

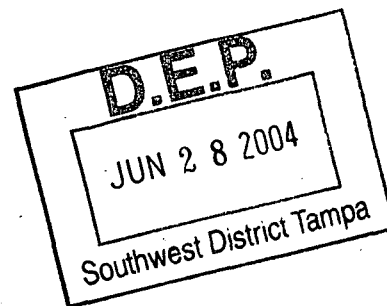


Compost permit 22929
P.O. Box 1066
Bushnell, FL 33513
(352) 793-3368
(352) 568-0166 Fax
SM
LR

Sumter County Solid Waste

6/23/04

Susan Pelz
Solid Waste Manager
FDEP – Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619



Re: Crack in exterior shell of digester #1

Dear Ms. Pelz:

On Nov. 16, 2003, we found a crack in the exterior shell of digester #1 (the older tube) in an area that had been welded before, that also showed a large amount of wear. We made an inspection of the crack, and decided to completely unload the tube and have an ultra sound of the area. We found that the tube in this area being so close to the bulkhead, had a large amount of wear, and being at the same spot as the placement of the manways ports had allowed for a flex in the steel causing the cracks. At the same time we had the rest of the tube checked and found that as you moved away from the affected area the metal became stronger but would still require a large amount of the tube to be replaced.

After reporting the findings to the B.O.C.C. they decided it would be better to try to get the new tube permitted and fix the older tube after the new budget year monies were available.

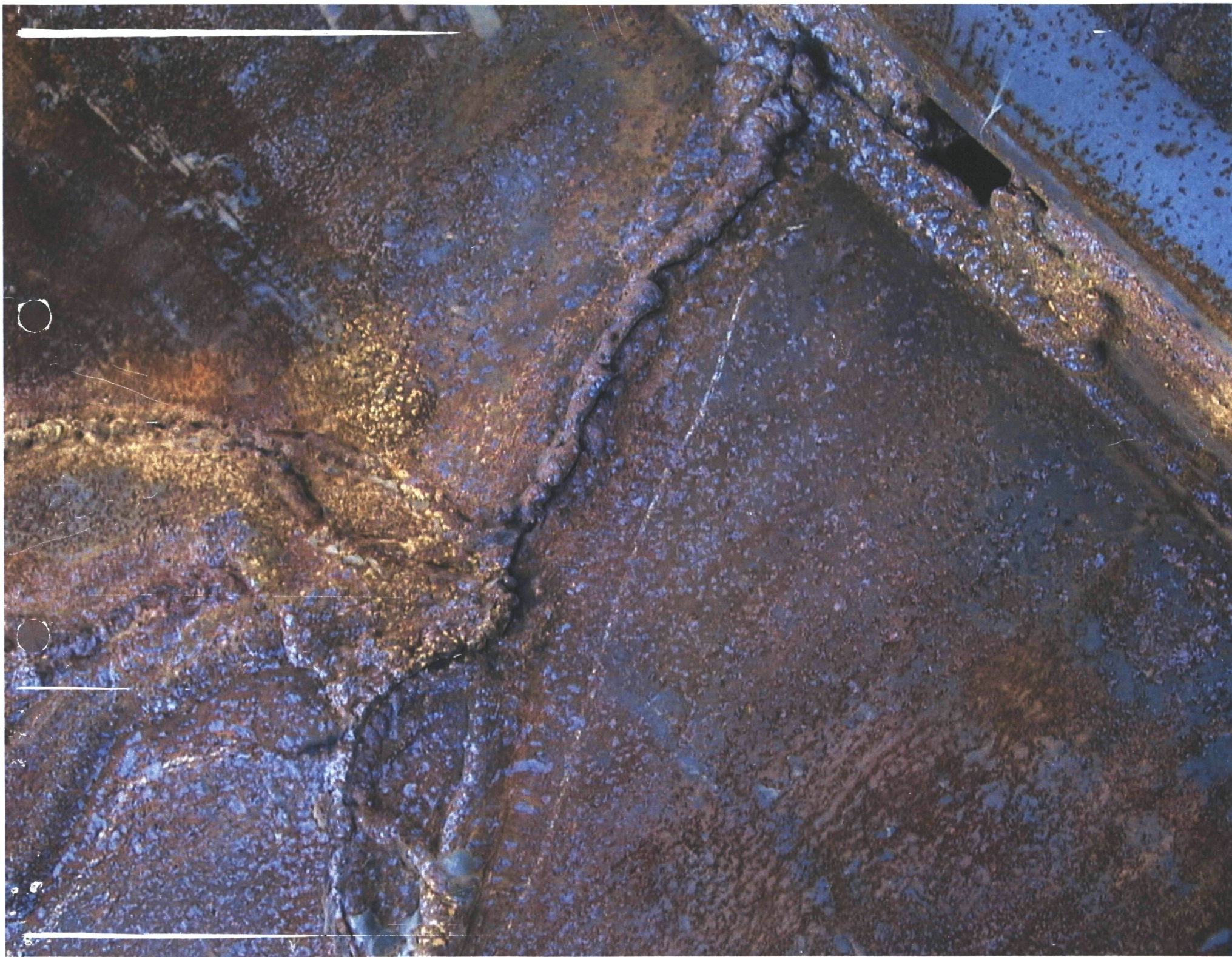
Please find pictures of the damaged area enclosed.

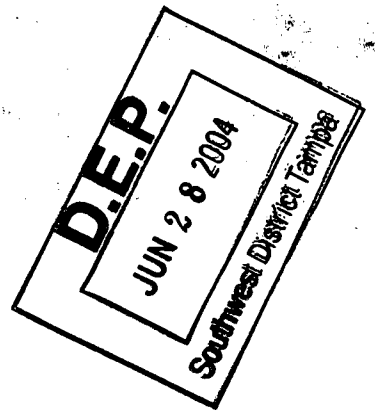
If you have any questions or concerns, please feel free to contact me at (352) 793-3368.

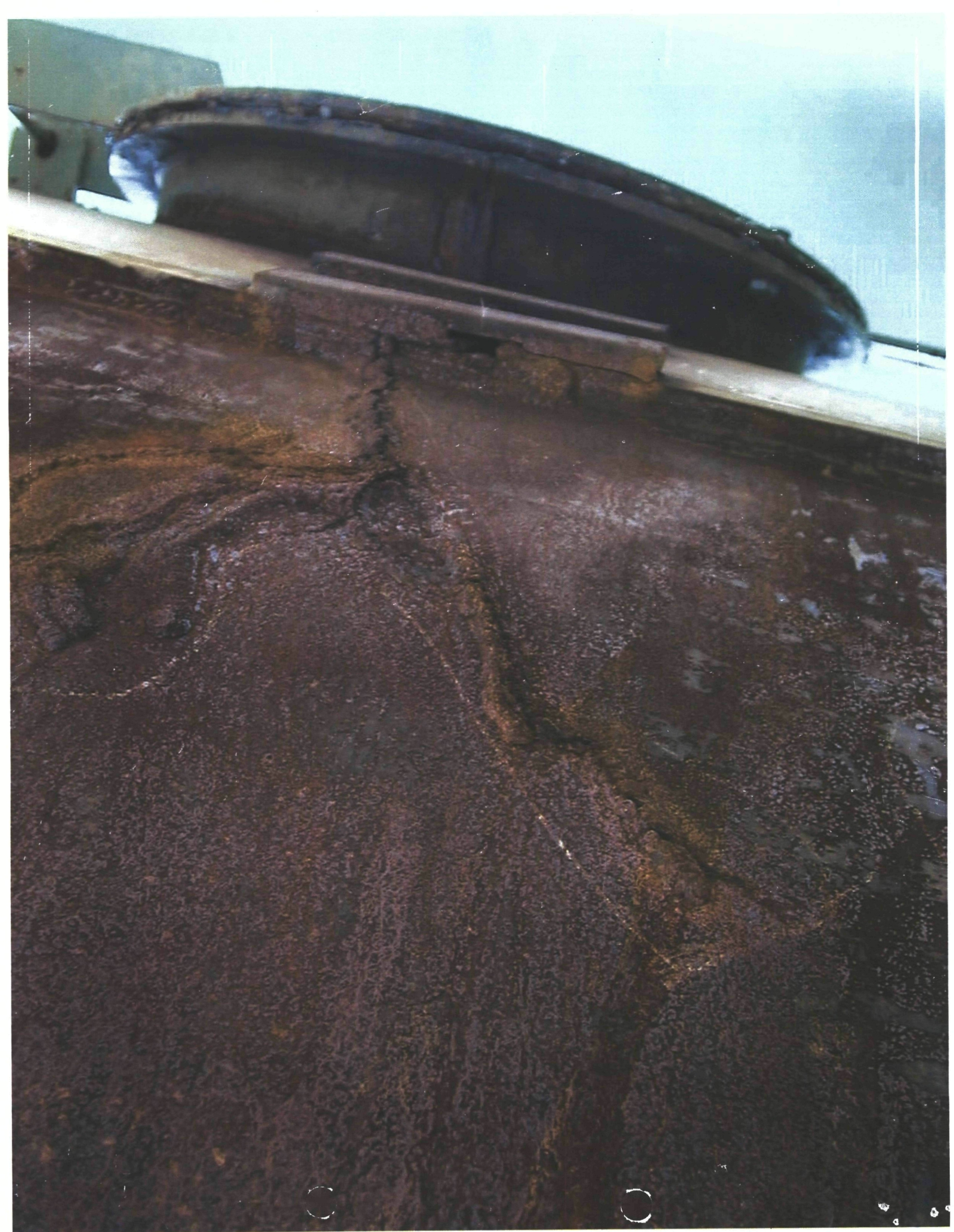
Regards,

Chuck Jett
Solid Waste Superintendent

Chuck Jett, Solid Waste Superintendent

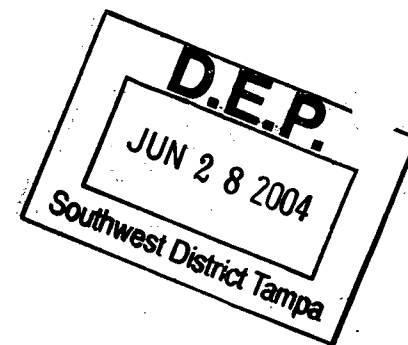


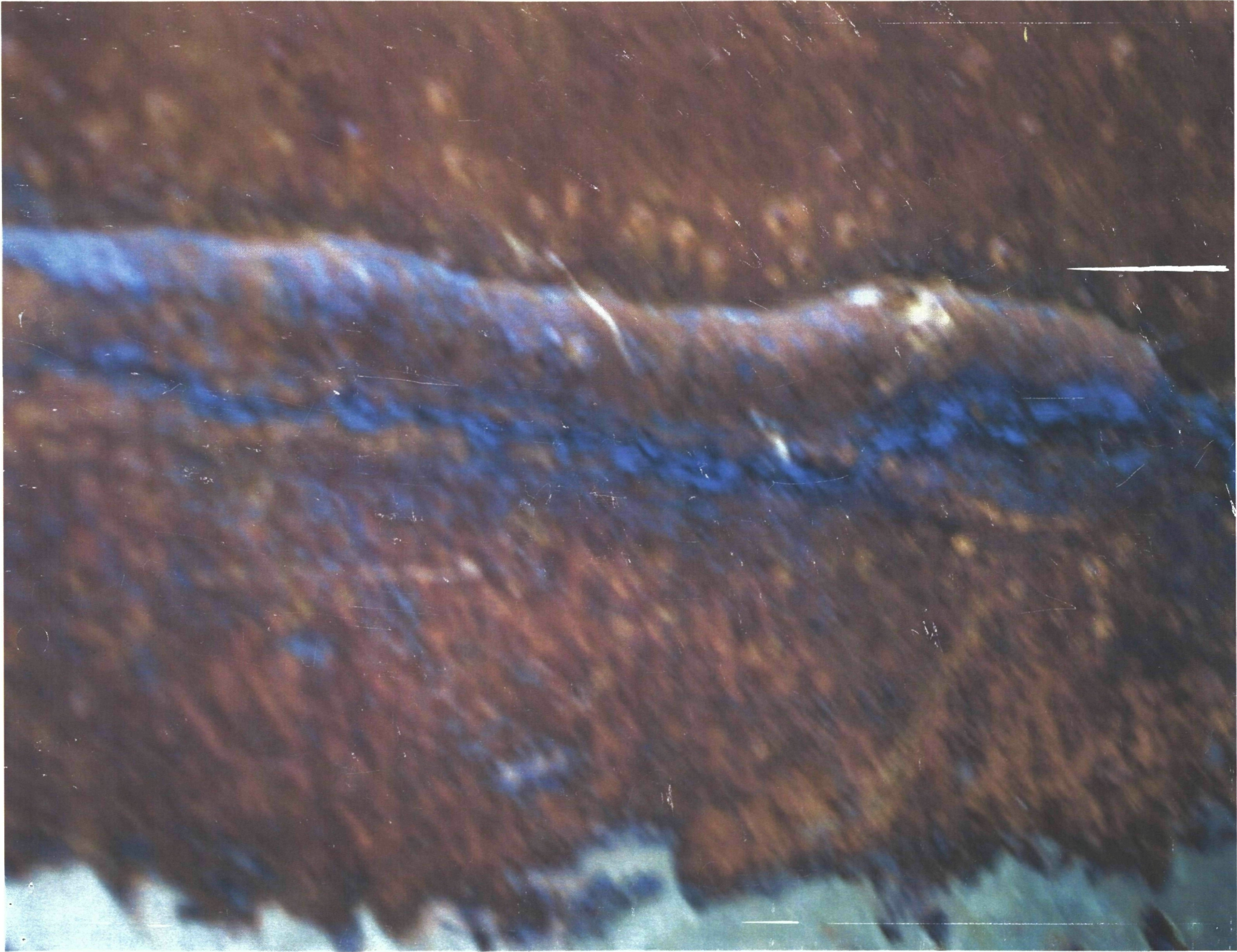


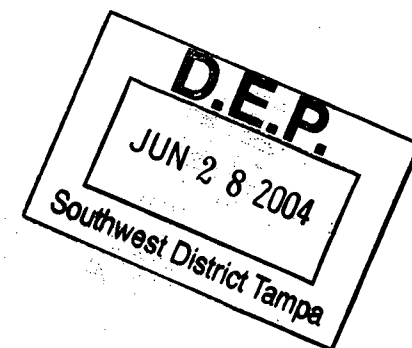




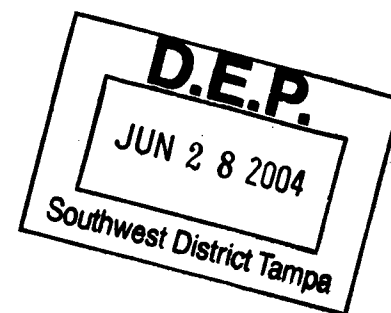












LORA ROSS
Environmental Specialist
Solid Waste

PH 813-744-6100
SC 512-1042, Ext. 375
FAX 813-744-6125

Lora Ross

Telephone Number	Mode	Start	Time	Pages	Result	Note
813525680166	NORMAL	23, 8:56	1'21"	2	* O K	

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date: July 23, 2004

Number of pages including cover sheet: 2

To:

Stacey

Phone: 352-793-3368

Fax phone: 352-568-0166

CC:

From:



**DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

LORA ROSS
Environmental Specialist I
Solid Waste

Waste Management Program
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619-8318
E-Mail: lora.ross@dep.state.fl.us

PH 813-744-6100
SC 512-1042, Ext. 375
FAX 813-744-6125

REMARKS:

☐ Urgent

☒ For your review

☐ Reply ASAP

☐ Please comment

Please see the attached letter as per your request. Please contact me if you have any further questions. Thank-you.

Lora Ross

Memorandum

**Florida Department of
Environmental Protection**

PERMIT COVER MEMO

TO: x Deborah A. Getzoff, Director of District Management

FROM/THROUGH:

William Kutash *WK*, ENVIRONMENTAL ADMINISTRATOR
Susan Pelz, P.E. *JP/26/02*, SOLID WASTE MANAGER

DATE: June 26, 2002

FILE NAME: Sumter County Composting
PROGRAM : Solid Waste

Mod #126940-009-SC to
PERMIT #: 126940-008-SC
COUNTY : Sumter

TYPE OF PERMIT ACTION: X **ISSUE** **DENY** X **MODIFY**
 TRANSFER OWNER **NOD**
 PUBLIC NOTICE **INTENT TO ISSUE**

PUBLIC NOTICE PERIOD CLOSED?

PETITION FILED?

PERMIT SUMMARY: This modification allows construction of the infeed and discharge conveyor systems for the new digester at the County operated solid waste composting facility. The digester is part of a grant-funded project for increasing recycling and composting and evaluating new technologies.

PROFESSIONAL RECOMMENDATION: X **APPROVE** **DENY**

EVALUATION SUMMARY: The applicant has provided sufficient information to demonstrate compliance with Department Rules.

Application received - February 21, 2002

Application complete - April 11, 2002

Department processing time- 103 days (to 06-26-02)

Total processing time - 126 days (to 06-26-02)

DAY 90/30 FOR THIS ACTION IS: ASAP - Day 90=7-10-02

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0016 6336 7682

Sumter County Public Works Dept.

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

7-1-02
Postmark
Here

Recipient's Name (Please Print Clearly) (To be completed by mailer)

Mr. Larry Breedon

Street, Apt. No., or PO Box No.

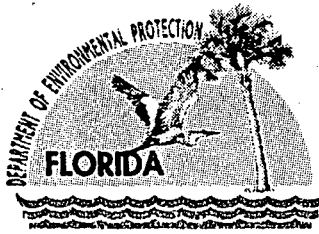
319 E. Anderson Ave

City, State, ZIP+4

Bushnell, FL 33513

PS Form 3800, February 2000

See Reverse for Instructions



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

July 1, 2002

CERTIFIED MAIL 7000 0520 0016 6336 7682
RETURN RECEIPT REQUESTED

NOTICE OF PERMIT

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

RE: Modification number 126940-009-SC to existing
Construction Permit No. **126940-008-SC**, Sumter County
Sumter County Composting, Digester #2

Dear Mr. Breeden:

Attached is modified permit number **126940-008-SC**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number 126940-009-SC:

SPECIFIC CONDITIONS	FROM	TO	TYPE OF MODIFICATION
#2.e.	N/A	New	Permit documentation to include requested modification
#3.a.	Existing	Amended	Modification allows construction of infeed and discharge structures
#3.b.	Existing	Amended	Acceptance testing clarified

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, 3900 Commonwealth Blvd., Mail Station 35, Tallahassee, 32399-3000, 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.

"More Protection, Less Process"

Printed on recycled paper.

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.

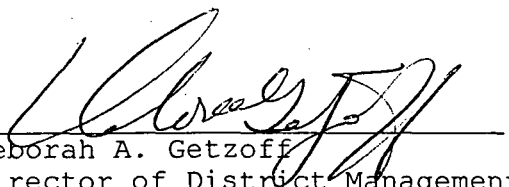
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard 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. Mediation is not available in this proceeding.

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 Rules 62-110 and 28-106, 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, 3900 Commonwealth Blvd., Mail Station 35, Tallahassee, 32399-3000; 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


Deborah A. Getzoff
Director of District Management
Southwest District

DAG/sjp
Attachment

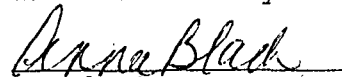
Copies furnished to:

Sumter County Board of County Commissioners
Virginia Watson, Sumter Co., 209 N. Florida Street, Bushnell, Fl. 33513
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
Richard Tedder, P.E., FDEP Tallahassee
Francine Joyal, FDEP Tallahassee
Fred Wick, FDEP Tallahassee
Steve Morgan, FDEP Tampa (Permit Notebook)

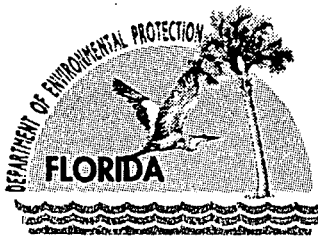
CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this **NOTICE OF PERMIT** and all copies were mailed before the close of business on July 1, 2002 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

7-1-02
Date



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
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: **126940-008-SC**
Date of Issue: 12/28/01
Expiration Date: **12/01/2006**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County
Composting Facility
Digester #2

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 #2

Replaces applicable conditions of Permit Number: N/A, new
Includes modification #126940-009-SC, dated July 1, 2002.

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

GENERAL CONDITIONS:

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

GENERAL CONDITIONS:

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

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

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

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

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

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

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

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

GENERAL CONDITIONS:

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

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

GENERAL CONDITIONS:

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

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a 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 only (including foundations) in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Solid Waste Management Facility Application for Permit to Construct a New Solid Waste Digester, Sumter County Recycling, Processing and Composting Facility, dated September 12, 2001 (received September 24, 2001);

b. Additional information dated November 5, 2001 (received November 6, 2001);

c. Plan Sheets titled, Sumter County Board of County Commissioners, F.O.R.C.E. Solid Waste Digester II, (2 sheets) dated September 20, 2001 (received September 24, 2001);

d. Plan Sheets #69-4133, 69-4134, 69-4135, 69-4136, 69-4138, 69-4152A, 69-4154A, 69-4154B, 69-4155, 69-4157, and 69-4144A dated October 2, 2001 (received October 10, 2001), prepared by A-C Equipment Services;

e. "Modification of Permit to include Infeed and Discharge Structures,..." dated February 11, 2002 (received February 12, 2002), and additional information concerning the infeed and discharge structures received February 21, 2002 and April 11, 2002;

New July 1, 2002.

and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**

a. This permit is valid for the construction of the new digester, foundations and infeed and discharge structures only. This permit does not authorize the operation of the digester. Upon completion of construction of the facility, the permittee shall submit a permit application for operation of the system. This application shall be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.

Amended July 1, 2002.

SPECIFIC CONDITIONS:

(Specific Condition #3, cont'd)

b. The information related to the "acceptance test" included in the November 6, 2001 submittal is insufficient and is not approved. This permit does not authorize the acceptance testing of the digester system. The permittee may submit a request for a minor permit modification, appropriate processing fee, and all required information for authorization of acceptance testing, or may include this information with the operation permit application required by Specific Condition #3.a., above. Acceptance testing which uses clean soil or Type A (tested and confirmed) finished compost as feedstock does not require a permit modification.

Amended July 1, 2002.

c. 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 Rule 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:

- 1) As-built details of the digester including elevation views;
- 2) Piping, electrical, and other mechanical systems;
- 3) Other details as necessary.

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.

SPECIFIC CONDITIONS:

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

7. **Facility Operation Requirements.** Waste materials, including solid wastes and/or domestic wastes, shall not be processed (including "Acceptance Testing") in the new digester system prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above and the operation permit required by Specific Condition #3.a.

8. **Control of Nuisance Conditions.** The permittee 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.

9. **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) Damage to the existing composting facilities due to construction activities.

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

10. **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.

11. **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.

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

SPECIFIC CONDITIONS:

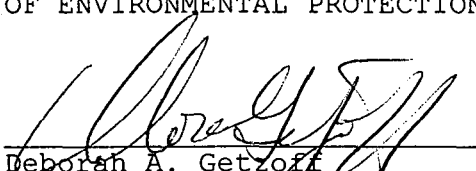
12. General Conditions. The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

13. 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.

14. Regulations. Chapters 62-709, 62-701, F.A.C., 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



Deborah A. Getzoff
Director of District Management
Southwest District

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

ATTACHMENT 1		
SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration	Permit Renewal Application
3.a., 5.	Within 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted; submit operation permit application
9.	Within 24 hours of occurrence Within 7 days	Notification of failure of systems Written notification & description of corrective actions



**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

May 30, 2002

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

Via Fax and Mail

Re: Request for Permission to Perform Acceptance Testing
FORCE Digester
Sumter County Solid Waste Management Facility
Sumter County, Florida

Dear Ms. Pelz:

We are in the middle of the third of three phases in permitting the construction and operation of the new digester at the Sumter County Solid Waste Facility. The digester was constructed under the permit for Phase I, the infeed and discharge appurtenances are being constructed and will soon be ready for installation upon receipt of a construction permit for Phase II and the operating procedures and the calculations for the material flow through the MRF, digester and finishing building are nearing completion as Phase III.

We are still reviewing the different processing options for material flow which is prolonging the completion of the permit application process for Phase III. We are organizing this information and will soon be requesting a meeting with you to discuss our plan prior to submittal. In the meantime, the constructed digester has not been permitted for operation, and acceptance testing has not yet been performed. Because the acceptance testing has not been performed, Sumter County continues to hold a considerable balance from the contractor.

We are requesting at this time that, upon completion of the installation of the infeed and discharge equipment, we be permitted to perform the acceptance testing of the digester with finished Class A compost. Compost from the finished stockpile, will be placed into the digester via the direct feed conveyor. The digester will be loaded and operated for a period of about seven days, recycling the finished compost from the discharge end to the infeed end, to simulate actual operation. Upon completion of the acceptance test, the compost will be placed back in the finish stockpile. This operation will provide enough information to allow the county to discover any defects or concerns needing correction, or to release the contractor's retainage.

The only portion of the proposed infeed/discharge improvements which would not be complete during acceptance testing would be the building construction.

We are not asking for permission to operate the new digester equipment for solid waste processing. Only finished compost will be used for acceptance testing.

As the permitting and construction process for the digester has been ongoing now for many months, we would like to wrap up and complete the first phase as soon as we can.

Please review this information and call or contact me if you have any questions or require additional information. We are looking forward to hearing from you on this item.

Very truly yours,
Springstead Engineering, Inc.

 5/30/02
David W. Springstead, P.E.
Florida Registration No. 48229

cc: Mr. Garry Breeden - Sumter County Public Works
Mr. Mitch Kessler - Kessler Consulting, Inc.



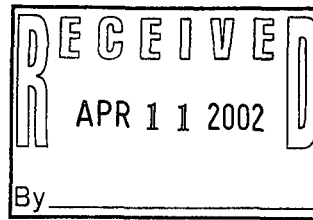
Springstead Engineering, inc.

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



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

Date: April 10, 2002

Job No.: 921100.015

Attention: Ms. Susan Pelz, P.E.

RE: Sumter Co. Digester #2 Infeed and Discharge Mod.

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
3			Response to Request for Additional Information with attached sketch (Signed & Sealed)
3			Plan (Signed & Sealed) Sheet 1 of 2 - Floor Plan and Foundation Plan Sheet 2 of 2 - Details

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

SIGNED: _____

David W. Springstead
David W. Springstead, P.E.



**Springstead
Engineering, Inc.**

Consulting Engineers - Architects - Planners - Surveyors

EB - 0001723

AA - 0002820

LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

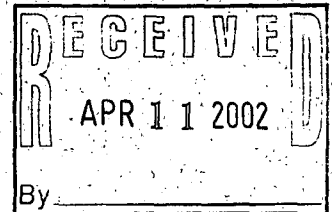
Lake (352) 787-1414

Sumter (352) 793-3639

Fax (352) 787-7221

April 10, 2002

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



**RE: Sumter County Digester #2 infeed and discharge modification
Pending Modification No.: 126940-009-SC
SEI File: 921100.015**

Dear Ms. Pelz,

We are in receipt of your request for additional information dated March 18, 2002 regarding the above referenced project. Please find the following responses:

1. Please provide three copies of all requested information. All copies must include the signature and seal of the professional who prepared them.
1. **Three copies of all requested information are provided.**
2. Please provide construction details of the proposed discharge structures (hoppers, structure, conveyors, new blower, etc.) and associated building (roof) extension.
2. **The requested construction details are attached.**
3. Please clarify if the proposed ram-feed mechanism is identical to the previously construction Bedminster unit. If so, please reference the previously approved drawings for construction of this system. If not, since the drawings provided are for the Bedminster system (September 1996), please provide details for the portions of the feed system which are not the same as the Bedminster details. The figures from MGL Engineering are acceptable for showing the different operational configurations.
3. **The proposed ram-feed mechanism for the new digester is identical to the existing ram-feed mechanism previously permitted and constructed. The previously approved drawings will be used to construct the new mechanism.**
4. Please clarify if the feed compartment is separated (e.g. by a bulkhead) from the digester unit.
4. **The ram-feed mechanism pushes the material directly into the west (infeed) end of the digester. The feed compartment is not separated from the digester.**

5. Please provide calculations which demonstrate that the existing scrubber system is adequate for the additional loading from the new digester (e.g. blower sizing).
5. **The capacity of the scrubber system is dependent upon the flow of air presented through the scrubber system by the blower motor attached to the scrubber. With the current roots blower in operation, the blower motor continues to create a vacuum pulling air from the header of the existing digester. The operation of the Roots blower is now a 15 minutes on, 15 minutes off cycle. The new digester has a Roots blower that is identical to the blower on the existing digester. The operation of the Roots blowers will be an alternating operation with a 15-minute on 15 minute off cycle so that each Roots blower will be operating ½ of the time. The scrubber will continue to be operated continuously pulling air from both digesters as the vacuum pressures dictate. The capacity of the scrubber blower will not need to change. The capacity of the scrubber will be sufficient to pull all of the air from the digesters for cleaning. The frequency of the water change-out in the scrubber increased to a frequency greater than 1 per week change-out which is currently performed.**
6. The information indicates that both digesters will not be loaded at the same time. Please clarify if material will be in-process in both digesters at the same time.
6. **The digesters will not be charged at the same time. Both digesters will be turning, processing and composting material at the same time.**
7. Please publish the attached Notice of Application and provide proof of publication to the Department.
7. **The Notice of Application proof of publication is attached.**

We trust this information meets your needs at this time. Should you have any questions or require any additional information, please do not hesitate to contact our office.

Very truly yours, 
Springstead Engineering, Inc.

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

DWS/jal

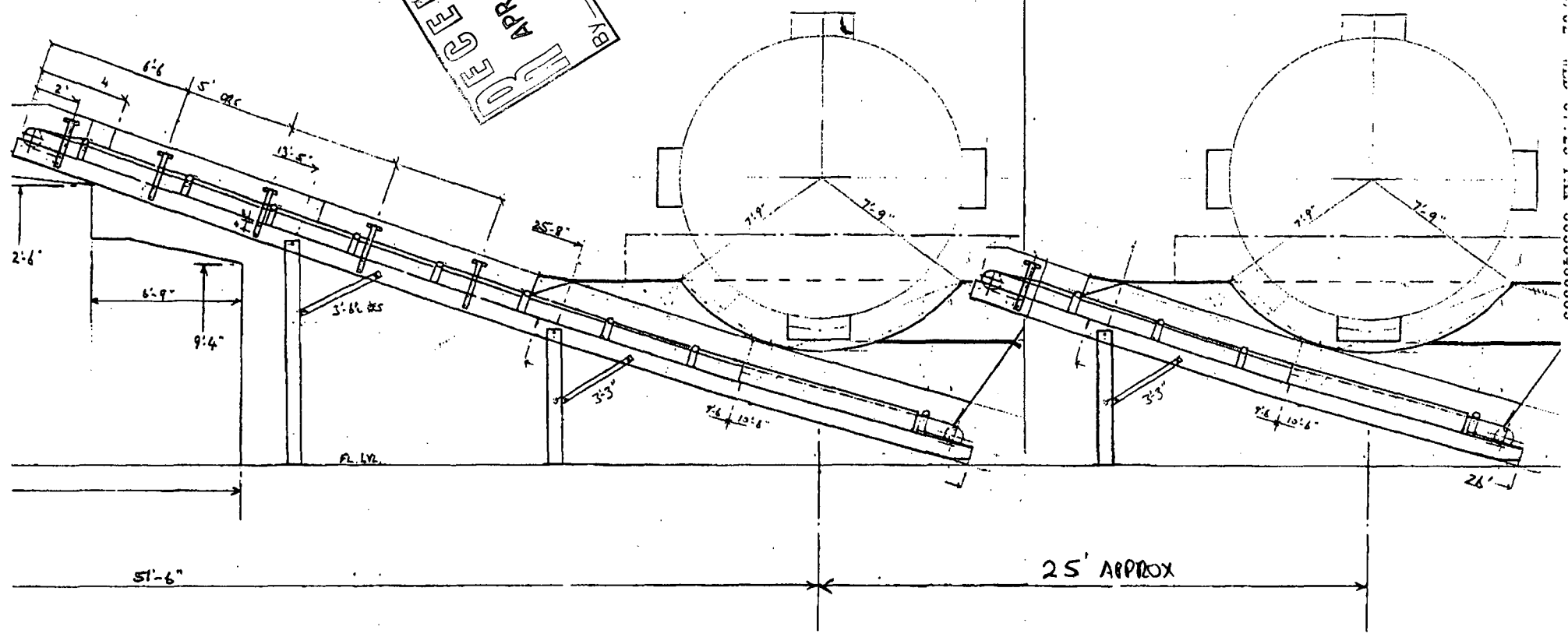
cc Garry Breeden - Sumter County
Mitch Kessler - Kessler Consulting, Inc.

RECEIVED
APR 1 2002
BY

352-797-7221

352-568-0166

ATTN. TERRY.





**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

D.E.P.
APR 03 2002
Southwest District Tampa

TO: *Department of Environmental Protection*
3804 Cocunut Palm Drive
Tampa, Florida 33619-8318

Date: 04/01/02

Job No.: 921100.015

Attention: Susan Pelz

RE: **Sumter County Digester #2 infeed & discharge
modification - Pending Mod. No.: 126940-009-SC**

GENTLEMEN:

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

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of Letter ☐ Change Order _____ ☐ Facsimile

Copies	Date	No.	Description
1	04/01/02		<i>Proof of Publication - Sumter County Digester #2- Infeed/ dishcharge modification Pending Modification No.:126940-009-SC - Notice of Application</i>

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

SEI File

SIGNED: 
David W. Springstead, P.E.

DAILY SUN

Published Daily
Lady Lake, Florida
State of Florida
County of Lake

Before the undersigned authority personally appeared Carolyn J. Midora, who on oath says that she is Legal Ad Coordinator of the Daily Sun, a daily newspaper published at Lady Lake in Lake County, Florida; that the attached copy of the advertisement, being a Legal Ad #01536447 in the matter of Notice Of State of Florida Dept of Environmental Protection Notice of Application in the Court, was published in said newspaper in the issues of March 23, 2002

Affiant further says that the said Daily Sun is a newspaper published at Lady Lake in said Lake County, Florida, and that the said newspaper has heretofore been continuously published in said Lake County, Florida, each week and has been entered as second class mail matter at the post office in Lady Lake, in said Lake County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that 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.

Carolyn J. Midora
(Signature Of Affiant)

Sworn to and subscribed before me this 25th day of March, 2002

[Signature]

(Name of Notary typed, printed or stamped)

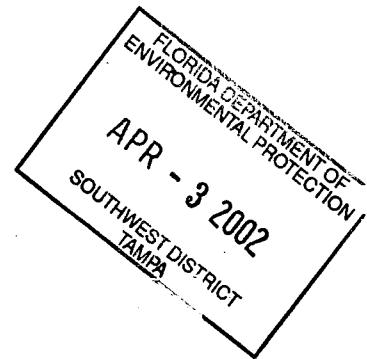


Cara A. Paradiso
MY COMMISSION # DD041199 EXPIRES
July 10, 2005
BONDED THRU TROY FARM INSURANCE, INC.

Personally Known ☒ or
Production Identification
Type of Identification Produced

Attach Notice Here

'02 MAR 29 PM 1 22



State of Florida Department of Environmental Protection Notice of Application

The Department announces the receipt of an application for permit from Sumter County Public Works Department, Mr. Garry Breeden, Director, for modification of a solid waste composting digester system, located at the Sumter County Recycling, processing and Composting Facility, located south of CR 549, west of I-75, Sumter County, Florida.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m. Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318

#01536447 March 23, 2002



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 East Anderson Ave.
Bushnell, FL 33513

March 18, 2002

RE: Sumter County Digester #2 infeed and discharge modification
Pending Modification No.: 126940-009-SC

Dear Mr. Breeden:

This is to acknowledge receipt of your request, dated February 11, 2002 (received February 12, 2002) and February 21, 2002, prepared by Springstead Engineering, Inc., to modify the existing construction permit for construction of digester #2 at the existing solid waste composting facility, referred to as the Sumter County Solid Waste Management Composting Facility. The requested modification includes construction of the infeed and discharge structures for digester #2.

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

Your application for permit modification is incomplete. This is the Department's first request for additional information. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received. The following information is needed in support of the solid waste application [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

1. Please provide three copies of all requested information. All copies must include the signature and seal of the professional who prepared them.
2. Please provide construction details of the proposed discharge structures (hoppers, structure, conveyors, new blower, etc.) and associated building (roof) extension.
3. Please clarify if the proposed ram-feed mechanism is identical to the previously construction Bedminster unit. If so, please reference the previously approved drawings for construction of this system. If not, since the drawings provided are for the Bedminster system (September 1996), please provide details for the portions of the feed system which are not the same as the Bedminster details. The figures from MGL Engineering are acceptable for showing the different operational configurations.

"More Protection, Less Process"

Printed on recycled paper.

4. Please clarify if the feed compartment is separated (e.g. by a bulkhead) from the digester unit.
5. Please provide calculations which demonstrate that the existing scrubber system is adequate for the additional loading from the new digester (e.g. blower sizing).
6. The information indicates that both digesters will not be loaded at the same time. Please clarify if material will be in-process in both digesters at the same time.
7. Please publish the attached Notice of Application and provide proof of publication to the Department.

"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

Attachment

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.
Leesburg, FL 34748, w/attachment
Virginia Watson, Sumter County Planning Dept., 209 N. Florida St.,
Bushnell, Fl. 33513
Robert Butera, P.E., FDEP, Tampa

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

State of Florida
Department of Environmental Protection
Notice of Application

The Department announces the receipt of an application for permit from Sumter County Public Works Department, Mr. Garry Breeden, Director, for modification of a solid waste composting digester system, located at the Sumter County Recycling, processing and Composting Facility, located south of CR549, west of I-75, Sumter County, Florida.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m. Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.



Springstead Engineering, inc.

Consulting Engineers – Architects – Planners – Surveyors

D.E.P.

FEB 21 2002

Southwest District Tampa

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

Date: 02/19/02

Job No.: 921100.015

Attention: Ms. Susan Pelz, P.E.

RE: Modification of Permit to Include Infeed & Discharge
Structures, Sumter Co. Composting Facility - Digester No. 2
DEP Permit 126940-008 SC

GENTLEMEN:

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

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☒ Copy of Letter ☐ Change Order _____

☐ Facsimile

Copies	Date	No.	Description
1	02/19/02		Waiver of fees / Resolution letter
1	02/19/02		Copy of the minutes of the Board of County Commissioners meeting authorizing Garry Breedon to sign.

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:

SEI File

SIGNED:

David W. Springstead

David W. Springstead, P.E.

Board of County Commissioners

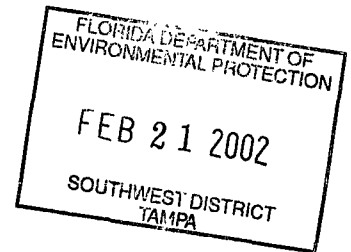
Sumter County, Florida

209 North Florida Street • Bushnell, FL 33513 • Phone (352) 793-0200 • FAX: (352) 793-0207 • SunCom: 665-0200
<http://bocc.co.sumter.fl.us>



February 19, 2002

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



RE: Modification of Permit to Include Infeed and Discharge Structures
Sumter County Composting Facility – Digester No. 2 (FORCE Project)
DEP Permit No. 126940-008-SC
Sumter County Solid Waste Management Facility
Lake Panasoffkee, Sumter County, Florida
SEI File No. 921100.015

Dear Ms. Pelz:

The Board of County Commissioners took action at their meeting of October 18, 1994, to authorize Mr. Garry Breeden, Director of Public Works to execute permit application as their authorized agent. A copy of the minutes of the Board Meeting are attached for your reference.

If you have any questions or need additional information regarding this matter, please do not hesitate to contact me.

Very truly yours,

OFFICE OF COUNTY ADMINISTRATOR

By Bernard Dew
BERNARD DEW
COUNTY ADMINISTRATOR

Enclosure

WATER CONTROL - ROADS, COUNTY

Garry Breeden, Director of Public Works, reported on the meeting with SWFWMD and residents of the Kal River Area, Croom. After discussion, Chairman Allen requested that Attorney Thornton look into the legalities of using gas tax money to provide assistance with design & application for exemption from SWFWMD.

COUNTY PROPERTY - ACCOUNTS ALLOWED - BIDS & PROPOSALS

Mr. Stephens moved to authorize payment of the following in connection with the renovation of the Sumter County Government Office Building, Wildwood:

1. Tom Barrow Company	\$2,620.84
2. Carrier of Florida	36,034.00
3. P.O. #17275, Primer, Coating	4,246.75
4. P.O. #17275, Carpet	25,548.20
5. Graybar Electric Co.	2,980.00
6. Carrier of Florida	4,438.00

The motion was seconded by Mr. Rutter and carried.

FEES - COUNTY PROPERTY - AGENCIES, STATE

Mr. Rutter moved to approve payment in the amount of \$100.00 to the Department of Environmental Protection for permit fees for the waste water collection system, Sumter County Government Office Building, Wildwood. The motion was seconded by Mr. Stephens and carried.

AGENCIES, STATE

Mr. Gideons moved to authorize a letter to the Department of Environmental Regulation advising that Garry Breeden, Director of Public Works, is authorized to execute permit requests. The motion was seconded by Mr. Stephens and carried.

CONTRACTS & AGREEMENTS - COUNTY PROPERTY - BIDS & PROPOSALS

Mr. Gideons moved to authorize the Chairman to execute an agreement with Pieco, Inc., for the construction of the public works vehicle fueling facility. The motion was seconded by Mr. Stephens and carried. (INSERT).



**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

February 11, 2002

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

D.E.P.
FEB 12 2002
Southwest District Tampa

RE: Modification of Permit to Include Infeed and Discharge Structures
Sumter County Composting Facility - Digester No. 2 (FORCE Project)
DEP Permit No. **126940-008-SC**
Sumter County Solid Waste Management Facility
Lake Panasoffkee, Sumter County, Florida

Dear Susan:

Sumter County has completed construction of the digester shell and mechanism authorized in the above referenced permit. The mechanical portion of the digester is in place but has not been load tested or trained (aligned) under load. We request that the construction permit for Digester No. 2 be modified to include the construction and installation of the infeed and discharge mechanisms needed to complete the mechanical system. A description of what is being requested follows, along with a plan and detail sheets of the proposed construction.

This modification is being requested to allow only construction of the digester equipment, as described below. The digester will not be operated until the operation plan which includes the second digester has been submitted in a permit modification and approved by the Department. This permit modification request is for construction only.

Discharge Mechanism

The construction at the discharge (east) end of the new digester consists of fabricating a discharge hopper and conveyor. The material discharged from the digester will fall into the new hopper, be conveyed to the existing discharge hopper of digester No. 1, and will follow the same processing as the material discharged from digester No. 1. The digesters will not be discharged simultaneously, so the materials from the two digesters will not be mixed.

The discharge hopper will be 5 feet wide by 12 feet long at the top and will slope to the conveyor in the bottom. The conveyor will be 3 feet wide and approximately 22 feet

long. The conveyor will lift the material from the bottom of the discharge hopper for digester No. 2 and discharge into the top of the discharge hopper for digester No. 1.

The discharge area will be covered to protect the discharging material from the elements.

Infeed Mechanism

The requested modification of permit for construction at the infeed end of the digester includes construction of conveyors, relocation of the direct load conveyor, construction of the ram-feed unit and support, connection of the water feed line from the existing holding tank to the new digester, connection of the air collector to the existing plenum, and connection of the ram-feed unit to the existing hydraulic power package.

Conveyor construction will consist of building one new conveyor which will be a cross-conveyor between the two ram-feed units. The proposed conveyor will have an arm support which allows the conveyor to rotate to a position to either fill or by-pass the first digester. The existing direct-feed conveyor will be relocated south of the new ram-feed unit. The modified direct feed conveyor will also have a support arm allowing the conveyor to be raised or lowered. This, in conjunction with the cross-conveyor, will provide the capability to 1) load digester No. 1 or digester No. 2 with material from the MRF, 2) load digester No. 1 or digester No. 2 with material from the direct feed conveyor, or 3) by-pass both digesters and load material from the MRF into trucks/trailers. The cut-sheet schematics for the conveyor operation from MGL Engineering (conveyor engineer) are attached.

The ram-feed unit construction will consist of constructing a ram-feed support and unit for digester No. 2 identical to the ram-feed mechanism which was built for digester No. 1. The unit will be constructed of structural steel and will be fastened to the concrete floor and the existing pushwall. The construction plans for the ram-feed structures are attached. The hydraulic system to operate the new ram-feed will be connected to the power unit for the existing digester. The connections on the power unit are existing and the unit will need to be modified with a valve to direct the hydraulic power to either unit one or unit two. It will not be necessary or possible to operate both units at the same time.

The new digester infeed seal is also identical to the seal on the existing digester. The seal is held in place by a balloon-type device charged with compressed air. The compressed air lines connected to the existing digester will be extended to the new digester and connected to the seal. Valves will be placed in the air lines to each digester providing independent operation. The existing air compressor has adequate capacity to maintain the seal for both digesters.

Make-up moisture for the new digester will be drawn from the existing storage tank and pumping system. The water line connected to the existed digester will be extended to the

water connection on the new digester. Valves will be placed in the water line to direct the water to load to the proper digester. As the digesters will not be loaded at the same time, the existing pump and water supply system will be adequate to provide make-up water to both digesters.

The air supply and recovery system for the new digester will be similar to the existing system. The supply air will be provided by a roots blower feeding into the coupling at the discharge end of the digester. The new blower will have a lower volume and flow than the existing digester system. The reduction in need for volume and flow is a resultant of the elimination of the bulkheads with doors which created the three compartments of the existing digester. Based on information from operating digesters using the same technology, the reduction in air supply does not affect the quality of compost created in the digester. The discharge air will be collected in a collection pipe identical to the existing digester. The new collector pipe will be connected to the existing scrubber and biofilter.

The plan showing the connections and diagrams of the infeed and discharge systems is attached along with plans and diagrams of the conveyors and ram-feed system.

As stated above and in the construction permit, this modification is being requested to allow only construction of the above-described digester equipment. The operation of the digester will not be commenced until the operation plan for the second digester has been submitted in a permit modification and approved by the Department. This permit modification request is for construction only.

Please review this information and contact me if you have any questions.

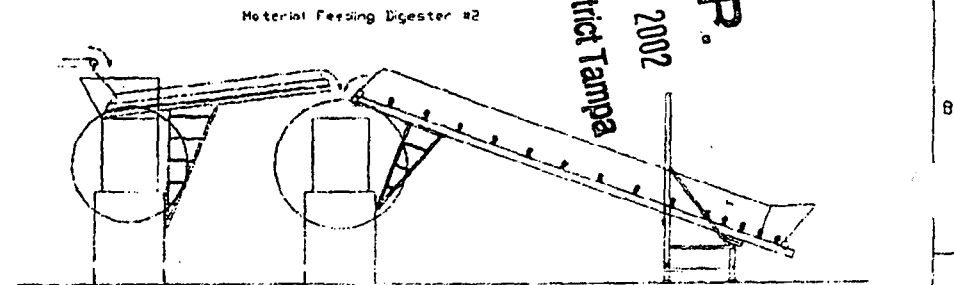
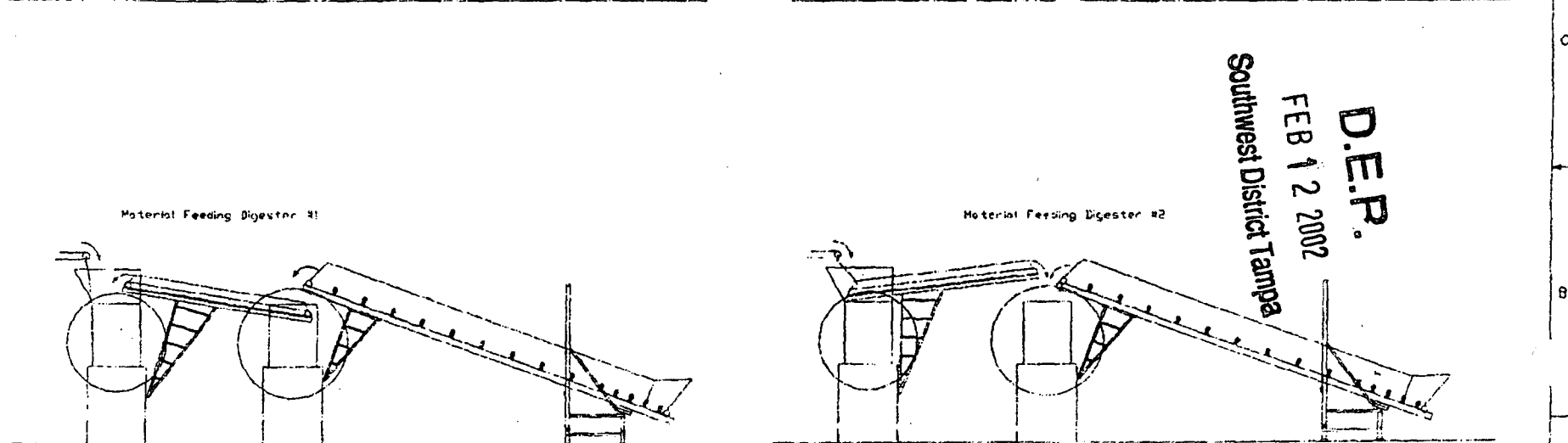
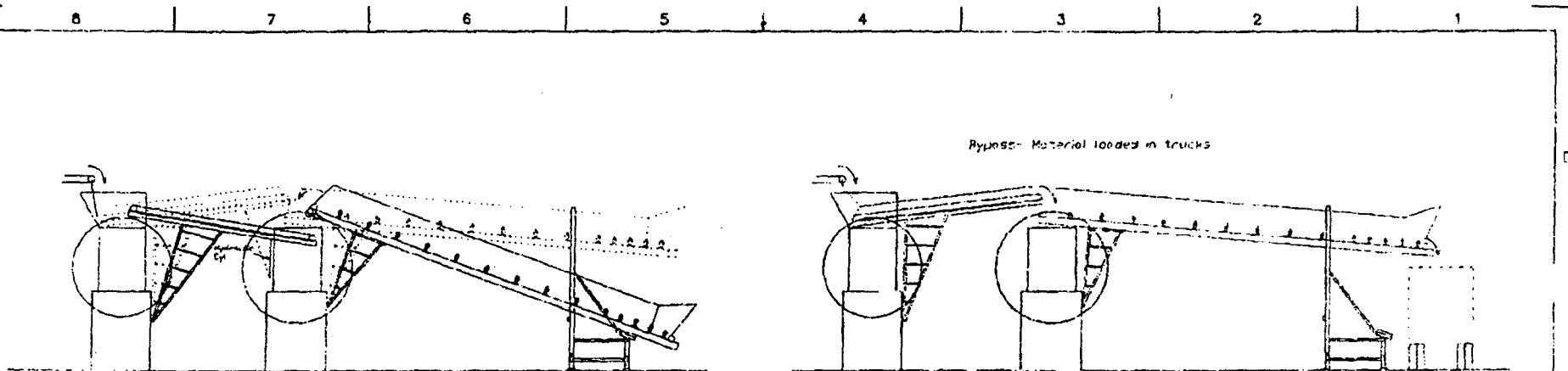
Very truly yours,
Springstead Engineering, Inc.


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

Attachments

cc: Garry Breeden - Sumter County Public Works
Terry Hurst - Sumter County Solid Waste
Mitch Kessler - Kessler Consulting, Inc.

ATTN. CHUCK. 352 568 0166



D.E.P.
FEB 12 2002
Southwest District Tampa

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	2/1/02	CHUCK
2	REVISION	2/1/02	CHUCK
3	REVISION	2/1/02	CHUCK
4	REVISION	2/1/02	CHUCK
5	REVISION	2/1/02	CHUCK
6	REVISION	2/1/02	CHUCK
7	REVISION	2/1/02	CHUCK
8	REVISION	2/1/02	CHUCK

MGL ENGINEERING INC.
LAKELAND, FL
863-648-0320

Sumter County Solid Waste	
Sumter County	
DATE	BY
2/1/02	CHUCK

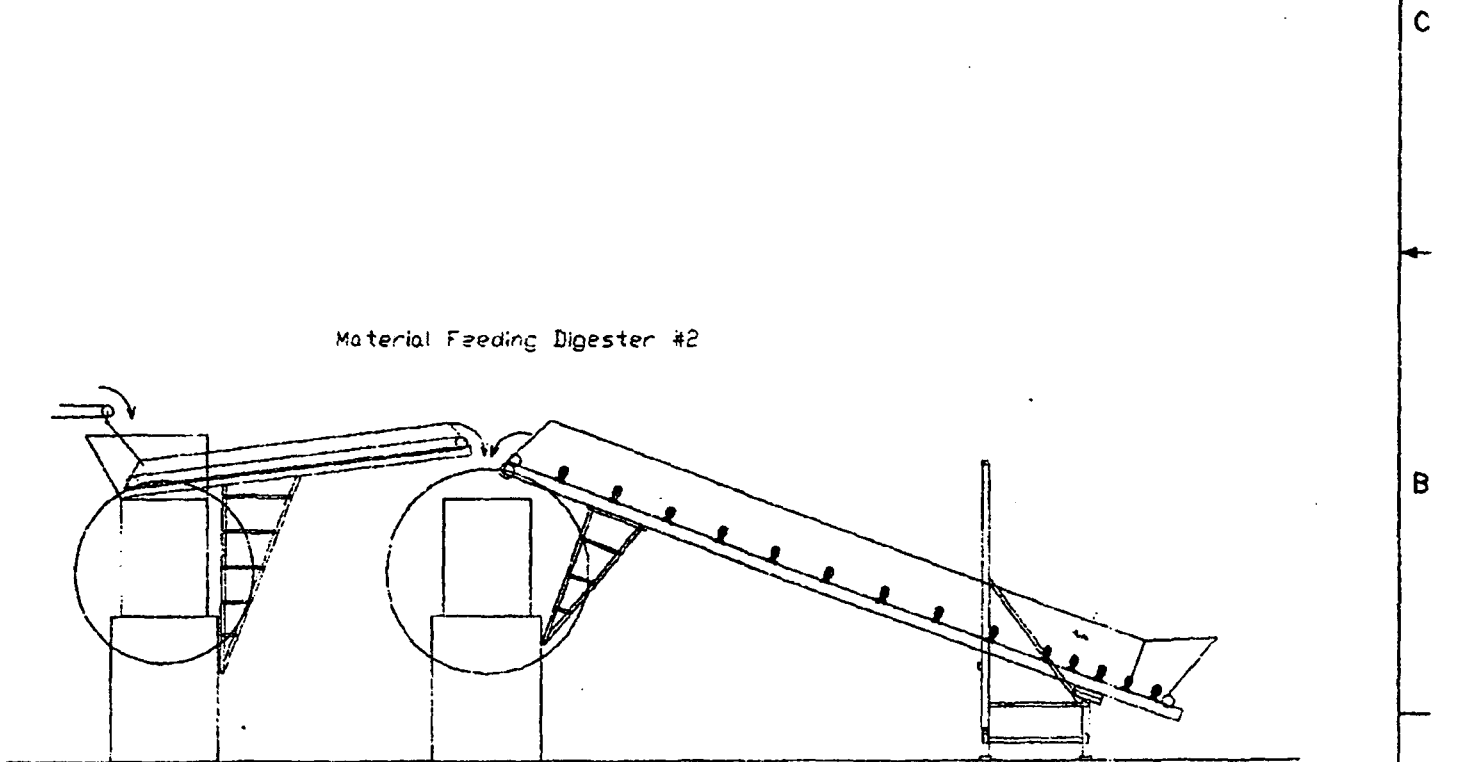
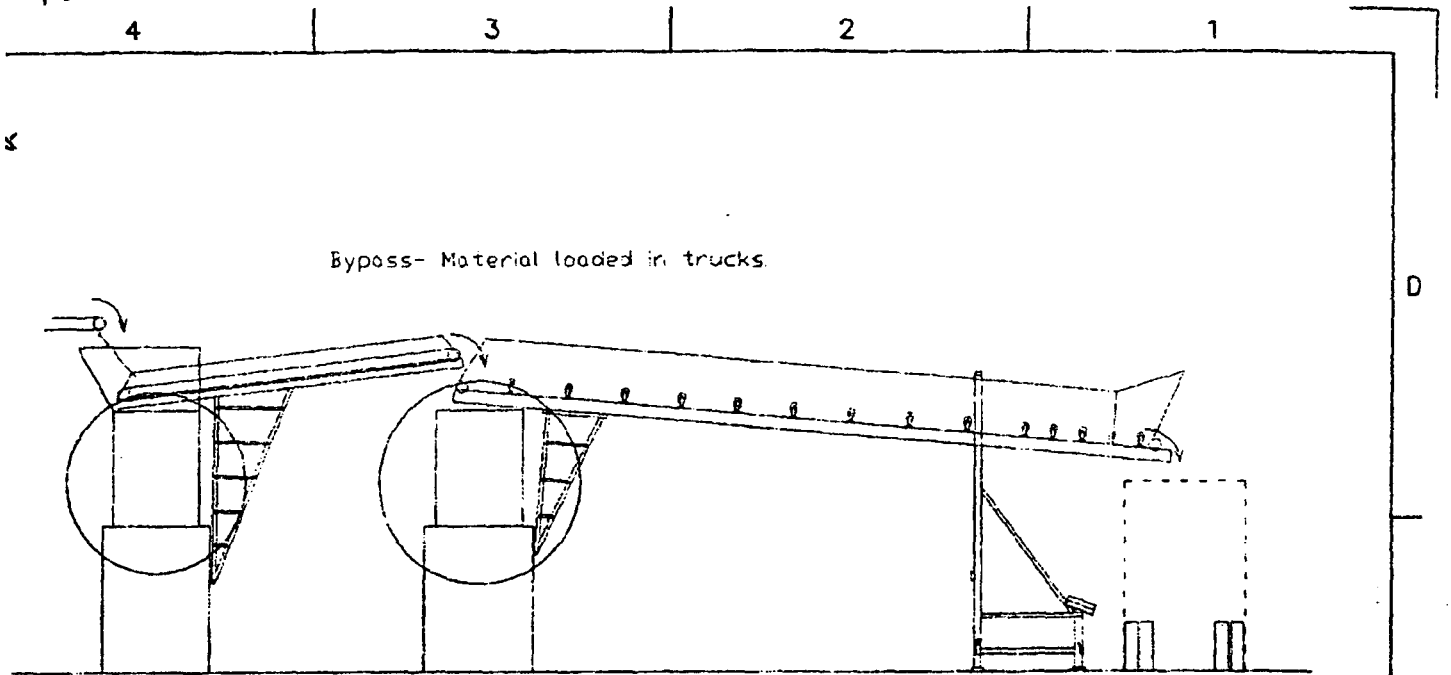
5

A



A schematic diagram of a three-link mechanism. The first link is a vertical bar pivoted at its base to a fixed frame. The second link is a horizontal bar pivoted at its left end to the top of the first link and at its right end to the top of a second vertical link. The second vertical link is pivoted at its base to a fixed frame. The third link is a long bar pivoted at its left end to the top of the second vertical link and at its right end to a vertical guide. The third link has several small circles along its length, representing joints or sensors. The vertical guide is a vertical bar with a horizontal slot at the top, through which the right end of the third link passes. Arrows indicate the degrees of freedom: rotation for the first and second links, and translation for the third link.

NEXT ASSEMBLY				
APPLICATION				
FINISH				
MATERIAL				
	REVISION DATA	BY	DATE	LETTER



TOLERANCES				
FIN	FRACTIONAL	2 P.L.	3 P.L.	ANGULAR
WELD	±1/32	±.03	±.010	±2°
FIN				
SIGNATURES				
DESIGN		DATE		
CHECK		DATE		
WELD		DATE		
WELD		DATE		
BY		DATE		
BY		DATE		

MGL ENGINEERING INC.
LAKELAND, FL.
863-648-0320

Sumter County Solid Waste

Sumter County

DATE	SIZE	PLOT	SCALE	SHEET	OF	SCALE	REV
D							

--ATTENTION MAIL ROOM--

PLEASE ROUTE THIS
DOCUMENT TO:

1/2/02
Solid Waste
FRANCINE Joy A/- TAL
Name of Individual/Office

4565
Mail Station Number

Department of Environmental Protection

1 District
1 Palm Drive
Tallahassee, Florida 32361-9

David B. Struhs
Secretary

December 28, 2001

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-Digester #2
Permit No.: 126940-008-SC, Sumter County

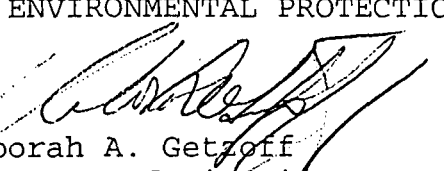
~~Dear Mr. Breeden:~~

Enclosed is Permit Number 126940-008-SC, 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, 3900
Commonwealth Blvd., MS#35, Tallahassee, 32399-3000; 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


Deborah A. Getzoff
Director of District Management
Southwest District

"More Protection, Less Process"

Printed on recycled paper.

Memorandum

Florida Department of Environmental Protection

PERMIT COVER MEMO

TO: x Deborah A. Getzoff, Director of District Management

FROM/THROUGH:

William Kutash

ENVIRONMENTAL ADMINISTRATOR

Robert Butera, P.E. 12/17/01

SUPERVISOR

Susan Pelz, P.E. 12/26/01

ENGINEER

DATE: December 26, 2001

FILE NAME: Sumter County Composting

PERMIT #: 126940-008-SC

PROGRAM : Solid Waste

COUNTY : Sumter

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

PUBLIC NOTICE PERIOD CLOSED? YES PETITION FILED? NO

PERMIT SUMMARY: This permit is to construct an additional digester unit at the County operated solid waste composting facility. The digester is part of a grant-funded project for increasing recycling and composting and evaluating new technologies.

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The applicant has provided sufficient information to demonstrate compliance with Department Rules.

Application received - September 24, 2001.

Application complete - November 6, 2001.

Department processing time-59 days (to 12-5-01); 60 days (to 12-26-01)

Total processing time - 73 days (to 12-5-01); 95 days (to 12-26-01)

Proof of pub. Rec'd 12-12-01; Active 12-26-01 (Day 31)

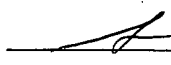
no petitions as of 11:01am 12-26-01 (checked LCT)

DAY 90/30 FOR THIS ACTION IS: ASAP.

CERTIFICATION

Application No. 126940-008-SC

I HEREBY CERTIFY that the engineering features described in the above referenced application (provide / ~~do not provide~~) reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title ⁶²~~17~~. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical and structural features).


(Signed)

12/27
(Date)

(Seal)



U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0014 8857 2759

Sumter Co. Public Works Dept

Postage \$

Certified Fee

Return Receipt Fee
(Endorsement Required)

Restricted Delivery Fee
(Endorsement Required)

Total Postage & Fees \$

12-28-01

Postmark
Here

Recipient's Name (Please Print Clearly) (To be completed by mailer)

GARRY BREEDEN, Director

Street, Apt. No., or PO Box No.

319 E. Anderson Ave

City, State, ZIP+4

Bushnell, FL 33513

PS Form 3800, February 2000

See Reverse for Instructions

SENDER:

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

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

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

Consult postmaster for fee.

3. Article Addressed to:

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

4a. Article Number

7000 0520 0014 8857 2759

4b. Service Type

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

7. Date of Delivery

12-31

5. Received By: (Print Name)

Cristy Wielan

6. Signature: (Addressee or Agent)

X Cristy Wielan

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

UNITED STATES POSTAL SERVICE



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

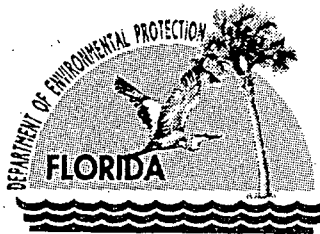
- Print your name, address, and ZIP Code in this box

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

Attn: Susan Pelz

#126940-008-SC

RECEIVED
JAN 03 2002
Deposited
BY SOUTHWEST DISTRICT
Department of Environmental Protection



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

December 28, 2001

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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-Digester #2
Permit No.: **126940-008-SC**, Sumter County


Dear Mr. Breeden:

Enclosed is Permit Number **126940-008-SC**, 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, 3900 Commonwealth Blvd., MS#35, Tallahassee, 32399-3000; 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


Deborah A. Getzoff
Director of District Management
Southwest District

"More Protection, Less Process"

Printed on recycled paper.

Sumter County Public Works Department
Mr. Garry Breeden, Director
Permit No.: 126940-008-SC

Page Two

December 28, 2001

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 December 28, 2001 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.


Clerk

12-28-01
Date

DAG/sjp
Attachment

Copies furnished to:

Elected Officials Notification List
Sumter County Board of County Commissioners
Virginia Watson, Sumter Co., 209 N. Florida St., Bushnell, Fl. 33513
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
Francine Joyal, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa (Permit Notebook)



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
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: **126940-008-SC**
Date of Issue: December 28, 2001
Expiration Date: **12/01/2006**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County
Composting Facility
Digester #2

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 #2

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.: 126940-008-SC
Composting Facility-Digester #2

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.: 126940-008-SC
Composting Facility-Digester #2

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.: 126940-008-SC
Composting Facility-Digester #2

GENERAL CONDITIONS:

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

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

GENERAL CONDITIONS:

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

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a 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 only (including foundations) in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Solid Waste Management Facility Application for Permit to Construct a New Solid Waste Digester, Sumter County Recycling, Processing and Composting Facility, dated September 12, 2001 (received September 24, 2001);

b. Additional information dated November 5, 2001 (received November 6, 2001);

c. Plan Sheets titled, Sumter County Board of County Commissioners, F.O.R.C.E. Solid Waste Digester II, (2 sheets) dated September 20, 2001 (received September 24, 2001);

d. Plan Sheets #69-4133, 69-4134, 69-4135, 69-4136, 69-4138, 69-4152A, 69-4154A, 69-4154B, 69-4155, 69-4157, and 69-4144A dated October 2, 2001 (received October 10, 2001), prepared by A-C Equipment Services;

and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**

a. This permit is valid for the construction of the new digester and foundations only. This permit does not authorize the operation of the digester or construction of related appurtenances such as the feed system/conveyor, air handling system/biofilter, etc. Upon completion of construction of the facility, the permittee shall submit a permit application for operation of the system. This application shall be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.

b. The information related to the "acceptance test" included in the November 6, 2001 submittal is insufficient and is not approved. This permit does not authorize the acceptance testing of the digester system. The permittee may submit a request for a minor permit modification, appropriate processing fee, and all required information for authorization of acceptance testing, or may include this information with the operation permit application required by Specific Condition #3.a., above.

SPECIFIC CONDITIONS:

(Specific Condition #3, cont'd)

c. 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 Rule 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:

- 1) As-built details of the digester including elevation views;
- 2) Piping, electrical, and other mechanical systems;
- 3) Other details as necessary.

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. Waste materials, including solid wastes and/or domestic wastes, shall not be processed (including "Acceptance Testing") in the new digester system prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above and the operation permit required by Specific Condition #3.a.

8. Control of Nuisance Conditions. The permittee 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.

9. 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) Damage to the existing composting facilities due to construction activities.

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

10. 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.

11. 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.

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

SPECIFIC CONDITIONS:

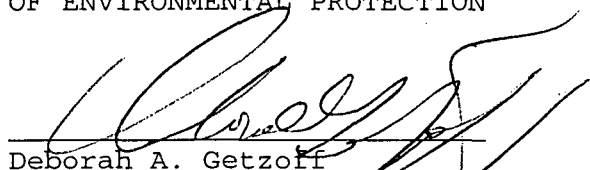
12. General Conditions. The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

13. 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.

14. Regulations. Chapters 62-709, 62-701, F.A.C., 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



Deborah A. Getzoff
Director of District Management
Southwest District

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

ATTACHMENT 1		
SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration	Permit Renewal Application
3.a., 5.	Within 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted; submit operation permit application
	Within 24 hours of occurrence Within 7 days	Notification of failure of systems Written notification & description of corrective actions



**Springstead
Engineering, inc.**

Consulting Engineers – Architects – Planners – Surveyors

RECEIVED

DEC 12 2001

Department of Environmental Protection
SOUTHWEST DISTRICT

BY _____

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

Date: December 11, 2001

Job No.: 921100.015

Attention: Ms. Susan Pelz, P.E.

RE: Sumter Co. Solid Waste Composting Facility

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			Original Proof of Publication from Daily Sun Expansion (Second Digester Unit) to a solid waste composting facility

THESE ARE TRANSMITTED as checked below:

☒ For Approval ☐ Approved as submitted ☐ Approved for payment

☐ For your use ☐ Approved as noted ☐ Resubmit _____ copies for approval

☒ As Requested ☐ Returned for corrections

☐ For Review and Comment _____

☐ Material and/or prints returned after loan to us

REMARKS

COPY TO:
Garry Breeden

SIGNED: _____

David W. Springstead
David W. Springstead, P.E.

DAILY SUN

Published Daily
Lady Lake, Florida
State of Florida
County of Lake

Before the undersigned authority personally appeared Carolyn J. Midora, who on oath says that she is Legal Ad Coordinator of the Daily Sun, a daily newspaper published at Lady Lake in Lake County, Florida; that the attached copy of the advertisement, being a Legal Ad # 0451809 in the matter of Notice Of State of Florida Dept of Environmental Protection Notice Proposed Agency Action On Permit Application in the _____ Court, was published in said newspaper in the issues of _____

December 11, 2001
Affiant further says that the said Daily Sun is a newspaper published at Lady Lake in said Lake County, Florida, and that the said newspaper has heretofore been continuously published in said Lake County, Florida, each week and has been entered as second class mail matter at the post office in Lady Lake, in said Lake County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that 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.

Carolyn J. Midora
(Signature Of Affiant)

Sworn to and subscribed before me this 11th day of December

Laura M. Ruland

(Name of Notary typed, printed or stamped)

Laura M. Ruland
MY COMMISSION # CC81072
February 21, 2001
BONDED THRU TROY FAIN INSUR

Personally Known ✓ or

Production Identification _____

Type of Identification Produced _____

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 Sumter County Public Works Department, Mr. Garry Breen, Director, who applied on September 24, 2001, to the Department of Environmental Protection for a permit to construct an expansion (second digester unit) 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 3000 Commonwealth Blvd., MS #35, Tallahassee, Florida 32399-3000, 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 Depart-

ment'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 Chapters 62-110 and 28-106, 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.

#0451809 December 11, 2001

Memorandum

Florida Department of Environmental Protection

PERMIT COVER MEMO

TO: x Deborah A. Getzoff, Director of District Management

FROM/THROUGH:

William Kutash

ENVIRONMENTAL ADMINISTRATOR

Robert Butera, P.E. 12/6/01

SUPERVISOR

Susan Pelz, P.E. 12/5/01

ENGINEER

DATE: December 5, 2001

FILE NAME: Sumter County Composting

PERMIT #: 126940-008-SC

PROGRAM : Solid Waste

COUNTY : Sumter

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

PUBLIC NOTICE PERIOD CLOSED? PETITION FILED?

PERMIT SUMMARY: This permit is to construct an additional digester unit at the County operated solid waste composting facility. The digester is part of a grant-funded project for increasing recycling and composting and evaluating new technologies.

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The applicant has provided sufficient information to demonstrate compliance with Department Rules.

Application received - September 24, 2001.

Application complete - November 6, 2001.

Department processing time - 59 days (to 12-5-01).

Total processing time - 73 days (to 12-5-01).

DAY 90/30 FOR THIS ACTION IS: ASAP.

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

6449
6336
0016
0010
0250
7000

Sumter County Public Works Dept

Postage \$

Certified Fee

Return Receipt Fee
 (Endorsement Required)

Restricted Delivery Fee
 (Endorsement Required)

Total Postage & Fees \$

12-7-01

Postmark
 Here

Recipient's Name (Please Print Clearly) (To be completed by mailer)

Mr. Barry Breeden, Dir

Street, Apt. No.; or PO Box No.

319 E. Anderson Ave

City, State, ZIP+4

Bushnell, FL 33513

PS Form 3800, February 2000

See Reverse for Instructions

Is your RETURN ADDRESS completed on the reverse side?

Content to license #126940-008-SC

SENDER: *Sumter County Composting*

- 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 County Public Works Dept
 Mr. Barry Breeden, Dir
 319 E. Anderson Ave
 Bushnell, FL 33513*

4a. Article Number

7000 0520 0016 6336 6449

4b. Service Type

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

7. Date of Delivery

12-10

5. Received By: (Print Name)

Christy Wreelan

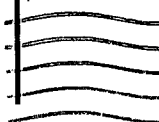
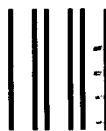
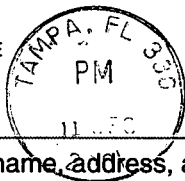
6. Signature: (Addressee or Agent)

X Christy Wreelan

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

102595-97-B-0179

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

D.E.P.
DEC 12 2001
Southwest District Tampa

Susan Pily Solid Waste



THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL 7000 0520 0016 6336 6449
RETURN RECEIPT REQUESTED

December 7, 2001

In the matter of an
Application for Permit by:

DEP File No. 126940-008-SC
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 September 24, 2001, and submitted additional information on October 11, 2001 and November 6, 2001, to the Department of Environmental Protection for a permit to construct an expansion (second digester unit) 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, 62-701, and 62-709, F.A.C., subject to the specific conditions attached in the permit.

Pursuant to Section 403.815, Florida Statutes and Chapters 62-110, and 28-106, 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.

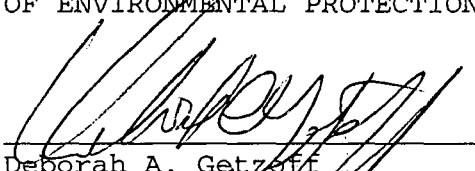
In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient 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, F.S. 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, F.S., 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.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Deborah A. Getzoff
Director of District Management
Southwest District

DAG/sjp

Attachment

Copies furnished to:

Elected Officials Notification List

Sumter County Board of County Commissioners

Virginia Watson, Sumter County, 209 N. Florida St., Bushnell, Fl. 33513

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

Francine Joyal, FDEP Solid Waste Tallahassee

Robert Butera, P.E., FDEP Tampa

LB

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 December 7, 2001 to the listed persons.

Clerk Stamp

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

Anna Black
(Clerk)

12-7-01
(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 September 24, 2001, to the Department of Environmental Protection for a permit to construct an expansion (second digester unit) 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.

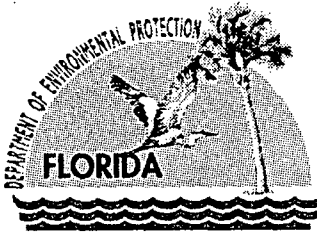
Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below, and must be filed (received) in the Office of General Counsel of the Department at 3000 Commonwealth Blvd., MS #35, Tallahassee, Florida 32399-3000, 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 Chapters 62-110 and 28-106, 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

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
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: **126940-008-SC**
Date of Issue:
Expiration Date: **12/01/2006**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County
Composting Facility
Digester #2

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 #2

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.

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

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.

DRAFT

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 only (including foundations) in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Solid Waste Management Facility Application for Permit to Construct a New Solid Waste Digester, Sumter County Recycling, Processing and Composting Facility, dated September 12, 2001 (received September 24, 2001);

b. Additional information dated November 5, 2001 (received November 6, 2001);

c. Plan Sheets titled, Sumter County Board of County Commissioners, F.O.R.C.E. Solid Waste Digester II, (2 sheets) dated September 20, 2001 (received September 24, 2001);

d. Plan Sheets #69-4133, 69-4134, 69-4135, 69-4136, 69-4138, 69-4152A, 69-4154A, 69-4154B, 69-4155, 69-4157, and 69-4144A dated October 2, 2001 (received October 10, 2001), prepared by A-C Equipment Services;

and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**

a. This permit is valid for the construction of the new digester and foundations only. This permit does not authorize the operation of the digester or construction of related appurtenances such as the feed system/conveyor, air handling system/biofilter, etc. Upon completion of construction of the facility, the permittee shall submit a permit application for operation of the system. This application shall be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.

b. The information related to the "acceptance test" included in the November 6, 2001 submittal is insufficient and is not approved. This permit does not authorize the acceptance testing of the digester system. The permittee may submit a request for a minor permit modification, appropriate processing fee, and all required information for authorization of acceptance testing, or may include this information with the operation permit application required by Specific Condition #3.a., above.

DRAFT

SPECIFIC CONDITIONS:

(Specific Condition #3, cont'd)

c. 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 Rule 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:

- 1) As-built details of the digester including elevation views;
- 2) Piping, electrical, and other mechanical systems;
- 3) Other details as necessary.

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. Waste materials, including solid wastes and/or domestic wastes, shall not be processed (including "Acceptance Testing") in the new digester system prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above and the operation permit required by Specific Condition #3.a.

8. Control of Nuisance Conditions. The permittee 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.

9. 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) Damage to the existing composting facilities due to construction activities.

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

10. 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.

11. 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.

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

SPECIFIC CONDITIONS:

DRAFT

12. 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.

13. 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.

14. Regulations. Chapters 62-709, 62-701, F.A.C., 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

Deborah A. Getzoff
Director of District Management
Southwest District

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

PERMIT NO.: 126940-008-SC
Composting Facility-Digester #2

ATTACHMENT 1		
SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration	Permit Renewal Application
3.a., 5.	Within 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted; submit operation permit application
	Within 24 hours of occurrence Within 7 days	Notification of failure of systems Written notification & description of corrective actions

DRAFT



**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

November 5, 2001

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

RE: Response to First Request for Additional Information
Composting Facility Expansion - Digester No. 2
Pending Permit No. 126940-008-SC, Sumter County

RECEIVED

NOV 06 2001

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

Dear Susan:

We have received your comments dated October 22, 2001 regarding the construction permit application submitted for the above referenced project. Our response to your comments are presented below.

The permit application is for the construction only of the proposed digester. Several of your RAI comments concern operational issues which will be addressed in a permit modification for the digester. Per your direction, we submitted information for construction of the digester with existing facility information. The operational part of the new digester project will require modifications to implemented over a period of time with the construction being the first stage. We are actively working on the modification application but the construction of the foundations and the digester tube are of immediate concern.

1. Please provide 3 copies of all requested information. All copies must include the signature and seal of the professional who prepared them.
1. **The comment is noted and three (3) copies are provided.**
2. Rule 62-701.320(12), F.A.C. Please publish and provide proof of publication of the attached Notice of Application.
2. **The proof of publication is attached.**
3. Please provide details on the processing method. What is the residence time for the material in the digester? Is the process a batch process or continuous feed? If the time the materials spend in the digester is dependant on the volume of material received at the facility (page 2), how are the time, temperature and pathogen reduction requirements met?
3. **Initially, the digester will be operated with a 72-hour retention time. We are currently reviewing the retention time and material processing for the new digester. This information will be provided in the modification of permit described above. The time the material will spend in the digester and the temperature the material attains will be measured and documented to insure that the pathogen destruction occurs. The time, temperature and volume reduction requirements for windrow composting in 62-709 will be met during the finishing process after the initial screening.**

*New digester
126940-008-
SC*

FILE

4. Please describe the process after the material located on the composting pad is screened. (page 2)
4. **After the compost goes through final screening, the material is loaded and trucked to the north pad and stored in a pile as finished compost. The finished compost is sampled and tested quarterly to determine the classification of the compost.**
5. Please clarify if the estimates on page 3 are based on volume or weight.
5. **The estimated percentages of waste recycled are based on volume of incoming wastes.**
6. Please provide detailed procedures for the "acceptance testing."
6. **The procedures for acceptance testing are attached.**
7. Please provide calculations and figures as appropriate which show the flow of material through the facility, including the digester, maximum capacity in the finishing building(s), and finished compost storage. If the design capacity of the facility is 100 tons per day (page 4), and the existing digester accommodates 150 tons per day (page 1), please explain the purpose of the new digester.
7. **The comment on Page 4 indicating the design capacity of the facility at 100 tons per day is based on the existing digester operating at 50 tons per day and the MRF processing 100 tons per day in an eight hour shift (12.5 tons per hour). The comment on Page 1 indicating that the existing digester has a capacity of 150 tons is for a fully loaded digester (50 tons per day with a residence time of 3 days for a total of 150 tons of material).**
The purpose of the new digester is to provide for additional operation capacity for Sumter County. Sumter County is the 2nd fastest growing county in the state and the purpose for the construction is to prepare for the additional volume. The capacity of the individual components will be addressed in the upcoming modifications which would address upgrading or adding components which might limit volume.
8. Please explain the description of the new digester as "open tube." (page 9)
8. **The "open tube" description refers to the fact that the proposed digester is not built with bulkheads at the one-third points, as the existing digester did.**
9. Please provide plan sheets which show how the existing conveyor system will provide feedstock to the new digester. (page 9)
9. **The existing conveyor system will provide the solid waste material from the MRF for the new digester. A new cross-conveyor will be permitted and constructed to move the material from the discharge of the existing conveyor to the loading ram of the new**

digester. The plans and details of the cross-conveyor will be provided in a future permit modification for the digester appurtenances.

10. Drawing 69-4133. This drawing seems to indicate that a temperature rise of 300 degrees Fahrenheit will be obtained by the third stage of the digester. Please describe the impacts of this temperature on the process. Section A-A shown on this drawing not appear to be noted on a cross-section.
10. **The estimated temperature rises are shown to indicate what the allowable expansion of the steel tube is based on. No outside heat will be added for the composting process. Based on the existing digester at the facility, the heat of the material will go from ambient to about 140° F in the first third of the digester and will vary from about 140°F to about 160°F while moving through the final 2/3 of the digester. AC Equipment also manufactures kilns which do incorporate heat addition into the process and the steel tubes are constructed to allow for the expansion due to the anticipated temperatures. The operation of the digester will not be affected due to the design temperatures not being reached.**
11. Please provide architectural and/or civil drawings which include elevations and other appropriate details and narrative to illustrate and describe the digester construction and operation. The drawings appear to show that the digester is not fully enclosed (i.e. is open-ended). In this case please explain how leachate and gasses will be controlled. Please provide specifications as appropriate for the digester. Please specify the material for construction. Please specify insulating material. The drawings refer to the digester as a "biomixer." Please explain this description. Please provide details about the interior of the digester. Drawing 69-4135 refers to the digester as a "kiln." Please explain this description.
11. **The digester is fully enclosed and will operate in the same manner as the existing digester. The feed end will have a 1-foot steel lip with an air sealed in-feed. The bottom end is a solid steel plate with protrusions for air supply. The digester will be discharged through the four discharge doors on the side of the digester at the low end. The new digester is sealed with the same design as the existing digester and will not allow gasses to escape except into a new manifold leading to the existing biofilter (yet to be permitted). As with the existing digester, moisture must be added to the mixture for the composting. No leachate is generated in the composting process.**

The digester will be constructed of steel having a minimum thickness of 3/4-inches. No exterior insulation is proposed for this digester. Insulation is provided by the buildup of material in the wear bars (2-inches thick) on the interior of the digester.

As previously discussed, AC Equipment Services manufactures kilns and digesters for use around the U.S. The term biomixer on the plans refers to the digester. The term kiln refers to the digester.

Department of Environmental Protection
Ms. Susan J. Pelz, P.E.

November 5, 2001
Page No. 4

The interior of the digester will be lined with carbon steel wear bars (the same as the existing digester) which will be 1/2" x 2" on 7" spacings (longitudinal) around the interior perimeter of the digester for the full length of the digester.

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

1. The Department acknowledges that only construction of portions of the digester system are requested in the pending permit application. The Operation of the proposed new digester will not be authorized until sufficient operational information has been provided and approved by the Department.

We hope that this information meets your needs at this time. If you have any questions or require additional information, please do not hesitate to contact our office.

Very truly yours,
Springstead Engineering, Inc.


David W. Springstead, Jr., P.E.
Florida Registration No. 48296

cc: Garry Brecken, Sumter County Public Works
Terry Hurst, Sumter County Recycling, Processing and Composting Facility
Mitch Kessler - Kessler Consulting, Inc.

DAILY SUN

Published Daily
Lady Lake, Florida
State of Florida
County of Lake

Before the undersigned authority personally appeared Carolyn J. Midora, who on oath says that she is Legal Ad Coordinator of the Daily Sun, a daily newspaper published at Lady Lake in Lake County, Florida: that the attached copy of the advertisement, being a Legal Ad 101532012 in the matter of Notice Of Application

in the _____ Court, was published in said newspaper in the issues of October 27, 2001.

Affiant further says that the said Daily Sun is a newspaper published at Lady Lake in said Lake County, Florida, and that the said newspaper has heretofore been continuously published in said Lake County, Florida, each week and has been entered as second class mail matter at the post office in Lady Lake, in said Lake County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that 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.

Carolyn J. Midora
(Signature Of Affiant)

Sworn to and subscribed before me this 29th day of October, 2001. Cera A. Paradiso
[Signature] MY COMMISSION # DD041299 EXPIRES July 10, 2005
[Notary Seal] BONDED THRU TROY FAJN INSURANCE, INC.
(Name of Notary typed, printed or stamped)

Personally Known ☒ or
Production Identification _____
Type of Identification Produced _____

Attach Notice Here

State of Florida Department of Environmental Protection Notice of Application

The Department announces the receipt of an application for permit from Sumter County Public Works Department/Mr. Gary Breeden, Director, for construction of a solid waste composting/digester system located at the Sumter County Recycling, processing and Composting Facility located south of CR 549 west of 175, Sumter County, Florida.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m. Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

#01532012 October 27, 2001

ATTACHMENT X ACCEPTANCE TEST

1.01 Certification of Acceptance Test Results.

(a) No later than 5 days after the Acceptance Test has been completed, the Contractor shall prepare a written report to the Owner documenting the results of the Acceptance Test. Within five business days of Owner's receipt of the report, Owner shall notify the Contractor in writing whether owner approves the result of the Acceptance Test.

(b) If Owner shall determine, based upon the results of such Acceptance Test, that the Contractor has failed to successfully complete the Acceptance Test, Owner shall provide a written description in reasonable detail of the basis for its determination. If the Contractor does not concur with such determination, the matter shall be considered a Dispute subject to resolution in accordance with the procedures set forth in Article IV.

(c) The Owner and Contractor working together shall conduct the Acceptance Test in accordance with the terms of this Attachment X. In the event of any Acceptance Test failure, the Owner shall continue to be responsible for its costs during any retests except the Contractor shall be responsible for the expenses of any and all remediation work necessary to meet Acceptance.

(d) In the event that the Digester shall fail the initial Acceptance Test as determined by Owner, the Contractor shall, within 15 days, provide Owner with a written report specifying: (i) the nature of the failure; (ii) the cause of the failure, if known; (iii) the Contractor's proposed course of action to correct the deficiency; and (iv) the Contractor's estimate of time required to effectuate proposed remedial measures. Upon Owner's receipt of a proposed plan of remediation the Contractor shall complete all required remedial measures in accordance with the plan and Owner and shall conduct another Acceptance Test in accordance with this Attachment X and within 15 days of completion of the remedial measures.

1.02 Acceptance Test Standards

The Acceptance Test shall be deemed successful if the following conditions have been achieved:

Day One: Owner shall load 200 tons of MSW and sludge, having a density of approximately 42 lb. cu. ft., into the digester.

Day Two: Repeat of Day One.

Day Three: Owner shall unload 200 tons of semi-composted material from the digester and load 200 tons of MSW and sludge as on Day One.

Day Four: Same as Day Three.

Day Five: Same as Day Three.

During this period the digester shall be operated at either the high speed or low speed as Owner deems necessary for operation. The digester shall be shutdown and restarted as is proper for operation. The digester shall be functioning without mechanical defect or malfunction and the digester will be adjusted to meet all appropriate tolerances and alignments.



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 East Anderson Ave.
Bushnell, FL 33513

October 22, 2001

RE: Composting Facility Expansion - Digester #2
Pending Permit No. 126940-008-SC, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of your permit application dated September 11, 2001 (received September 24, 2001) prepared by Springstead Engineering, and drawings received October 11, 2001, prepared by A-C Equipment Services to construct a new 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. This is the Department's first request for additional information. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received. The following information is needed in support of the solid waste application [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

1. Please provide three copies of all requested information. All copies must include the signature and seal of the professional who prepared them.
2. Rule 62-701.320(12), F.A.C. Please publish and provide proof of publication of the attached Notice of Application.
3. Please provide details on the processing method. What is the residence time for the material in the digester? Is the process a batch process or continuous feed? If the time the materials spends in the digester is dependent on the volume of material received at the facility (page 2), how are the time, temperature and pathogen reduction requirements met?
4. Please describe the process after the material located on the composting pad is screened. (page 2)

"More Protection, Less Process"

Printed on recycled paper.

5. Please clarify if the estimates on page 3 are based on volume or weight.
6. Please provide detailed procedures for the "acceptance testing."
7. Please provide calculations and figures as appropriate which show the flow of material through the facility, including the digester, maximum capacity in the finishing building(s), and finished compost storage. If the design capacity of the facility is 100 tons per day (page 4), and the existing digester accommodates 150 tons per day (page 1), please explain the purpose of the new digester.
8. Please explain the description of the new digester as "open tube." (page 9)
9. Please provide plan sheets which show how the existing conveyor system will provide feedstock to the new digester. (page 9)
10. Drawing 69-4133. This drawing seems to indicate that a temperature rise of 300 degrees Fahrenheit will be obtained by the third stage of the digester. Please describe the impacts of this temperature on the process. Section A-A shown on this drawing does not appear to be noted on a cross-section.
11. Please provide architectural and/or civil drawings which include elevations and other appropriate details and narrative to illustrate and describe the digester construction and operation. The drawings appear to show that the digester is not fully enclosed (i.e. is open-ended). In this case please explain how leachate and gases will be controlled. Please provide specifications as appropriate for the digester. Please specify the material for construction. Will the digester be insulated? Please specify insulating material. The drawings refer to the digester as a "biomixer." Please explain this description. Please provide details about the interior of the digester. Drawing 69-4135 refers to the digester as a "kiln." Please explain this description.

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

1. The Department acknowledges that only construction of portions of the digester system are requested in the pending permit application. The Operation of the proposed new digester will not be authorized until sufficient operational information has been provided and approved by the Department.

"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

Attachment

cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St.
Leesburg, FL 34748, w/attachment
Virginia Watson, Sumter County Planning Dept., 209 N. Florida St.,
Bushnell, Fl. 33513
Robert Butera, P.E., FDEP, Tampa

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

State of Florida
Department of Environmental Protection
Notice of Application

The Department announces the receipt of an application for permit from Sumter County Public Works Department, Mr. Garry Breeden, Director, for construction of a solid waste composting digester system, located at the Sumter County Recycling, processing and Composting Facility, located south of CR549, west of I-75, Sumter County, Florida.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m. Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.



**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

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

Date: October 10, 2001

Job No.: 921100.015

Attention: Ms. Susan Pelz, P.E.

RE: Solid Waste Management Facility

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			Sets of Plans to go with previously submitted Application for Permit to Construct a New Solid Waste Digester Sumter County Recycling, Processing and Composting Facility AC Equipment Services (11 Sheets dated October 2, 2001)

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 _____

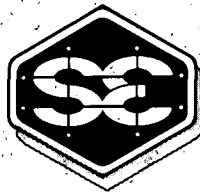
☐ Material and/or prints returned after loan to us

REMARKS

COPY TO:
Garry Breeden

SIGNED: _____

D.E.P.
OCT 11 2001
Southwest District Tampa
David W. Springstead, P.E.



DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOLID WASTE MANAGEMENT FACILITY
APPLICATION FOR PERMIT TO CONSTRUCT A
NEW SOLID WASTE DIGESTER
SUMTER COUNTY RECYCLING, PROCESSING AND
COMPOSTING FACILITY

PREPARED FOR:



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

September 12, 2001

SEI File No. 921100.015
9810039.002

Springstead Engineering, inc.

Consulting Engineers – Planners – Surveyors

727 South 14th Street

Leesburg, Florida 34748

Lake (352) 787-1414

Sumter (352) 793-3639

Fax (352) 787-7221

FILE

D.E.P.
SEP 24 2001
Southwest District Tampa

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOLID WASTE MANAGEMENT FACILITY
APPLICATION FOR PERMIT TO CONSTRUCT A
NEW SOLID WASTE DIGESTER
SUMTER COUNTY RECYCLING, PROCESSING AND
COMPOSTING FACILITY

PREPARED FOR:



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

September 12, 2001

SEI File No. 921100.015
9810039.002



**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

D.E.P.

SEP 24 2001

Southwest District Tampa

September 12, 2001

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

**RE: Solid Waste Management Facility
Application for Permit to Construct a New Solid Waste Digester
Sumter County Recycling, Processing and Composting Facility
9211000.015**

Dear Ms. Pelz:

Please find attached an application for construction of a new solid waste digester at the above facility. Along with the permit application are the attachments necessary to support the application, a letter which authorizes Mr. Garry Breeden to sign as agent, a letter and resolution regarding fees for small counties and a check in the amount of \$100.00.

At this time we are requesting only construction of the mechanical components of the digester (the foundations, rollers, shell and drive mechanism) and the limited operation of the digester to perform the acceptance test to complete the construction. The appurtenances including the loading ram and conveyors, the discharge conveyors, air supply equipment, air collection equipment, the biofilter and other systems are not a part of this application. The appurtenant system construction and the operation of the equipment will be addressed in a separate application to follow this application.

The permitting time frame to construct the digester as described is extremely important as the concrete foundations for the digester must be constructed and given time to cure prior to loading the foundations with the weight of the digester. The construction of the digester is part of the FORCE Project that Sumter County and the Department have been working on for the past year. It is anticipated that the county will approve the final contract for the FORCE Project on September 11, 2001. Construction of the digester is the first step in moving the project forward to an operating center.

Ms. Susan J. Pelz, P.E.
09/12/01
Page No. 2

Plans received by the digester contractor, AC Services for construction of the digester are attached. AC Services is the premier manufacturer and installer of solid waste digesters in the US. AC Services has many years of design, manufacture and construction of large diameter rotary kilns.

Please review the attached information. Should you have any questions or require additional information, please do not hesitate to contact me.

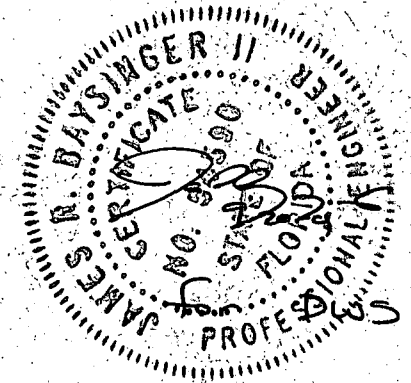
Very truly yours,

SPRINGSTEAD ENGINEERING, INC.

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

cc: Garry Breeden - Sumter County Public Works
Terry Hurst - Sumter County Composting, Processing and Recycling Facility
Mitch Kessler - Kessler Consultants

(09/12/01 - newdigestercoverlet.doc)



James R. Baysinger II, P.E.
Florida Registration No. 54590



Department of Environmental Protection

DEP Form # 62-701.900(10)
Ap. for Per. to Construct/Operate a Solid
Form Title <u>Waste Mgmt. Fac. for Prod. of Compost</u>
Effective Date <u>12-23-96</u>
DEP Application No. _____
(Filled in by DEP)

Application for a Permit to Construct ☒ Operate ☐ A Solid Waste Management Facility for the Production of Compost

General Requirements

Solid Waste Management Facilities for the production of compost or mulch shall be permitted pursuant to Section 403.707, Florida Statutes, and in accordance with Rule 62-709, Florida Administrative Code. A minimum of six copies of the application shall be submitted to the Department district Office having jurisdiction over the facility. Complete appropriate sections for the type of facility for which application is made. Entries should be typed or printed in ink. All blanks should be filled in or marked not applicable. The application shall include all information, drawings, and reports necessary to evaluate the facility. Information required to support the application is listed on the attached pages of this form.

Facility Type: ☒ Existing ☐ Proposed

Materials Processed: ☐ Yard Trash ☐ Manure ☐ Other Solid Wastes ☒ Solid Wastes with Sludge

1. Facility Name: Sumter County Solid Waste Management Facility

b. Facility Location (main entrance): 835 CR 529, Sumterville, FL; 1 mile E. of I-75 on CR 470.

Section 15/22, Township 20, Range 22 Latitude 28 ° 44 ' 30 " Longitude 82 ° 05 ' 20 "

2. a. Applicant Name (operating authority): Sumter County Department of Public Works

b. Address: 319 E. Anderson Avenue Bushnell FL 33513
Street P.O. Box City State Zip Code

c. Contact Person: Garry Breeden 352-793-0240
Name Telephone Number

3. a. Authorized Agent/Consultant: Springstead Engineering, Inc.

b. Address: 727 S. 14th Street Leesburg FL 34748
Street P.O. Box City State Zip Code

c. Contact Person: David W. Springstead, P.E. 352-787-1414
Name Telephone Number

4. a. Landowner (if different than applicant): _____

b. Address: _____
Street P.O. Box City State Zip Code

5. Estimated Cost of Construction, Total: \$ 1,700,000

Anticipated Construction Starting and Completion Dates From: December 1, 2001 To: December 31, 2001

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
904-444-8360

Northeast District
7825 Baymeadows Way, Ste. B200
Jacksonville, FL 32256-7590
904-448-4300

Central District
3318 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

DEP Form # 62-701.800(10)
Ap. for Per. to Construct/Operate a Solid Waste Mgmt. Fac. for Prod. of Compost
Effective Date 12-23-96
DEP Application No. _____ (Filled in by DEP)

Required Attachments for Construction/Operation Permit for a Solid Waste Management Facility Producing Compost

General

Permit application and supporting information shall include the following (62-709.300(3), F.A.C.):

1. A letter of transmittal to the Department;
2. A table of contents listing the main section of the application
3. The permit fee specified in Rule 62-4.05, F.A.C., in check or money order payable to the Department;
4. Six copies, at minimum, of the completed application for, all supporting data, and reports;
5. Engineer seal;
6. Engineer's letter of appointment, if applicable;
7. Copy of any lease agreement, or any other agreement between operator and property owner by which the closing of the facility may be affected; and
8. Proof of publication of notice of application for the proposed activity in a newspaper of general circulation.

Completeness
Check

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Specific Attachment Item

The following information items must be included in the application. Please explain if they are not applicable.

NOTE: For facilities that have been satisfactorily constructed in accordance with their construction permit, the information required does not have to be resubmitted for an operation permit if the information has not changed during the construction period.

1. Facility Design (62-709.500, F.A.C.)

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NOTE: All maps, plan sheets, drawings, or aerial photographs shall be legible; be signed and sealed by the registered professional engineer responsible for their preparation; be of appropriate scale to show clearly all required details; be numbered, referenced to narrative, titled, have a legend of symbols used, contain horizontal and vertical scales (where applicable), and specify drafting or origination dates; and use uniform scales as much as possible, contain a north arrow, and use NGVD for all elevations.

- a. A map or aerial photograph of the area, no more than 1 year old, unless not substantially changed for older map or photograph, showing land use and zoning within 1 mile of the facility. (62-709.500(2)(a), F.A.C.)

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- b. Site Plan (62-709.500(2)(b), F.A.C.)

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Note: The site plan shall be on a scale not greater than 200 feet to the inch showing the following:

- (1) Dimensions of the site
- (2) Plan for receiving, procession, production, curing (if any) and storage areas
- (3) Fencing or other measures to restrict access

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- c. Topographic Maps (62-709.500(2)(c), F.A.C.)

NOTE: The topographic maps, which may be combined with the plot plan (item 1b), on a scale not greater than 200 feet to the inch showing the following:

- (1) Five foot contour intervals
- (2) Access roads
- (3) Grades required for proper drainage
- (4) Special drainage devices
- (5) Other pertinent information based on intended use of facility

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- d. Report (62-709.500(2)(d), F.A.C.)

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- (1) Designed capacity of the proposed facility
- (2) Anticipated type and source of solid waste
- (3) Any additives to be used in the production of compost

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Completeness
Check

2. Facility Performance and Design Standards (62-709.500, F.A.C.)

- a. Support for operation (62-709.500(1), F.A.C.)
 - (1) Material type (soil, synthetic, other) ☒
 - (2) Adequate base support ☒
- b. Leachate control and removal system performance (62-709.500(6), F.A.C.)
 - (1) Construction materials ☐
 - (2) Strength and thickness ☐
 - (3) Measures to prevent clogging ☐
 - (4) Central collection point for reused, or treatment and disposal ☐
 - (5) Equivalency to design standards ☐
- c. Stormwater management system performance (62-709.500(3), F.A.C.)
 - (1) Prevention of surface water flowing onto receiving, processing, and curing (if any) areas ☒
 - (2) Stormwater run-off controls; retention, detention ponds ☐
 - (3) Equivalency to design standards ☐
 - (4) Design to minimize ponding of solid waste, composting material and finished compost ☐
 - (5) Water management district approval ☐

3. Operational Features and Appurtenances (62-709.500(4), F.A.C.)

- a. Effective barrier ☒
- b. All weather access road ☒
- c. Signs indicating name of operating authority, traffic flow, hours of operation, contact in cases of emergencies and charges (if any) ☒
- d. Scales ☒
- e. Dust control method ☒
- f. Litter control devices (if needed) ☒
- g. Fire protection and control provisions ☒
- h. Odor control devices; methods or practices ☒

4. Additional Operation Criteria (62-709.510(c), F.A.C.)

- a. Attendant ☒
- b. Communication devices ☒

5. Operations Plan (62-709.500(5)(c), F.A.C.)

- a. Designation of responsible person(s) ☒
- b. Proposed equipment ☒
- c. Contingency operations ☒
- d. Controlling the type of waste received at the site ☒
- e. Weighing incoming waste ☒
- f. Vehicle traffic control and unloading ☒
- g. Method and sequence of processing the waste ☒
- h. Operations of leachate, and stormwater controls ☒
- i. Designation of backup disposal site(s) ☒

Water Quality Standards (62-709.500(3) & (6)(c), F.A.C.)

Describe how surface runoff and leachate will be handled to meet water quality standards of Rules 62-3 and 62-4, F.A.C. ☒

7. Compost Facility Data Form ☒

8. Certification by Applicant and Engineer or Public Officer ☒

Compost Facility Data Form

Permit No.: 126940-001-S0 Issue Date: 5/29/1998 Expires: 5/01/2003

Facility No. (DEP identification): 4060C00092

DEP Action: ☐ Add ☐ Delete ☐ Change ☐ Deactivate Site ☒ Other Construct New Digest.

1. County <u>Sumter</u>		2. Facility Name <u>Sumter County Solid Waste Management Facility</u>	
3. Date Form Completed <u>9/7/01</u>		4. Facility Address <u>835 CR 529, Sumterville, Florida</u>	
4a. Facility Phone Number <u>(352) 793-3368</u>		4b. Facility Site Supervisor <u>Mr. Terry Hurst</u>	
5. Facility Type <input checked="" type="checkbox"/> Composting <input type="checkbox"/> In-vessel <input type="checkbox"/> Static Pile <input checked="" type="checkbox"/> Windrow <input checked="" type="checkbox"/> Other. Describe <u>Digester</u>			
6. Month/Year Begun <u>10/88</u>		7. Area within Site Boundary <u>120</u> Acres	
8. Area within Property Boundary <u>120</u> Acres		9. Security to Prevent Unauthorized Use <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
10. Weighing Scales <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		11. Waste Processed Per Operation Day <u>64</u> tons	
12. Maximum Processing Rate <u>100</u> tons			
13. Charge/ton <u>49.50</u>		14. Days operated S (M) (T) (W) (T) (F) (S)	
15. Hours/Day Operated <u>8</u>			
16. Types of Waste Received <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Agricultural <input type="checkbox"/> Septic Tank <input type="checkbox"/> Sludge <input checked="" type="checkbox"/> Yard Trash <input checked="" type="checkbox"/> Sewage Sludge <input checked="" type="checkbox"/> Other <u>Institutional</u>			
17. Leachate Recycled <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		17a. Treatment Method Used: <u>Recirculate into digester for moisture</u>	
17b. Discharges to: <input type="checkbox"/> Surface Waters <input type="checkbox"/> Underground <u>N/A</u>		17c. Class Receiving Water <u>N/A</u>	
18 Final Residue is <u>30 % of waste intake</u>		18a. Residue is disposed of at (site name) <u>Bayside</u>	
19. Surface Runoff Collected <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		19a. Type of Runoff Treatment <u>DRY RETENTION</u>	
19b. Class of Receiving Waters <u>G-11</u>		20 Number of Staff <u>42</u>	
21 Attendant <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		22. Name and Title of Person Completing Form <u>David W. Springstead, P.E.</u>	


Note: All blanks for the numbered items must be filled or marked as not applicable.

DEP Form # 62-701.600(10)
Ap. for Per. to Construct/Operate a Solid Waste Mgmt. Fac. for Prod. of Compost
Form Title
Effective Date 12-23-96
DEP Application No.
(Filled in by DEP)

Certification by Applicant and Engineer or Public Officer

A. Applicant

The undersigned applicant or authorized representative of Sumter County Board of Co. Comm. is aware that statements made in this form and attached information are an application for a Solid Waste Mgmt Facility For Compost Permit from the Florida Department of Environmental Protection and certifies that the information in this application is true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department. It is understood that the Permit is not transferable, and, the Department will be notified prior to the sale or legal transfer of the permitted facility.



 Signature of Applicant or Agent
Garry Breeden, Director of Public Works
 Name and Title

Date: 9/11/01

Attach letter of authorization if agent is not a governmental official, owner, or corporate officer.

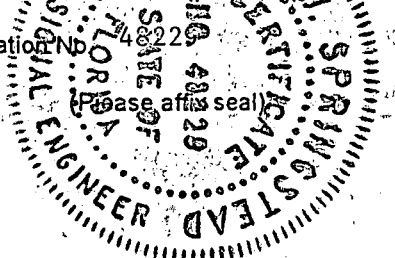
B. Professional Engineer Registered in Florida or Public Officer as Required in Section 403.707 and 403.7075, Florida Statutes

This is to certify that the engineering features of this solid waste management facility have been designed/examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated, will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions of proper maintenance and operation of the facility.


 Signature
David W. Springstead
 Name and Title (please type)

Florida Registration No. 48229

Please affix seal



727 S. 14th Street
 Mailing Address
Leesburg, Florida 34748
 City, State, Zip Code
 Telephone No. (352) 787-1414
 Date: _____

Construction Cost Estimate: _____

Permit Number: _____

Issue Date: _____

Review Date: _____

Expiration Date: _____

APPLICATION TO OPERATE SOLID WASTE MANAGEMENT FACILITY FOR THE PRODUCTION OF COMPOST

1.0 INTRODUCTION AND SCOPE

Purpose

This document has been prepared under the direction of the Sumter County Board of County Commissioners - Department of Public Works for the purpose of submitting an application to the Florida Department of Environmental Protection (FDEP) to permit the compost operation at the Sumter County Recycling, Processing and Composting Facility.

Site Location

The subject facility is located at 835 CR 529, Sumterville, Sumter County, Florida (Sections 15 and 22, Township 20 South, Range 22 East) which is south of County Road 470 and approximately 1 mile east of Interstate Highway 75. The general site location is shown on the Site Location Map presented in Figure 1.

Current Facility Status

General

The Sumter County Solid Waste Management Facility is the only public collection center for solid waste in the County. The site is centrally located in Sumterville to provide convenient access to all residents of the county. The facility is open six days a week (Monday through Saturday) between the hours of 7:00 AM and 4:00 PM. Operation and maintenance of the facility is provided by Sumter County. The facility director is Mr. Terry Hurst.

Existing Operations

The existing composting digester at the facility has the capacity for 150 tons of solid waste mixed with domestic waste biosolids at a moisture content of approximately 25 percent. The organic fraction of the material is loaded on the high end into the digester using a ram and is discharged from the low end. The material moves from the top end of the digester to the bottom end as the digester is unloaded and makes space in the digester as the need to reload is required by the incoming material volume.

The compost operational process at the facility generally consists of the organic fraction of the material in the waste stream coming into the digester portion of the materials recovery building and discharging into the digester loading ram-pit. As this material falls into the hopper, the ram cycles and loads the digester. Moisture is added to the material by a pumping system.

A 3,000 gallon mixing basin is located on the west side of the digester ram push-wall under roof. Leachate from the leachate collection system in the building, used water from the scrubber and water from the manhole which collects stormwater from the biofilter are piped into this basin. This water and any additional make-up water needed for moisture is pumped into the digester from the basin.

The primary nitrogen source for digester is dewatered biosolids. The biosolids are stored under roof in the digester loading area of the MRF building. The biosolids are added to the organic fraction of the solid waste stream in the ram-pit if dry enough or they are reconstituted in the mixing basin and pumped into the digester.

The time the material spends in the digester is based on the volume of material entering the facility. The temperature, moisture content and level of material in the digester is measured at least daily.

Prior to loading, the digester is unloaded by partially opening the doors at the low end. The composted material falls into a hopper and is conveyed into a screen which pulls out the non organic, compostable material.

After the compost is discharged from the digester, the compost is run through a screen and placed into windrows in the finishing building. The residuals from the screen are measured, loaded and hauled to an approved disposal facility. The temperature and moisture content in the windrows is manually monitored. The material is turned with a Scarab turning machine one time every two to three days, based on the temperature readings. After 20 days on the pad, the material is screened again and placed in a pile. The material is tested in accordance to FAC 62-709 to determine the classification and distribution restrictions.

The design of the facility is based on 100 tons of tipped material being processed through the MRF in a 7½ hour shift.

Based on past operational information from the facility, approximately 70% of the solid waste which enters the facility is eventually recycled. Of this 70%, approximately 10% of the incoming material is sorted and sold directly to recycling companies and approximately 60% is composted and sold. The remaining 30% is hauled to an approved FDEP facility for disposal.

This permit application is being submitted to FDEP to construct a second composting digester. This permit does not request construction of the digester appurtenances (conveyors, scrubbers, blower, ram feed, etc.) but only requests permission to construct the mechanical digester tube with foundations. The only operation that we request to be allowed in this permit is for the performance of an acceptance test. Portable conveyors will be used to load and unload the new digester during the acceptance test. After performing the acceptance testing, the digester tube will not be operated until a construction and operation permit which includes all of the appurtenance systems and a complete operational plan is received from the Department. The required permit information is presented in this report. The numbered information presented in the report corresponds to the question number designated in the permit application.

2.0 SPECIFIC ATTACHMENT ITEMS

1. FACILITY DESIGN

a. Zoning Map

A recently revised map of the area showing use and zoning within one (1) mile of facility is attached.

b. Site Plan

A site plan of the facility is presented in Figure __ and shows the following:

- (1) Dimensions of site;
- (2) Plan for receiving, processing, production curing and storage areas;
- (3) Fencing or other measures to restrict access.

c. Topographic maps

A topographic map prepared from a recent aerial photograph was prepared and is enclosed in the accompanying set of drawings. The topographic map shows the following:

- (1) One (1) foot contour intervals;
- (2) Access roads;
- (3) Grades required for proper drainage;
- (4) Special drainage devices;
- (5) Other pertinent information based on intended use of the facility.

d. Report

(1) Design capacity of the facility

The design capacity of the facility is one hundred (100) tons per day.

(2) Anticipated type and source of solid waste

Sumter County contracted with TIA Solid Waste Management Consultants to conduct a study of the composition of the county's municipal solid waste. The results of the study were submitted to the Sumter County Board of County Commissioners in a report titled **Sumter County Waste Composition Study - January 1991**

Table 3-5 of the above report identified the types and percentages of waste as follows:

1.	Newsprint	7.9
2.	Fine Paper	4.2
3.	Misc. Paper	9.0
4.	Corrugated	8.7
5.	Plastic Film	4.4
6.	Plastic (PET)	0.8
7.	Plastic (HDPE)	0.5
8.	Plastic (BOT)	1.4
9.	Plastic (Other)	3.8
10.	Textiles	1.5
11.	Yard Waste	13.8
12.	Food Waste	5.4
13.	Wood Lumber	0.5
14.	Glass	4.1
15.	Rubber	0.4

16.	Steel Cans	3.1
17.	Other Ferrous	0.5
18.	Non-Ferrous (Aluminum)	0.5
19.	OBW	0.0
20.	Construction	15.6
21.	Sweepings	0.0
22.	Other	14.0

Also, footnote 3 in Table 3-5 indicate the source of waste as follows:

1.	Residential	54%
2.	Commercial / Industrial	43%
3.	Institutional	3%

(3) Any additives to be used in the composting process

Domestic waste biosolids are used in the production of compost. Moisture control is provided by leachate from the MRF building lift-station, precipitation runoff into the biofilter, scrubber water and separately contained biosolids. Any make-up water needed to provide moisture control will come from the site water system.

2. FACILITY PERFORMANCE AND DESIGN STANDARDS

a. Support for Operation

(1) Material Type (soil, synthetic, other)

The existing MRF building floor is constructed of concrete. The existing composting digester is supported on individual spread footings. The proposed digester will also be supported on spread footing foundations. Roadways and parking drive areas are constructed of recycled asphaltic pavement (RAP) placed on a compacted subgrade.

(2) Adequate base support

The native soil materials beneath the proposed composting pad, screening building and roadways will provide an adequate base support.

b. Leachate control and removal system performance

As the entire proposed composting process is under roof, no generation of leachate other than from the material as it enters the facility is anticipated.

All leachate generated will be used for moisture control in the digester composting process. No excess leachate volume is anticipated.

c. Stormwater management system performance

(1) Prevention of surface water flowing into receiving, processing and curing areas

The ground around the base of the MRF building slopes away from the building to prevent stormwater runoff from entering the building. The digester is an elevated steel tube which does not allow any surface water contact with the material being processed.

(2) Stormwater run-off control; retention, detention ponds

No stormwater run-off will be generated due to the construction of the digester. The site stormwater management system has been permitted by the Southwest Florida Water Management District (SWFWMD Permit No. 442092.05) .

(3) Equivalency to design standards

The stormwater management system for the facility meets the requirements of SWFWMD.

(4) Design to minimize ponding of solid waste, composting material and finished product

The surface of the processing areas are sloped such that any water on the floor of the building will drain to the catch basin and flow to the lift station.

(5) Water management district approval

An Environmental Resources Permit has been obtained for the improvements from the SWFWMD.

3. **OPERATIONAL FEATURES AND APPURTENANCES**

a. **Effective barrier**

The entire solid waste complex is surrounded by fencing, with entry being controlled by locking gates.

b. **All weather access road**

Roads that provide access between public roads or highways and the Sumter County Landfill are maintained so as to be passable in ordinary inclement weather. The west access road between CR 470 and the proposed buildings is paved with asphaltic concrete. The east access road between CR 470 and the proposed buildings is paved with RAP.

c. **Signs indicating name of operating authority, traffic flow, hours of operation, contact in cases of emergencies and charges (if any)**

A sign indicating the name of the facility and operator is located on CR 470. Numerous instructional signs pertaining to traffic flow are erected at the facility. Signs specifying rates and acceptable wastes are visible to patrons approaching the scales. Signs are posted directing traffic back to the scales after depositing waste and out of the facility. Signs are posted indicating the hours of daily operation, indicating that the facility is closed on Sundays, that solid waste transported from outside Sumter County is not permitted and that Hazardous materials are not accepted.

d. **Scales**

State approved weigh scales are provided at the entrance to the solid waste complex. Measurement of all material received at the facility provides data for planning, forecasting and a basis for establishment of fees.

e. **Dust control method**

As the material is at a moisture content of approximately 50%, dust control measures are not anticipated to be needed.

f. **Litter control devices**

Litter will be controlled by cleaning the processing building at the end of the day. Fences around the perimeter of the building will prevent litter from blowing out. Litter is picked-up around the facility daily.

g. Fire protection and control provisions

Suitable measures will be taken to prevent and control fires. A well for potable and fire supply has been permitted through SWFWMD and constructed. Suitable fire extinguishers, maintained in working order, are located at several locations around the facility. The Lake Panasoffkee Fire Department is located approximately three (3) miles from the site.

h. Odor control devices, methods or practices

Odor control will be provided by the use of a scrubber and a biofilter which collects the air from the in-feed area of the conveyor. The body of the digester is not open to the atmosphere.

4. ADDITIONAL OPERATIONAL CRITERIA

a. Attendant

An attendant is on duty during all operating hours at the scale house. The facility director is also on duty at the facility during all hours of operation. Tipping floor personnel are on duty during operating hours to help with unloading operations and inspect the solid waste stream.

b. Communication devices

Communication is provided at the facility by two-way radios, cell phones and direct voice communication. A telephone and fax machine are located at the office.

5. OPERATIONS PLAN

a. Designation of responsible persons

Mr. Garry Breeden - Director of Public Works
Sumter County Director of Public Works
319 E. Anderson Avenue
Bushnell, Florida 33513
Phone (352) 793-0240
Fax (352) 793-0247

Terry Hurst - Facility Director
Sumter County Composting, Processing and Recycling Facility
835 CR 529
Sumterville, Florida 33585
(352) 793-3368
(352) 568-0166

b. Proposed equipment

The proposed equipment consists of a 14-foot diameter open tube digester about 185 feet in length. The digester will be located directly adjacent to the existing digester and will use the existing conveyor system to provide feedstock. Plans for the digester, provided by the contractor are attached.

c. Contingency operations

The operation contingency for the composting process is to load and haul the non-recyclable portion of the tipped material to an FDEP permitted disposal facility.

d. Controlling the type of waste received at the site

Incoming solid waste is inspected at four check points as follows:

1. The attendant at the scale house looks at all incoming waste loads. The scale house attendant takes the following actions in the event that non-acceptable waste is identified:
 - a. Tells the person hauling the waste that the waste is not acceptable and cannot be disposed of at this facility;
 - b. Insures that the non-acceptable waste leaves the facility with the hauler.
2. Tipping floor personnel are notified by the scale house attendant of the presence of non-acceptable waste. The notified personnel will observe the dumping of the load and insure that the non-acceptable waste is not tipped. Tipping floor personnel will insure that the non-acceptable waste is on the vehicle when it leaves the tipping floor and insure that the vehicle proceeds directly to the scale house.

3. The scale house attendant will insure that the non-acceptable waste is on the vehicle when it leaves the site.
 4. The attendant responsible for inspecting solid waste as it is placed on the processing conveyor belt will visually inspect for non-acceptable waste. If the source of the non-acceptable waste can be identified, responsible parties will be notified and required to remove the non-acceptable waste from the facility. If the source of the non-acceptable waste cannot be identified, it will be separated from the normal material stream. Sumter County will contract with a commercial enterprise to provide pickup and removal of any non-acceptable waste within 72 hours or transport the material to a disposal facility which is permitted for acceptance of the non-acceptable waste.
- e. **Weighing incoming waste**
Provisions exist for weighing the solid waste delivered to the facility for processing. State certified scales are located at the scalehouse. The only materials which are not weighed when entering the site are clean recyclables which can be dropped off prior to weighing. Measurement of all material received at the facility provides data for planning, forecasting and a basis for establishment of fees.
- f. **Vehicle traffic control and unloading**
Signs direct commercial and non-commercial patrons to the proper entrances to the facility. Signs are posted directing commercial haulers to the commercial tipping floor and individuals to the area of the tipping floor for private patrons. Signs are also posted directing haulers of construction debris, white goods and tree stumps to the proper off-loading location. Assistance is provided for unloading as part of the ongoing inspection of the material being introduced to the facility.
- g. **Method and sequence of processing waste**
The process at the facility consists of dropping off clean recyclables prior to crossing the scale, weighing, and proceeding to the materials recovery

facility tipping floor (commercial separated from individual). Material tipped in the building is observed for non-acceptable material. The large and bulky items are removed. The material is then pushed into on to a belt conveyor. The material passes by sorting stations where corrugated cardboard and other bulky items are removed. The material then passes through a bag breaker where plastic garbage bags are torn open and the material passes to another conveyor. The material passes by sorting station pickers who remove the film plastic and then passes under a belt magnet which removes ferrous objects. The material then passes over a disc-screen where material less than 2-inches in size passes through to a lower conveyor leading to the end of the sorting line. The material passing over the disc-screen proceeds to a conveyor where sorting station pickers remove recyclables. At the end of the sorting conveyor, all of the material passes over magnetic head-pulleys to remove any remaining ferrous. The material from the upper (sorting) conveyor and lower conveyor is combined and then passed through an eddy-current separator to remove aluminum. The remaining material passes to a conveyor which leads to the proposed digester ram-pit to load the digester. Moisture will be added to the material as it is placed in the digester to achieve optimum decomposition. After the compost is discharged from the digester, the compost will be placed into windrows in the finish building, which is the Phase III portion of the recovery/composting facility. The material will be further composted until it is mature. The compost is screened to remove foreign matter. The compost is then placed in piles, tested, typed and sold. The foreign matter is disposed of at an FDEP approved disposal facility.

Recovered materials from the sorting lines are baled and stored in the old materials recovery building on the asphalt pad east of the old materials recovery building until sold.

h. Operations of leachate and stormwater controls

No leachate is generated during the digester composting process. Any leachate generated in the materials recovery building will be added to the digester as compost moisture control.

i. **Designation of backup disposal site(s)**

Backup disposal sites include, but are not limited to, the Lake County Incinerator, located 12 miles east of the site in Okahumpka, Florida.

6. **WATER QUALITY STANDARDS**

Surface stormwater runoff will be directed to stormwater retention ponds which will provide treatment as required by the SWFWMD permit. As the entire proposed process is under roof, no generation of leachate other than from the material is anticipated. All leachate generated will be used in the digester composting process. No excess leachate volume is anticipated.

7. **COMPOST FACILITY DATA FORM**

Completed Facility Data Form is page 4 of 5 of the application for permit.

8. **CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICIAL**

Certifications by Applicant and Engineer or Public Officer is page 5 of 5 of the application for permit.

Photo made 1/31/02

Time _____

Location Sumter COMP

Photo Taken By SIS





Is your RETURN ADDRESS completed on the reverse side?

Mod # 126940-009-SC. to EXISTING

SENDER: Permit 126940-008-SE

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

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

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

Consult postmaster for fee.

3. Article Addressed to:

Sumter County
Public Works Dept.
Mr. Harry Breeden, Dir.
319 E. Anderson Ave.
Bushnell, FL 33513

4a. Article Number

7000 0520 001663367682

4b. Service Type

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

7. Date of Delivery

7/2/02

5. Received By: (Print Name)

Chavennayh

6. Signature: (Addressee or Agent)

X

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

UNITED STATES POSTAL SERVICE



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

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

State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-6318

RECEIVED
JUL 05 2002
Department of Environmental Protection
SOUTHWEST DISTRICT

Susan Pilz - Solid Waste



SOUTHWEST DISTRICT
FDEP

Solid Waste Program
Permitting Application

New Site

Site Name:
Site Address:
County:
Type/Subcode:

Existing Site

Site ID:	126940-008
Project Name:	Sinker Co. Digester #2
Type/Subcode:	SC 13
Fee Submitted:	\$100 <input checked="" type="checkbox"/> correct () incorrect small co waiver
Fee Refund \$	_____ Fee Request \$ _____

Related Party

Role:	Applicant
Name:	Barry Breeden
Company:	
Street:	
City:	ON file
Zip Code:	
Phone:	

Distribution Date: _____

Fee Checked By: PELZ

Date: 9/26/01



**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

D.E.P.
SEP 24 2001
Southwest District Tampa

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

Date: September 20, 2001

Job No.: 921100.015

Attention: Ms. Susan Pelz, P.E.

RE: Solid Waste Management Facility

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
6			Application for Permit to Construct a New Solid Waste Digester Sumter County Recycling, Processing and Composting Facility (signed & sealed)
6			Sets of Plans (Signed & Sealed)
1			Check in the amount of \$100.00 along with fee letter
1			letter of authorization for Garry Breeden to sign

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

SIGNED: _____
David W. Springstead, P.E.

D.E.P.
SEP 24 2001
Southwest District Tampa

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOLID WASTE MANAGEMENT FACILITY
APPLICATION FOR PERMIT TO CONSTRUCT A
NEW SOLID WASTE DIGESTER
SUMTER COUNTY RECYCLING, PROCESSING AND
COMPOSTING FACILITY

PREPARED FOR:



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

September 12, 2001

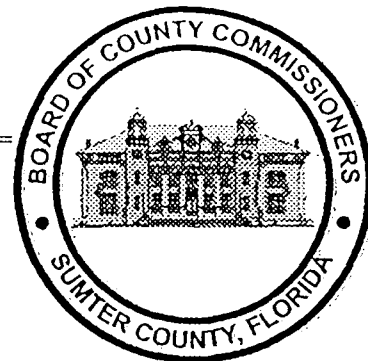
SEI File No. 921100.015
9810039.002

(see Band Agreement)

Board of County Commissioners

Sumter County, Florida

209 North Florida Street • Bushnell, FL 33513 • Phone (352) 793-0200 • FAX: (352) 793-0207 • SunCom: 665-0200
http://bocc.co.sumter.fl.us



September 20, 2001

Southwest Florida Water Management District
2379 Broad Street
Brooksville, FL 34609-6899

Re: Sumter County Solid Waste Management Facility
SEI File No. 921100.015

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
COUNTY ADMINISTRATOR

BD:th

Enclosure

Benny G. Strickland, Chairman
Dist 1 (352) 748-5015 or 748-2060
P.O. Box 207
Wildwood, FL 34785

Joey A. Chandler, Dist 2
(352) 793-1633
P.O. Box 530
Lake Panasoffkee, FL 33538

Billy "Tiny" Rutter, Vice Chairman
Dist 3, (352) 748-4220
P.O. Box 37
Coleman, FL 33521-0037

James "Jim" Roberts, Dist 4
(352) 793-4776
209 North Florida Street
Bushnell, FL 33513

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

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

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

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

SUMTER COUNTY RESOLUTION

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

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

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

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

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

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

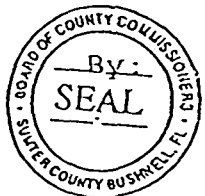
2. County Administrator Bernard Dew is hereby authorized to formally apply for waivers and exemptions from such permit processing fees.

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

and such other appropriate authorities and agencies as needed.

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

ATTEST: SARA H. MASON
Clerk of Circuit Court



Jan Kirkpatrick
Deputy Clerk

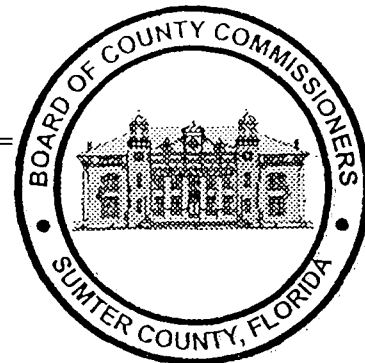
BOARD OF COUNTY COMMISSIONERS
OF SUMTER COUNTY, FLORIDA

Jim Allen
Jim Allen - Chair

Board of County Commissioners

Sumter County, Florida

209 North Florida Street • Bushnell, FL 33513 • Phone (352) 793-0200 • FAX: (352) 793-0207 • SunCom: 665-0200
<http://bocc.co.sumter.fl.us>



September 20, 2001

Southwest Florida Water Management District
2379 Broad Street
Brooksville, Florida 34609-6899

Re: Sumter County Solid Waste Management Facility
SEI File No. 921100.015

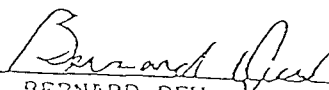
Dear Sir:

The Board of Sumter County Commissioners took action at their meeting of October 18, 1994, to authorize Mr. Garry Breeden, Director of Public Works to execute permit application as their authorized agent. A copy of the minutes of the Board Meeting are attached for your reference.

If you have any questions or need additional information regarding this matter, please do not hesitate to contact me.

Very truly yours,

OFFICE OF COUNTY ADMINISTRATOR

BY 
BERNARD DEW
COUNTY ADMINISTRATOR

BD:th

Enclosures

Benny G. Strickland, Chairman
Dist 1 (352) 748-5015 or 748-2060
P.O. Box 207
Wildwood, FL 34785

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(352) 793-1633
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Lake Panasoffkee, FL 33538

WATER CONTROL - ROADS, COUNTY

Garry Breeden, Director of Public Works, reported on the meeting with SWFWMD and residents of the Kal River Area, Croom. After discussion, Chairman Allen requested that Attorney Thornton look into the legalities of using gas tax money to provide assistance with design & application for exemption from SWFWMD.

COUNTY PROPERTY - ACCOUNTS ALLOWED - BIDS & PROPOSALS

Mr. Stephens moved to authorize payment of the following in connection with the renovation of the Sumter County Government Office Building, Wildwood:

1. Tom Barrow Company	\$2,620.84
2. Carrier of Florida	36,034.00
3. P.O. #17275, Primer, Coating	4,246.75
4. P.O. #17275, Carpet	25,548.20
5. Graybar Electric Co.	2,980.00
6. Carrier of Florida	4,438.00

The motion was seconded by Mr. Rutter and carried.

FEES - COUNTY PROPERTY - AGENCIES, STATE

Mr. Rutter moved to approve payment in the amount of \$100.00 to the Department of Environmental Protection for permit fees for the waste water collection system, Sumter County Government Office Building, Wildwood. The motion was seconded by Mr. Stephens and carried.

AGENCIES, STATE

Mr. Gideons moved to authorize a letter to the Department of Environmental Regulation advising that Garry Breeden, Director of Public Works, is authorized to execute permit requests. The motion was seconded by Mr. Stephens and carried.

CONTRACTS & AGREEMENTS - COUNTY PROPERTY - BIDS & PROPOSALS

Mr. Gideons moved to authorize the Chairman to execute an agreement with Pieco, Inc., for the construction of the public works vehicle fueling facility. The motion was seconded by Mr. Stephens and carried. (INSERT).