECEIVED  
MAY 23 1997  
FBI



**Springstead  
Engineering, Inc.**

Consulting Engineers — Planners — Surveyors

FILE

727 South 14th Street  
Leesburg, Florida 34748

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

May 6, 1997

RECEIVED  
MAY 07 1997  
D E P

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

RE: Response to Comments; Pending Permit No. SC60-298996  
Sumter County Composting Processing and Recycling Facility  
SEI File No 92-1100.004

Dear Ms. Pelz:

Please find below the responses to the items discussed with you on the telephone on April 29 and May 1, 1997.

1. You requested the tables referenced in Bedminster's report on Odor Management as presented to you in Appendix A of the April 14, 1997 submittal for the subject project.
1. Tables 1,2,3 and 4 are attached.
2. You requested the testing data from ERM-Southeast for the scrubber water quality as referenced in the scrubber operation comments in Appendix B of the April 14, 1997 submittal for the subject project.
2. The report of testing data is attached.
3. You questioned where the air is exhausted from the collection header the if the scrubber is not in use.
3. There is no outlet for exhausting the air designed in the system. A "T" and valve will be placed in the line leading to the biofilter to allow this air to be exhausted.
4. You asked what happens to the discharge water from the scrubber.
4. The discharge water will be piped to the collection manhole for the biofilter and be pumped back into the holding tank. The attached drawing depicts the proposed piping.
5. You asked for clarification that the 12" pipe carries both the air from the scrubber to the biofilter and the drainage water from the biofilter to the manhole to be pumped into the holding basin.
5. Your understanding of the piping is correct.
6. You commented that the air section at FDEP will be sending the County a letter requesting an air permit for the facility. You also indicated that this permitting process

(see Board Document)

Ms. Susan J. Pelz, P.E.

May 6, 1997

Page No. 2

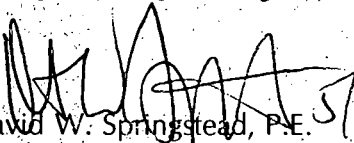
should not affect our schedule for the start-up/shakedown, equipment acceptance testing process.

6. Neither the County or SEI has received the letter from the air permits section.
7. You requested information as to what happens if the digester shuts down when no one is at the plant. You questioned what are the potential for fire and what problems would the material in the drum create if it were not turning.
7. I called Keith Sanders to discuss this item with him. He stated that normally the facilities do not have employees on duty 24 hours a day. The Sevierville facility does have someone working there 24 hours a day at this time, but that it is due to the abundance of work with the operation, not to watch the digesters. Keith said that the facility in Cobb County, Georgia was not designed to have 24 hour employees but that the system notifies a central controller if power is lost at a digester or at the facility. Keith said that there is no more potential for fire or explosion if there is a loss of power than when the digester is operating. If the power is out, the blower will stop but air will move out of the digester through the ram feed unit as the seals are not air-tight. The variable frequency drive unit has the capability to determine when power is lost, so the time required to process can be completed when the unit comes back on line.

In addition, we have changed the configuration of the sludge holding/mixing/pumping basin to utilize secondary sludge. This will give us better control of the moisture content in the first chamber of the digester. A schematic is attached showing the configuration. We anticipate that the construction and procurement of the materials can be achieved in 1 week. We are proceeding at this time.

We hope that the provided information meets your needs at the present time. Please contact me if you have any questions or need additional information.

Very truly yours,  
Springstead Engineering, Inc.

  
David W. Springstead, P.E. 5/6/97  
Engineer  
Florida Registration No. 48229

DWS

Attachments      1. Tables  
                         2. Test Data

cc:      Garry Breeden  
         Terry Hurst  
         Mitch Kessler/Allison Searcy

Sumter Co.  
Digester

4.30.97

RJB, SJP







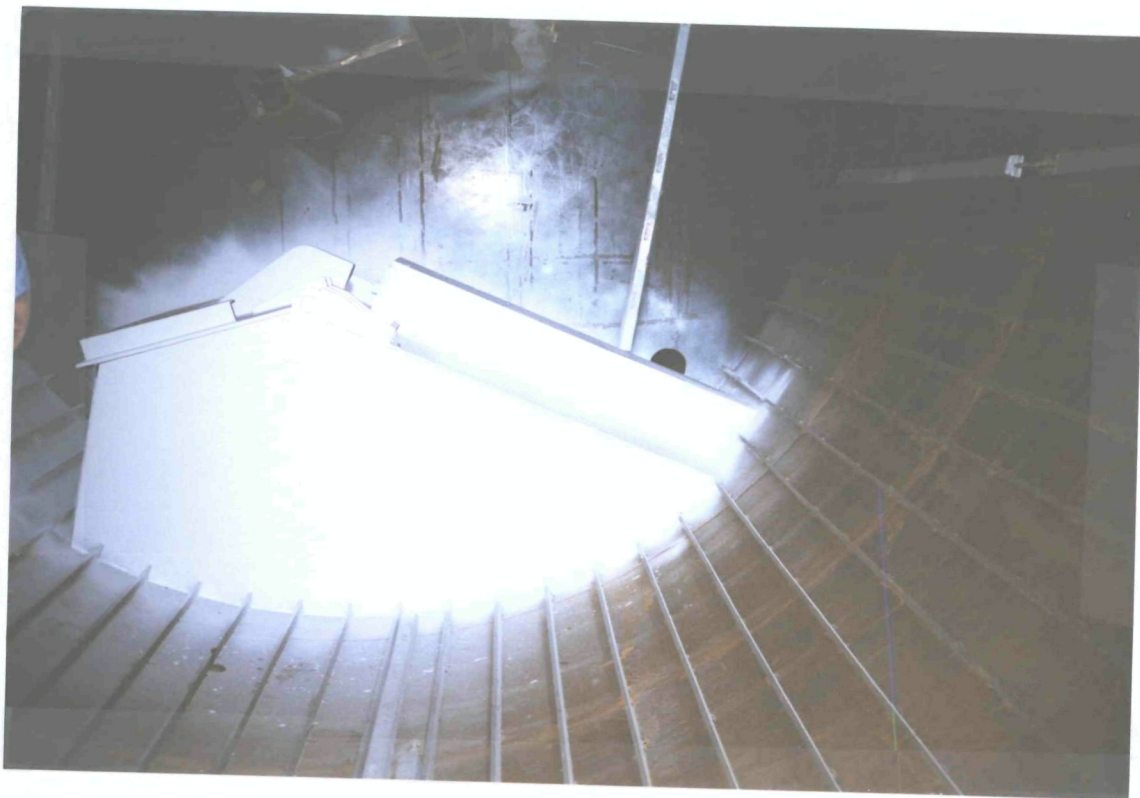




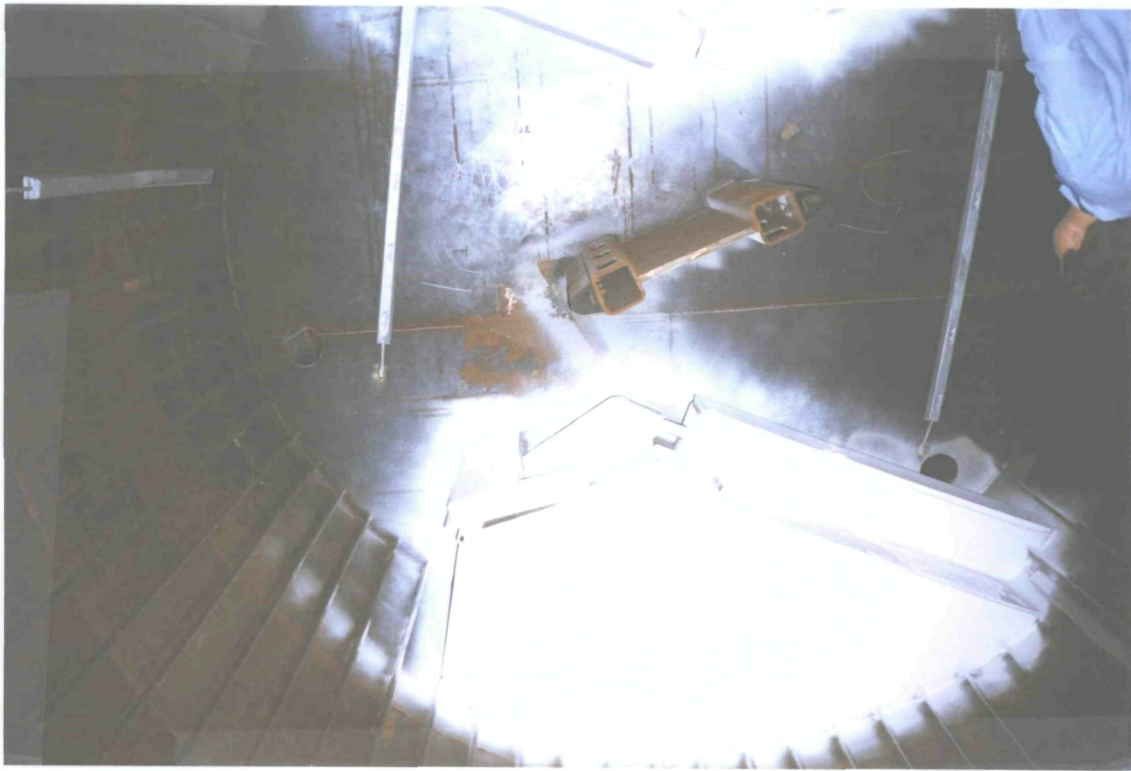








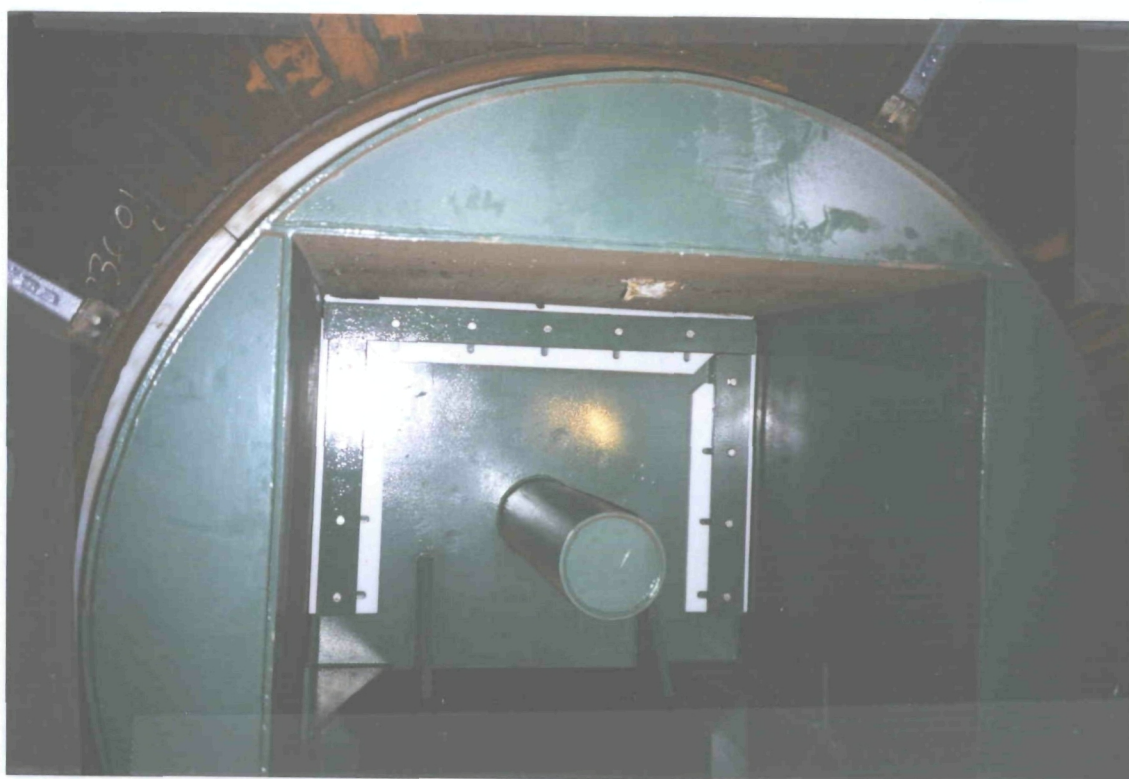






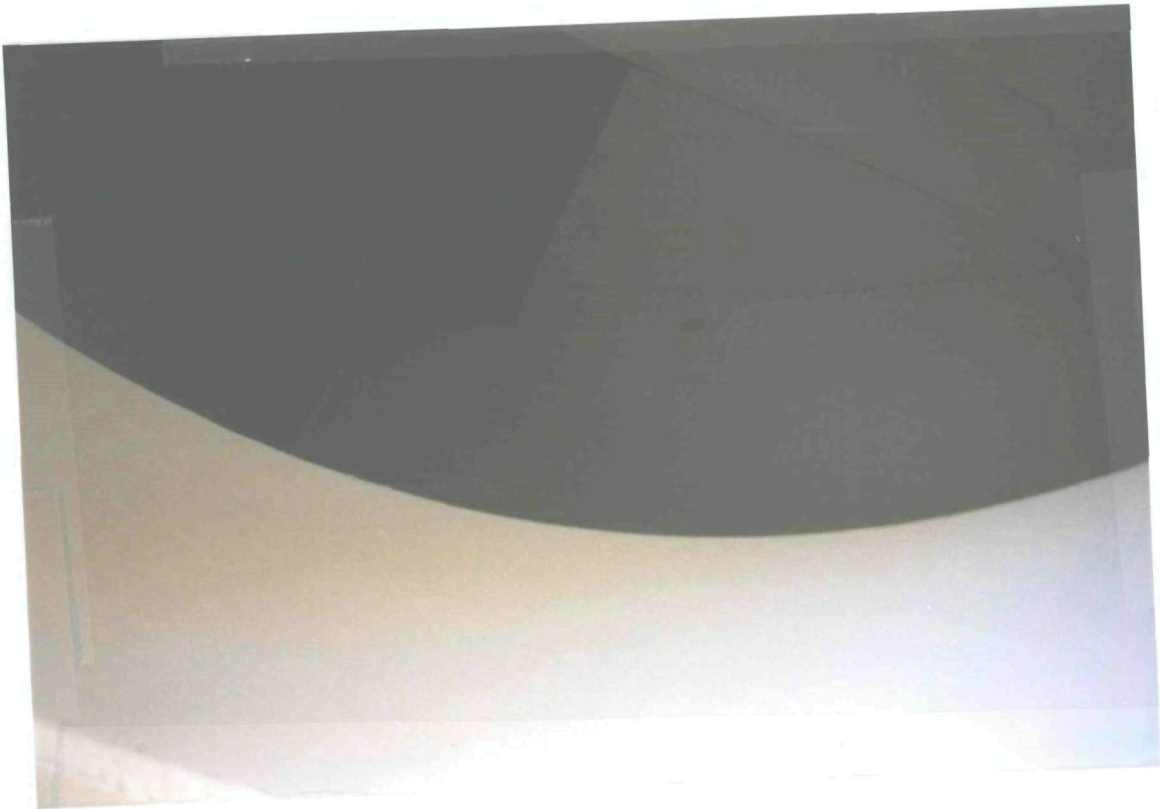
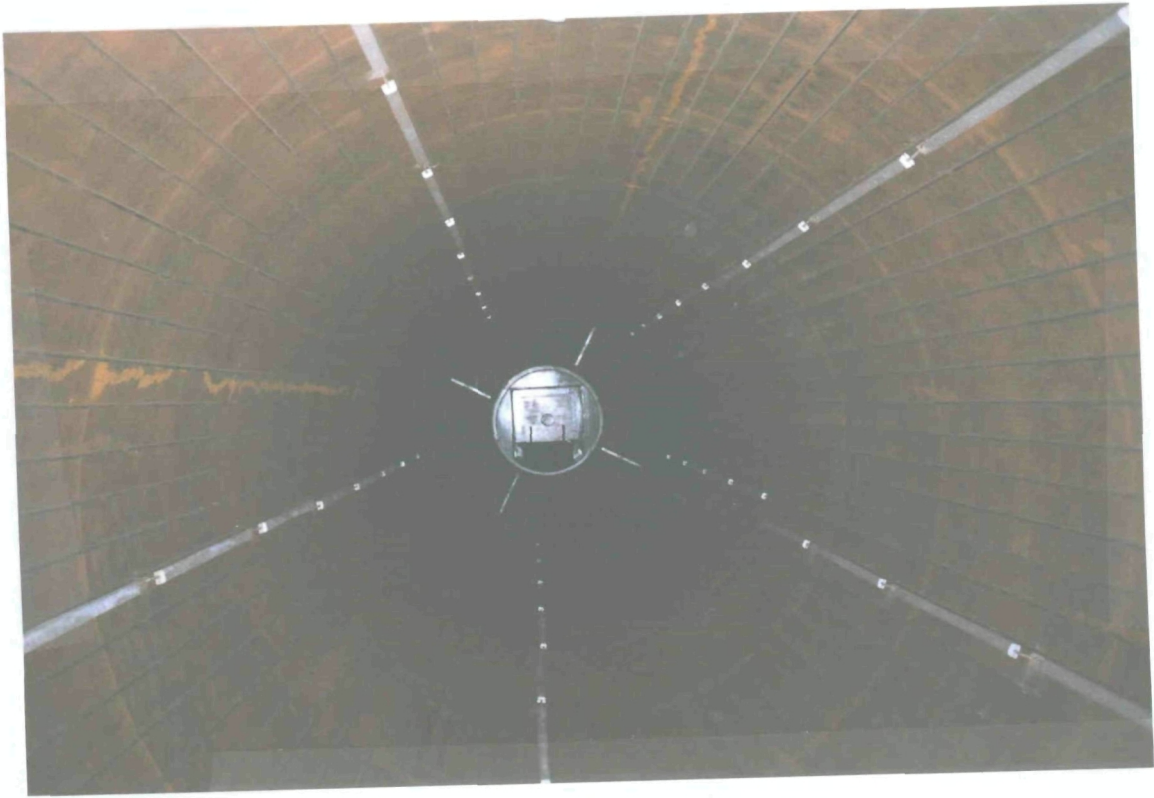












STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

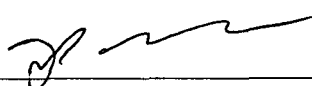
Date 4/29/97 Subject Sumter Digester 4-14-96 submittal  
Time 2:19p Permit No. \_\_\_\_\_  
County \_\_\_\_\_  
M David Springstead Telephone No. 352-787-1414  
Representing \_\_\_\_\_  
☐ Phoned Me ☒ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting  
Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting \_\_\_\_\_  
Appendix A - Need Tables for "Odon Mgmt & Bedminster ... in Dale Co."  
Table 1 (p.11), Tables 2, 3, 4 (p.12)  
Appendix B - Scrubber water quality "Attached testing data"  
FE95135-1 Where does scrubber effluent (dirty water) go?  
How can they not use the biofilter? How will valving be set up?  
Where does dirty water go?

(continue on another  
sheet, if necessary)

Signature \_\_\_\_\_

Title \_\_\_\_\_

  
EII

SOLID WASTE

RB RB

MEMORANDUM

TO: Gerald J. Kissel, P.E.  
District Air Engineer

FROM: William E. Schroeder  
Air Permit Engineer

DATE: April 24, 1997

SUBJECT: Sumter County Landfill  
100 TPD CONTINUOUS (ROTARY) SOLID WASTE COMPOSTING  
FACILITY

Attached is the information which was passed to the Air Section from Susan Pelz. Originally she was good enough to pass this to us for inclusion of air requirements in their solid waste permits. However, according to the background material included with the package, they could potentially be a Title V source if uncontrolled.\*

Since they have that potential, and are operating control equipment (wet scrubbing and a biofilter), it appears that we should request a permit application for an Air Construction permit.

\*NOTE: I tried to locate the information cited as an emission factor for VOC, 0.05% of weight processed (internet, EPA, etc.) but have not been able to substantiate this. However, since they are accelerating the decomposition process, it may be reasonable.

cc: Susan Pelz

4/29

D.E.P.

APR 28 1997

SOUTHWEST DISTRICT  
TAMPA

# Composting: Taking the Road Less Traveled

*Three companies that have defied the odds, the markets, and unlikely locations to succeed in composting show how going off the beaten path has made all the difference.*

**L**ast November, the Composting Council (Alexandria, Va.) brought together companies, federal agencies, universities, recycling and composting organizations, and individuals for its seventh annual conference, entitled "Mapping the Future." For communities across the nation wondering how they are going to meet waste diversion goals by the year 2000, the conference focused on new products, innovations, and technology designed to help people have greater success in composting, whether in their places of business or in their back yards.

Of the many presenters at the conference, this article highlights three: Robert Dow, Mitch Kessler, and Nancy Allen. Although the systems they have developed do not appear, at first glance, to have much in common besides the conference presentations, they all represent how composting in unlikely locations—with unlikely materials or limited resources—can still work. Here are their stories.

**By Kim A. O'Connell**



## A MODEL FACILITY: MSW Composting in Sumter County, Fla.

**A**lthough most people can agree that, in general terms, composting is beneficial and worth doing—especially in light of reports that a combination of composting and current recycling practices could keep more than 70% of all garbage out of landfills and incinerators (see *Waste Age*, March 1996, p. 48)—many in the solid waste industry still question the viability of municipal solid waste (MSW) composting.

MSW composting facilities process all the organic matter found in household refuse. To produce useable compost, these facilities must also effectively separate out contaminants, such as plastics or metals, that often make their way into the mix. Numerous MSW facilities have failed, for reasons ranging from lack of odor control to poor-quality finished products. As an example, a table in the March 1996 issue of *Waste Age* listed all five MSW composting facilities (existing or proposed) in the state of Florida. Of these five operations, two are closed, one is operating only as a materials recovery facility, and one is undergoing permitting, leaving only a single MSW composting facility in the whole Sunshine State that is up and running: the Sumter County Solid Waste Composting, Processing, and Recycling Facility.

The Sumter County facility's story is one of beating the odds, of perseverance, and of taking responsibility. In 1987, the county was forced to close its small landfill, and state law required that the county increase its recycling. "They could have built another landfill, they could have transferred the garbage out," but instead the county decided to build one of the "first-generation" mixed waste composting facilities, says Mitch Kessler, president of TIA Solid Waste Management Consultants, Inc. (Tampa, Fla.), a company that plans, designs, and implements integrated waste management systems. TIA has been involved with the county for six years.

The county has owned the facility since 1988, but for its first five years it was operated by Amerecycle, Inc. Because of litter problems and contaminants being

ground up with the organic material, the county decided "the operating company wasn't performing to their level of satisfaction," Kessler says.

In July 1993, the county decided to take charge of its own MSW destiny and assumed control over the facility. At that time, Kessler began to work intensively with the county's public works director and improve upon the existing structure and technology.

Initially, facility operators would use a Hammer Mill (Buffalo, N.Y.) shredder to grind up everything that came through the plant. "One of the biggest problems we faced was all the plastic in the waste stream that was getting ground up," Kessler recalls. "Once you start shredding plastic bags, you have plastic confetti. And as

soon as you put that material outside, it starts blowing around. The second [issue] was that we were doing outdoor windrow composting, which gives you less environmental control. The third item that we wanted to improve upon was the amount of recyclables we could pull out of the system up front.

"Then what we did was [evaluate] the entire recycling and composting industry and looked at everything that was out there," Kessler continues. "It took us about a year. We looked at all types of up-front processing equipment to handle MSW and remove recyclables...and also those materials that would be contaminants to the composting feedstocks."

Armed with a \$5-million bond from the county, Kessler was determined to make MSW composting work in Sumter County and fulfill its goal of recovering more than 75% of the waste stream.

### **A class (A) act**

At the drawing board, TIA and the RRT Design and Construction Corp. (now WMI Recycling, Inc.) settled on a design for a 30,000-square-foot facility designed to process 100 tpd of MSW. The facility's components were to be incorporated in three phases.



**Teams of employees** pull out contaminants and sort recyclables, sending the remainder off to be composted.



The first phase, just completed, involved building a large, divided tipping floor that allows commercial haulers to unload materials on one side and homeowners to drop off their recyclables on the other. Almost immediately after materials are left on the tipping floor, a Bobcat (Fargo, N.D.) front-end loader transports them to a complex, but logical, \$1.3-million system of conveyor belts. These conveyors have stations manned by teams of employees who pull out contaminants and recyclables—including recoverable paper, plastic film, glass, old corrugated containers, nonrecyclable bulky waste, and other items. The recyclables are then conveyed to an area where they are baled and sent off to market. Overhead magnets pull out ferrous metals, and an eddy current separator pulls aluminum off the line. Compostable materials are fed through a screen and sent to the back of the facility, where they will be put through a Eweson (Marietta, Ga.) digester. The \$1.6-million digester system—phase two—should be on-line sometime this year.

"After it goes through this recycling system, the material comes together and goes to the composting area," Kessler says. "The best way for us [to control environmental conditions] was in an enclosed digester system. The compost will go into this enclosed vessel, and in that tube you can control moisture, you can control temperature, and you don't have a litter issue....The other significant advantage is that we have the option to add animal manure or sludge," Kessler says. "The objective is to have Class A compost, which is the best compost grade in Florida."

The materials travel through the digester for three days, which "speeds up the [composting] process two to three weeks, as opposed to outdoor windrows," Kessler says. What comes out is a humus-like substance—"the very early stages of compost," he says.

Once the material is taken out of the digester, it will be put into windrows for a variable period of time, depending on how much the windrows need to be aerated. Then the material would go into a finishing and curing building—phase three—which may require additional monies to be implemented.

"You're talking about a lot of dollars," says Benny Strickland, the county commissioner. "We are still trying to obtain another grant, and the reason we're doing that is for the finishing building. Because, in my opinion, it's very critical to control the environment to produce a Class A compost."

During the planning process, the facility did not process or compost any incoming waste. Instead, it was stored in a temporary cell, according to Strickland. However, the

local Department of Environmental Protection ordered the facility to remove materials from the cell by March 1996, providing the facility with an unexpected opportunity to glimpse the future. By processing the stored materials, the county was able to produce and market 3,700 tons of Class A compost, 9,200 tons of Class B compost, and 6,900 tons of Class C compost. If it can do all this without the front-end separation system or the digester, the new facility appears likely to produce Class A compost on a consistent basis.

But what about the problems that have doomed other MSW composting facilities? "Systems fail for a number of reasons," Kessler says. "One is [faulty] technology; two is siting," problems Kessler says the rural Sumter County facility does not have. "We have all kinds of state-of-the-art safeguards, including a biofilter and a scrubber to control odor."

"It's really a state-of-the-art facility [that can] maximize the recovery of these recyclables and produce quality compost from MSW," Kessler says. "I think it will soon become a model facility."





# Springstead Engineering, Inc.

Consulting Engineers – Architects – Planners – Surveyors

**RECEIVED**  
APR 14 1997

EB - 0001723  
AA - 0002820  
LB - 0001723

727 South 14th Street  
Leesburg, Florida 34748

Lake (352) 787-1414  
Sumter (352) 793-3639  
Fax (352) 787-7221

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

Department of Environmental Protection  
BY SOUTHWEST DISTRICT

Date: April 14, 1997

Job No.: 921100.004

Attention: Ms Susan Pelz

RE: Composting Facility Expansion-Digester (RAI)

## GENTLEMEN:

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

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile

☐ Copy of Letter ☐ Change Order ☐ \_\_\_\_\_

Copies	Date	No.	Description
4			Request for Additional Information - Composting Facility Expansion - Digester Pending Permit No. SC60-298996.

## 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-Sumter County  
Terry Hurst-Sumter County  
Mitch Kessler-TIA

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

*Joy Lombardi for PWS*  
David W. Springstead, P.E.



FILE

**DEPARTMENT OF ENVIRONMENTAL  
PROTECTION**

**Request for Additional Information**

**Composting Facility Expansion - Digester  
Pending Permit No. SC60-298996  
Sumter County**

PREPARED FOR:



SUMTER COUNTY BOARD OF COUNTY  
COMMISSIONERS  
209 NORTH FLORIDA STREET  
BUSHNELL, FLORIDA 33513

**RECEIVED**  
APR 14 1997

921100.004

Department of Environmental Protection  
BY SOUTHWEST DISTRICT

April 14, 1997

**Springstead Engineering, Inc.**

Consulting Engineers - Architects - Planners - Surveyors  
727 South 14th Street  
Leesburg, Florida 34748  
Lake (352) 787-1414  
Sumter (352) 793-3639 Fax (352) 787-7221

*See Board Report*

Mitch Kessler, Allison Sancy, (TIA), Terry Hunt, <sup>LB</sup>  
Canary Breeder (Sumter Co), David Springstead (Springstead Egn),  
Susan Pelz (FOEP)  
Sumter Co 4/8/97

EPCON doing digester installation

- expect to be complete w/ mechanical installation next wk
- testing
- final checks after loading w/ waste

Biofilter -

- under construction now
- pour next Tuesday
- last part of actual construction

As part of start up they will be testing different procedures

- 1) want to start w/ mat'l in digester, but not discharge air through biofilter & scrubber, want to discharge air to Atmosphere  
- ~~will~~ may use UF (Wayne Smith) to collect & evaluate data  
~~data~~
- 2) don't want to use scrubber initially because of wastewater; scrubber intended to control odors
- 3) biofilter - may not want to use - depends

Initially will discharge onto conveyor & then into truck  
truck will put material on North pad.

Start up testing w/ Belminster will include sludge  
but after that, they may use only Nitrogen & water  
on chicken manure

Told them that we could issue permit w/ startup procedures

- startup procedures should include :

~~also~~ options of equipment which will/may be used.  
biofilter, scrubber

- monitoring (air, water)

- what additives (sludge, chicken manure, nitrogen)  
may be used.

- time frames for startup.

- acceptance testing (Bedminster wants 2° sludge)

- testing, storage, handling procedures, record keeping.

Construction details - we need up front - prior to permit issuance

Assume get adequate info on 4-14-97 (Monday)

then complete school site visit on 4-29-97

if ok then may start 'startup, shake down, acceptance testing with Bedminster

---

Waste fire always < 1000

minor mod to MRF - other activities - white goods, appliances, lawn mowers, used oil  
- op plan w/ storage method & time & handling

Digester - SC will become SO & replace existing composting permit  
New bldg will be mod to composting permit

Told them if they are going to keep ponds <sup>(to use)</sup> - they will need to retrofit them.

TO:

Date: 3/19/97 05:58:36 PM  
From: Susan Pelz TPA  
Subject: Sumter co. digester

J 3/31

Sumter County is proposing to build a digester for their composting operation. You may or may not know what that is, but suffice it to say that it has a scrubber and a biofilter to remove VOCs and odor from their composting process. (They are composting garbage).

Are you guys interested in looking at it to see if they need an air permit? do you want to look at it and give us conditions to put in their solid waste permit?

Let me know. Thanks.  
Susan

*It should be covered by a permit in some way. I'd like to put the conditions into your permit, but the compliance aspects are awkward - we can't expect you to be knowledgeable about air rules, <sup>air</sup> test reports, etc. And you'd be doing the inspections.*

*But if you're willing, ~~we'd do it~~ <sup>it's OK with us.</sup> We do have some independent air permits for composting operations at sewage treatment plants, and we're willing to go either way on this - but the air aspects should be included in a permit.*

*J. Russel 3/23/97*

*C: Sumter Cty file*



# 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  
319 East Anderson Ave.  
Bushnell, FL 33513

March 24, 1997

RE: Composting Facility Expansion - Digester  
Pending Permit No. SC60-298996, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of the additional information received February 18, 1997 and February 24, 1997 submitted in support of your permit application dated December 24, 1996, to construct a digester system for the composting of solid waste at 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 [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

## Engineer's Report:

1. **Emergency Procedures, Fire Control.** The Department is aware of other facilities which have installed similar digester/biofilter systems which have experienced fires at the facility. The information submitted states, "In the event of fire, facility employees will initially attempt to put out the fire using the fire extinguishers located in the building while contacting the fire department via 911." (Page 2) The Operation and Maintenance Manual prepared by Bedminster does not appear to address fire prevention and control measures. Please provide detailed procedures for the prevention and control of fires at the facility. Please provide procedures in case of explosions within the digester unit. How will potential explosions within the digester be handled? Although the Operation and Maintenance Manual indicates that explosive items should be removed prior to the waste being discharged to the digester, it seems reasonable to expect that a minimal amount of combustible or explosive materials may reach the digester (e.g. aerosol cans, household batteries, etc.).



2. **Odor Control.** The information states, "The cut sheets for the scrubber and biofilter are attached. In addition,... an article... which discusses the use of a biofilter... [is attached]." (page 2)

a. Drawings SUM-EL01, and IE96218-2 appear to show the scrubber. However, manufacturer's cut sheets (which include a general description of the scrubber's function, performance, etc.) do not appear to have been provided for the scrubber.

b. It does not appear that manufacturer's cut sheets have been provided for the biofilter. Sheet SUM-EL01 states, "See SUM-SP01 for Site Layout of Biofilter." Sheet SUM-SP01 states, "Proposed biofilter provided by owner". Sheet M201-025 indicates that the biofilter details are on Sheet SUM-EL02. Sheet SUM-EL02 (and SUM-EL03 and SUM-EL04) does not appear to have been provided. Please provide construction details of the biofilter system, including piping, filter media, filter bed, etc. See also Comment #6, below.

c. The article provided indicates that maintenance is required for the biofilter to provide effective operation. The article also indicates that an air discharge permit has been required in other states for the biofilter system. Please clarify if the Department's Air Resources Section has been contacted to assess the requirement for an air permit for the biofilter and scrubber.

d. It appears that the Operation and Maintenance Manual prepared by Bedminster does not include operational or maintenance procedures for the biofilter, and the information provided for the scrubber does not appear to be complete. Please provide complete operational and design details of the odor control system (i.e. biofilter and scrubber), including equipment, piping, filter media, operational methods, etc. Manufacturer's cut sheets may be included to assist in clarifying this item.

#### **Operations Plan:**

3. **Biosolids.** The information indicates that Sumter County will not be including biosolids in the composting process at this time. (Engineer's Report, page 2) The Bedminster Operation and Maintenance Manual indicates that "optimal mixes of waste inputs, [are] approximately one wet ton of biosolids for each two wet tons of MSW.... (Operations Manual, page 6) [and] The plant will receive liquid sludge. (Operations Manual, page 10)" Please clarify if the facility will utilize biosolids in the composting process. If the facility will not receive biosolids, please evaluate the impact on the digester system and the composting process (since the biological activity of the biosolids will not be included).

4. **Scrubber.** Please provide operational procedures for the scrubber. Please provide information on the purpose of the scrubber, i.e. what contaminants are expected to be removed, and the expected performance. Will the influent and effluent air be monitored? What parameters will be monitored? How is the wastewater which is generated by the scrubber managed? Will the wastewater quality be monitored, for what parameters and frequency?

5. **Bedminster Operations and Maintenance Manual.**

a. Pages 9-10. The information indicates that water treatment residues should be removed prior to loading waste into the digester (page 9). However, later information provides procedures for determining the moisture content for "sludge from water treatment facilities...." (page 10). Please clarify this discrepancy.

b. The information (page 17) indicates that all downstream equipment such as the discharge conveyor, trommel loading conveyor, trommel, etc. must be operating prior to discharging from the digester. It does not appear that the pending permit application has included this equipment. The operations procedures for this equipment have not been provided and construction/installation details have not been provided on the drawings. Please clarify if the pending application is intended to include the discharge conveyor, trommel, etc. If so, please provide details and operational/maintenance procedures for this equipment.

c. The information states, "The Bedminster process involves keeping the materials in each compartment of the digester for a prescribed period of time." (page 19) However, this prescribed period of time was not provided. Please provide a description of how the digester functions in the composting process. This description should include, but not be limited to, a discussion of the time required for composting, loading rates, material balance, quality of material exiting the digester, management of material exiting the digester, volume reduction, expected performance, etc.

d. The information states, "The process of opening the sampling port for moisture samples, opening the manways for access to the interior of the digester and spillage or dust occurring during the discharge operation can result in material falling out of the digester." (page 22) Please clarify if impervious areas (e.g. concrete or asphalt) will be constructed below the access points (manways, discharge area, sampling points) to contain spillage. How will material which exits the digester be managed such that spillage does not occur? The drawings do not appear to show a truck loading facility for the material discharging from the digester.

**Drawings:**

6. Sheet 2 of 5. Please provide additional details on the piping north of the digester which extends to the biofilter.

7. Sheet SUM-EL01. Since the drawing submitted refers to several other drawings, the Department cannot fully evaluate the system. Please provide sheets SUM-EL02, SUM-EL03, and SUM-EL04. See also comment #2.b., above.

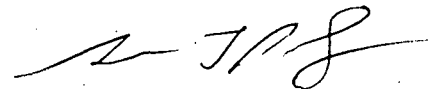
The following comment is for information only, at this time, and does not require an immediate response:

1. Please be advised that the Department's Air Resources Section may require a separate permit for the construction and operation of the biofilter and scrubber systems. Please contact Gerald Kissel, P.E. at 813-744-6100, extension 107 to evaluate the requirement for an air permit for these systems.

"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  
Southwest District

sjp

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.  
Leesburg, FL 34748  
Robert Butera, P.E., FDEP, Tampa  
Steve Morgan, FDEP, Tampa (e-mail)  
Gerald Kissel, P.E., FDEP Tampa (Air Section)

## Transmit Confirmation Report

No. : 008  
Receiver : 813527877221  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Mar 25 97 17:18  
Time : 02'59  
Mode : Norm  
Pages : 04  
Result : OK

To : DAVID  
SPRINGSTEAD  
**FAXED**  
FAX 352-877-7221



**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

February 19, 1997

Ms. Susan J. Pelz, P.E.  
Southwest District - Solid Waste Section  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**RE: Composting Facility Expansion - Digester  
Pending Permit No. SC60-298996, Sumter County  
921100.000**

**RECEIVED**  
FEB 24 1997  
Department of Environmental Protection  
BY \_\_\_\_\_  
SOUTHWEST DISTRICT

Dear Ms. Pelz:

As stated in our letter of 2/17/97; please find the following information:

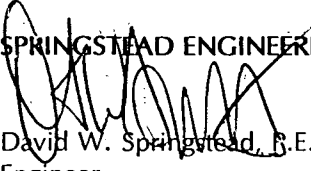
**Operations Plan:**

6. (Page 10, #5.b.) Please provide complete operations and maintenance plans for the digester system. These plans shall include written instructions for the daily operation and maintenance of the facility. Please provide a description of (and sample forms, if available) the records which will be maintained for the digester unit. Please provide a general description of how the digester functions in the composting process. Manufacturer's cut sheets may be included to assist in clarifying this item. See also comment #8, below.
6. Please find attached the requested O & M manual for the digester system.

We hope that this information meets your needs at the present time. Please feel free to contact our office if you have any further questions.

Sincerely,

**SPRINGSTEAD ENGINEERING, INC.**

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

cc Garry Breeden - Sumter County w/o attachment  
Terry Hurst - Sumter County w/o attachment  
Mitch Kessler - TIA w/o attachment

*see Board Report FILE*



# Springstead Engineering, Inc.

Consulting Engineers — Planners — Surveyors

**RECEIVED**  
FEB 18 1997

727 South 14th Street  
Leesburg, Florida 34748

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

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

Department of Environmental Protection  
SOUTHWEST DISTRICT

BY \_\_\_\_\_

Date: February 17, 1997

Job No.: 921100.000

Attention: Ms. Susan J. Pelz

RE: *Composting Facility Expansion - Digester*

**GENTLEMEN:**

WE ARE SENDING YOU XX Enclosed \_ under separate cover via \_\_\_\_\_ the following items:

\_ Shop Drawings      \_ Prints      \_ Plans      \_ Samples      \_ Specifications      \_ Facsimile  
\_ Copy of Letter      \_ Change Order      \_\_\_\_\_

Copies	Date	No.	Description
4	2/17/97	1	<i>Request for Additional Information - Composting Facility Expansion - Digester</i>
4		2	<i>Sets of Plans</i>

**THESE ARE TRANSMITTED as checked below:**

XX 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, Sumter County*

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

*(Signature)*  
David W. Springstead, P.E.

*(see Board Report)*



**RECEIVED**  
FEB 18 1997

Department of  
BY SOUTHWEST DISTRICT

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**REQUEST FOR ADDITIONAL INFORMATION  
COMPOSING FACILITY EXPANSION - DIGESTER**

PREPARED FOR



**SUMTER COUNTY  
BOARD OF COUNTY COMMISSIONERS  
209 NORTH FLORIDA STREET  
BUSHNELL, FLORIDA 33513**

FEBRUARY 17, 1997

\$21100.000

**Springstead Engineering, inc.**

Consulting Engineers - Architects - Planners - Surveyors

727 South 14th Street

Leesburg, Florida 34748

Lake (352) 787-1414

Sumter (352) 793-3639

Fax (352) 787-7221

FILE



# 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  
319 East Anderson Ave.  
Bushnell, FL 33513

January 22, 1997

RE: Composting Facility Expansion - Digester  
Pending Permit No. SC60-298996, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of your permit application dated December 24, 1996, prepared by Springstead Engineering, to construct a digester system for the composting of solid waste at 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 [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

## GENERAL:

1. Please provide four copies of all requested information. All copies must include the signature and seal of the professional who prepared them.
2. Due to limited storage capacity, please provide plan sheets which are 22" x 34" or 24" x 36", if available. Oversized aerial photos are acceptable.

## ENGINEER'S REPORT:

1. (Page 3) The information states, "Currently all material received at the facility is placed on the tipping floor, loaded and hauled to an FDEP approved disposal facility." Please clarify if the material is hauled offsite after processing through the MRF. Are recyclable materials which are removed from the waste stream also disposed of?



2. (Page 6, #1.d(3)) The information indicates that biosolids may be used in the production of compost. Please provide operational procedures for receiving, storing, and processing the biosolids. Please include details on the origin of the waste, the impact on the composting process, the impact on odor production at the facility, and other operational details as appropriate.
3. (Page 8, #2.c(2)) Please provide the SWFWMD permit number for the facility.
4. (Page 9, #3.g.) The information states, "The water treatment system is currently being designed and will be permitted shortly." Please clarify to what "water treatment system" this refers. Please provide the "suitable measures" which will be taken to prevent and control fires at the facility. In the event of a fire at the facility, what steps will be taken?
5. (Page 10, #3.h.) Please provide complete operational and design details of the odor control system, including equipment, operational methods, etc. Manufacturer's cut sheets may be included to assist in clarifying this item.

#### **Operations Plan:**

6. (Page 10, #5.b.) Please provide complete operations and maintenance plans for the digester system. These plans shall include written instructions for the daily operation and maintenance of the facility. Please provide a description of (and sample forms, if available) the records which will be maintained for the digester unit. Please provide a general description of how the digester functions in the composting process. Manufacturer's cut sheets may be included to assist in clarifying this item. See also comment #8, below.
7. (Page 10, #5.c.) Please specify the maximum time equipment will be inoperable prior to the material being removed offsite for disposal (i.e. implementing the contingency plan). Please explain if alternate equipment will be obtained in the event of equipment failure.
8. (Page 13, #5.g.) Since the Phase III composting/finishing building will not be constructed at this time, please provide interim operational procedures for managing the material which will exit the digester.

#### **Drawings:**

9. Sheet 2 of 5. Please provide a legend for this sheet. It does not appear that fencing is shown on this sheet (as indicated in the Engineering Report, page 5, #1.b.). Please show the location of the biosolids storage area. Please explain the purpose/function of the "annular depth gauge". Please provide additional details on the piping north of the digester which extends to the biofilter.
10. Sheet 5 of 5. Please specify the date and reference for the contours shown.

11. Sheet SUM-EL01. Since the drawing submitted refers to several other drawings, the Department cannot fully evaluate the system. Please provide a complete set of drawings for the digester system, biofilter, and appurtenances. Is the digester unit welded or bolted construction? Is the unit stainless steel, or have a protective coating (outside and inside)? How is leachate prevented from discharging from the unit?

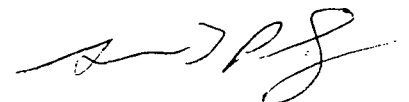
**The following comment is for information only, at this time, and does not require an immediate response:**

1. (Engineering Report, page 5) The information indicates that the type and source of solid waste is based on a January 1991 report prepared by TIA Solid Waste Management Consultants. Since this report is several years old, and the facility has increased its recycling efforts and developed more detailed recordkeeping procedures, the information in the 1991 report should be supplemented and updated by actual data developed by the facility.

"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  
Southwest District

sjp

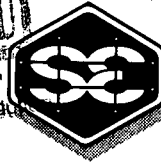
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.  
Leesburg, FL 34748  
Robert Butera, P.E., FDEP, Tampa  
Steve Morgan, FDEP, Tampa (e-mail) 6/1/93

# Springstead Engineering, Inc.

Consulting Engineers — Planners — Surveyors

RECEIVED  
DEC 24 1996

727 South 14th Street  
Leesburg, Florida 34748



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

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

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

DATE 12/22/96 JOB NO. 921100.000

ATTENTION Ms. Pelz

RE Solid Waste Management Facility

## GENTLEMEN:

### WE ARE SENDING YOU

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

Copies	Date	No.	Description
6			Application for a Permit to Construct a Solid Waste Digester for the Production of Compost at the Sumter County Solid Waste Management Facility
6			Sets of Plans
1			Check in the amount of \$100.00

## 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 Report)

COPY TO

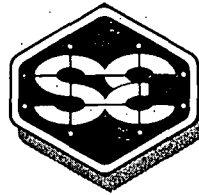
SIGNED: \_\_\_\_\_

David W. Springstead, P.E.

Member of American Consulting Engineers Council

jal

extra



DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

Application for a Permit to Construct a Solid  
Waste Digester for the Production of Compost  
at the Sumter County Solid Waste Management  
Facility

PREPARED FOR:



SUMTER COUNTY BOARD OF COUNTY  
COMMISSIONERS  
209 NORTH FLORIDA STREET  
BUSHNELL, FLORIDA 33513

921100.000

December 24, 1996

RECEIVED  
DEC 24 1996

Environmental Protection  
WEST DISTRICT

**Springstead Engineering, inc.**

Consulting Engineers - Architects - Planners - Surveyors  
727 South 14th Street  
Leesburg, Florida 34748  
Lake (352) 787-1414  
Sumter (352) 793-3639

Fax (352) 787-7221