



**APPLICATIONS FOR
PERMIT TO OPERATE COMPOSTING FACILITY
PERMIT TO OPERATE RESOURCE RECOVERY FACILITY
WASTE TIRE GENERAL PERMIT
AND
PERMIT TO MAINTAIN CLOSED CLASS I SANITARY LANDFILL
PREPARED FOR**



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDICES

MARCH 30, 1992

92-1100.00

Springstead Engineering, Inc.

Consulting Engineers — Planners — Surveyors
727 South 14th Street
Leesburg, Florida 34748
Lake (904) 787-1414
Sumter (904) 793-3639 Fax (904) 787-7221

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Engineering, inc.**

LEESBURG, FLORIDA

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Fax (904) 787-7221

March 30, 1992

Mr. Kim Ford, P.E.
Florida Department of Environmental Regulation
Southwest District
4520 Oak Fair Boulevard
Tampa, Florida 33610-7347

**RE: Applications for
Permit to Operate Composting Facility
Permit to Construct Leachate Treatment Facility
Permit to Operate Resource Recovery Facility
Waste Tire General Permit and
Permit to Maintain Closed Class I Sanitary Landfill
92-1100.00**

Dear Mr. Ford:

This bound volume contains the appendices for the above reference applications. The applications may be found in a separate bound volume.

Should you have any questions, please contact our office.

SPRINGSTEAD ENGINEERING, INC.

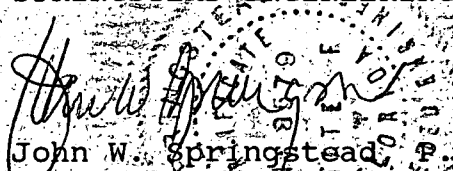

John W. Springstead, P.E.
Florida Registration No. 8579
JWS:jad
Encl.

TABLE OF CONTENTS

Appendix A	Land Use Map
Appendix B	Site Plan
Appendix C	Aerial Photograph with Topography
Appendix D	B.D. Compost Starter
Appendix E	SWFWMD - MSW Permits
Appendix F	Photographs
Appendix G	Solid Waste Operational Guidelines
Appendix H	Boring Logs at Resource Recovery Building
Appendix I	Map VII-19 Sumter County Comp Plan
Appendix J	Letter - Groundwater Monitoring Plan
Appendix K	Gas Migration Investigation
Appendix L	Letter to Fire Department

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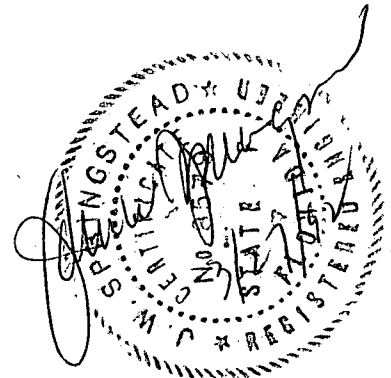


**Springstead
Engineering, inc.**

LEESBURG, FLORIDA

MARCH 30, 1992

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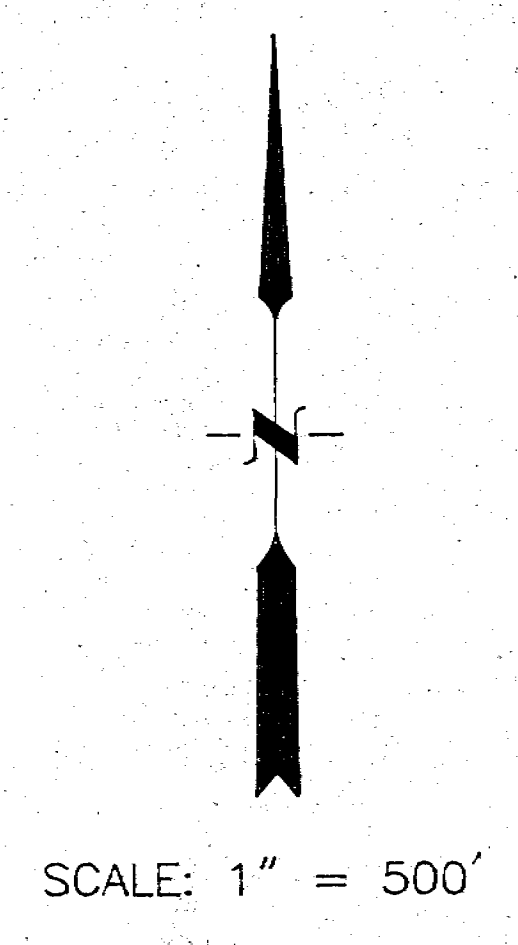
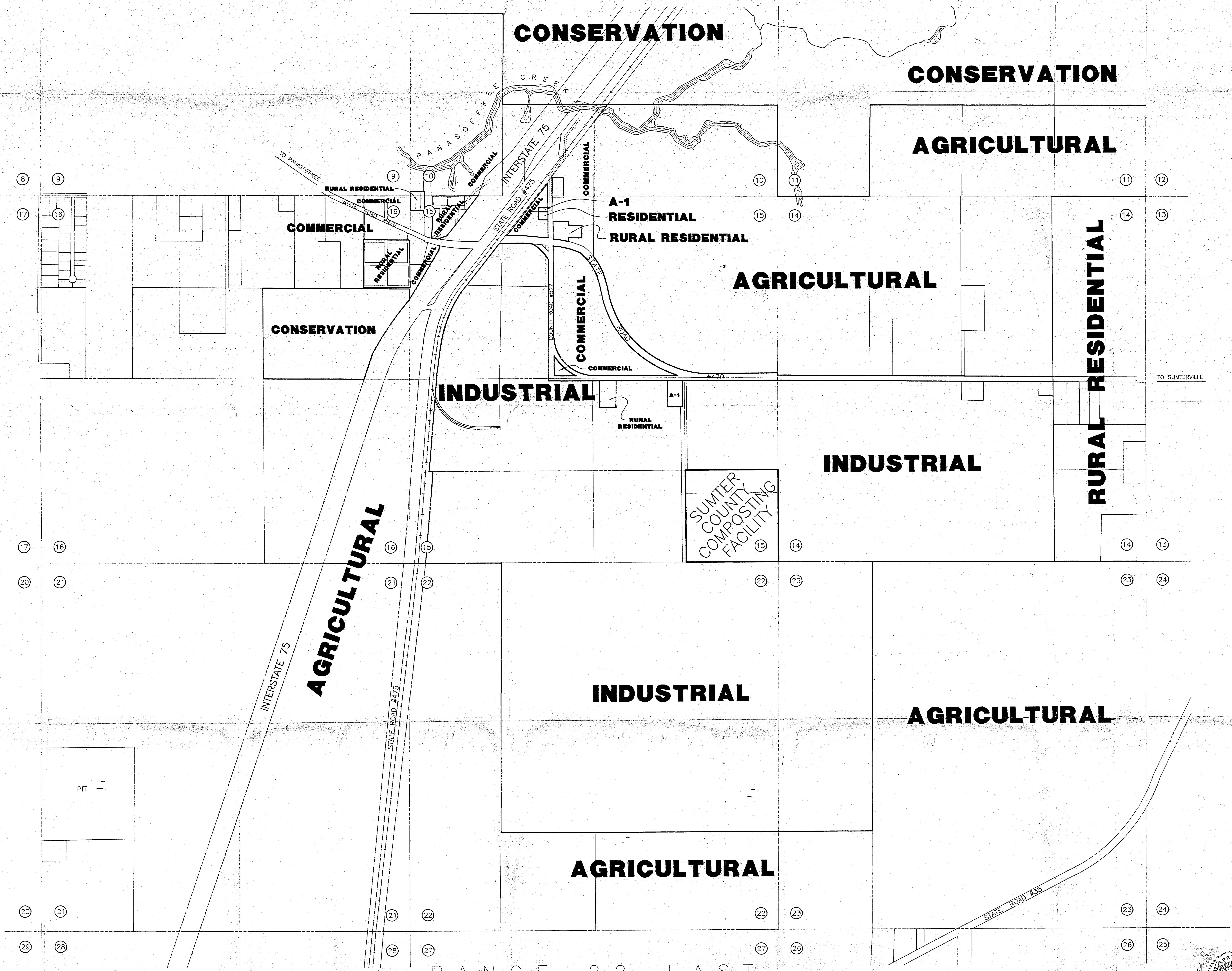


**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX A
LAND USE MAP**

MARCH 30, 1992

92-1100.00



LEGEND:
— = ZONING DIVIDE
⊗ = SECTION NUMBER

REV. BY:		DESCRIPTION:		DATE:		DRAWN:	
Springstead Engineering, Inc.		ZONING MAP FOR SUMTER COUNTY COMPOSTING FACILITY SUMTER COUNTY, FL		DATE: 03/17/92		JOB NO.: 921100.00	
Consulting Engineers		Planners		Surveyors		SHEET: 1 OF: 1	
DATE: 03/17/92		SCALE: 1" = 500'		FILE: ZONING		JOB NO.: 921100.00	
DESIGN: N/A		DRAWN: R.L.F.		CHECKED: R.W.W.		SHEET: 1 OF: 1	

Springstead Engineering, Inc. logo and seal.

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**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX B
SITE PLAN**

MARCH 30, 1992

92-1100.00

**APPLICATIONS FOR
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DEPARTMENT OF PUBLIC WORKS
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**APPENDIX C
AERIAL PHOTOGRAPH WITH TOPOGRAPHY**






MARCH 30, 1992

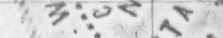
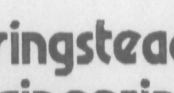
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Scale: 1"=100'

Legend:

-  = Asphalt Pavement
-  = Flow Direction
-  = Fence
-  = spot Elevation
-  = Contour

REV. BY:	DESCRIPTION:	DATE:									
<p>Springstead Engineering, Inc.</p> 	<p align="center">SITE PLAN FOR SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY</p>										
<p>Consulting Engineers Planners Surveyors</p>	<table border="1"> <tr> <td data-bbox="2648 1802 2717 1815">DATE: 03/27/92</td> <td data-bbox="2717 1802 2813 1815">SCALE: 1" = 100'</td> <td data-bbox="2813 1802 2876 1815">FILE:</td> <td data-bbox="2876 1802 2906 1815">JOB NO.: 921100</td> </tr> <tr> <td data-bbox="2648 1815 2717 1827">DESIGN: RWW</td> <td data-bbox="2717 1815 2813 1827">DRAWN: R.L.F.</td> <td data-bbox="2813 1815 2876 1827">CHECKED: JWS</td> <td data-bbox="2876 1815 2906 1827">SHEET: / OF:</td> </tr> </table>			DATE: 03/27/92	SCALE: 1" = 100'	FILE:	JOB NO.: 921100	DESIGN: RWW	DRAWN: R.L.F.	CHECKED: JWS	SHEET: / OF:
DATE: 03/27/92	SCALE: 1" = 100'	FILE:	JOB NO.: 921100								
DESIGN: RWW	DRAWN: R.L.F.	CHECKED: JWS	SHEET: / OF:								

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**APPENDIX D
B. D. COMPOST STARTER**

MARCH 30, 1992

92-1100.00

THE PFEIFFER FOUNDATION, INC.

LABORATORY DIVISION

THREEFOLD FARM

SPRING VALLEY, N. Y. 10977

(914) 356-6522

Jan. 10th, 1987

Mr. Walter C. Grey
Geophile International
P.O. Box 1025
Siloam Springs, AR 72761

Dear Walter:

Happy New Year to you and thanks for your letter of January 2nd.

Needless to say we too are disappointed that the municipal composting project has not developed as quickly as you anticipated. We still have our fingers crossed.

To answer your questions.

a) The nature of the bacteria/ enzyme product and b) the environmental and health effects of its use.

We have enclosed a laboratory report and a statement by Dr. Pfeiffer concerning the **B.D. Compost Starter**. There are no pathogens in the **B.D. Compost Starter** and the product is considered innocuous. Consequently there is no detrimental health problems with its use. Some people have eaten the **B.D. Compost Starter** to prove it is safe... We, however, don't recommend doing that.

c) Guidelines concerning composting of mixed municipal wastes: Your former associate in Silcam Springs should have a good idea as to official regulations since he was composting solid waste and in several states. I have a feeling that these will be local regs.... if any. Milwaukee, WI composts their solid wastes and markets it as Milorganite.... This is exactly what you're trying to do. Maybe contacting them will be of help. BioCycle, a magazine devoted to composting, has reported on several solid waste composting projects with sludge. They also would be a good resource for information on regulations. Contact them through Organic Gardening in Emmaus, PA.

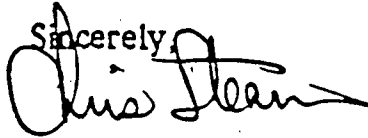
I think assurances on your part in getting the compost formulated properly so it will heat up and thus provide good thermal kill of pathogens and laboratory checking for pathogens should satisfy local agencies as to the lack of potential health hazards. I think Milwaukee program should be the most informative and helpful in your case.

d). This last question I will leave to Margrit to insert in the envelope info about Dr. Pfeiffer.

Mr. Walter C. Grey
January 10th, 1987
Page 2.

I hope this has answered your questions or at least has given you leads to get the answers you need.

Please keep us informed as to your progress. We certainly hope that things will work out for you in the very near future.

Sincerely,

Chris Stearn

THE PFEIFFER FOUNDATION, INC.

LABORATORY DIVISION

THREEFOLD FARM

SPRING VALLEY, N. Y. 10977

(914) 356-6522

The B.D. COMPOST STARTER (Dr. E.E. Pfeiffer's Formula) is available for practical use. It has proved its value in the hands of thousands of users over many years. The B.D. COMPOST STARTER is a concentrated mixture of several cultivated strains of beneficial soil bacteria, enzymes and plant growth promoting factors. These bacteria have been isolated from the most fertile humus soils. Under the proper conditions of moisture, aeration and organic matter (see instructions) the B.D.COMPOST STARTER will :

1. Quickly decompose raw organic matter and wastes by breaking them down into simpler compounds.
2. Re-assemble these simple compounds into complex lasting substances known as Humus.
3. Fix nitrogen from the air and otherwise and make it available.
4. Increase the availability of minerals in the soil and transform unavailable minerals into their available form.
5. Hold the soil and improve its structure.
6. Prevent leaching and washing away.

Humus is the result of the breakdown and transformation of raw organic matter and wastes by the proper combination of soil bacteria. HEPL NATURE TO PRODUCE HUMUS. The benefits of compost made humus include:

- Improvement of the soil structure.
- The soil is easier to prepare and cultivate.
- Water is more readily absorbed and penetrates deeper.
- Soil drainage is improved.
- Root growth is stimulated.
- Absorption of nutrients is facilitated.
- Nutrients in compost are preserved and made available.
- Soil microlife is fostered and maintained.
- Nitrogen release is steady and without losses.

HOW TO USE THE B.D.COMPOST STARTER ?

Special instructions are available based on many years of experience.

We have instructions on:

- Small compost pile for home and garden.
- Manure piles for farms.
- Treatment of manure in the dairy barn.
- Treatment of manure in the loafing barn and pen stable.
- Treatment of muck and peat.
- Treatment of poultry manure.
- Treatment of water hyacinths.
- Treatment of sawdust.
- Treatment of industrial wastes (coffee, tea, cocoa, bagasse, cachaza, etc.)
- Treatment of night soil, for conditions in the Far East only.
- Industrial application for the processing of city waste and garbage.

HOW MUCH B.D.COMPOST STARTER SHALL I USE?

The answer to this question is simple. For all materials to be composted measure: 1 unit per each ton or 1 1/2 cubic yard of raw materials.

You order in units giving us the weight or volume of materials you want to process. 1 unit weighs about 1 ounce, net.

In cases where only the surface is known such as in loafing barns, on sludge drying beds or using the field spray, the unit is figured in proportion to surface and depth. Please consult with us.

WHAT IS THE B.D.FIELD SPRAY?

The field spray contains organisms and enzymes similar to the B.D. Compost Starter. It is sprayed directly on the land in order to break down green manure, sods, stubble, trash. It is used immediately prior to plowing or disking under. It aids in the fast decomposition of these materials. It prevents the tying down of the much needed nitrogen. Its unit is calculated per acre. Special instructions for the use of the Field Spray upon request.

HOW LONG DOES THE B.D. COMPOST STARTER KEEP?

If the package is undamaged, kept cool and not exposed too long to direct sunlight, it will keep six to eight months. The starter should be protected against excessive air moisture and should not dry out. Therefore you can order now and use later.

The B.D. COMPOST STARTER is not harmful to any plant, animal or human living tissue. It will only decompose materials separated from living organisms. Dogs love to eat it and thrive on it. That shows how harmless it is.

DOES THE B.D. COMPOST STARTER WORK AT WINTER TIME?

Cold and freezing temperatures will somewhat slow down but not prohibit its action. Compost piles in the initial phase of fermentation will heat up and continue to ferment even in winter time. Frost will not penetrate below the surface layer on larger compost piles during the fermentation.

The B.D. Compost Starter is for all-year-round use helping and speeding nature's work.

If you have any problems not covered by our instructions do not hesitate to write. We shall be glad to take care of them. A special soil service for testing soils is at your disposal. Please inquire.

TO ACTIVATE FOR USE:

Moisten the measured amount you need for the next day with tepid water, mix well and let stand in a warm place for 12 to 24 hours. Then dilute with water to the required amount for spraying. The amount of water depends on the delivery rate of your sprayer, not the units of compost starter.

Spray while building the pile or mixing the materials. Do not activate more than is to be used the next day. Moistened starter will keep unchanged only a few days.

If chlorinated water is to be used let it stand, preferably in sunlight, for a few hours prior to use. Follow instructions for building the compost pile or the use of the field spray.

The starter was screened through a No. 35 screen.

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PREPARED FOR**



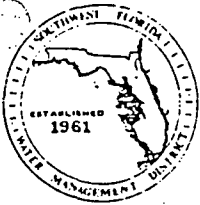
**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX E
S.W.F.W.M.D. - M.S.W. PERMITS**

MARCH 30, 1992

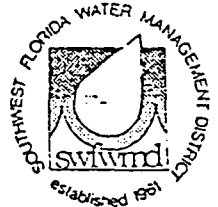
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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT



2379 BROAD STREET, BROOKSVILLE, FLORIDA 33512-9712
PHONE (904) 796-7211 SUNCOM 628-0111

MICHAEL ZAGORAC, JR., *Chairman, Belleair* Wm. O. STUBBS, JR., *Vice Chairman, Dade City*
MARY A. KUMPE, *Secretary, Sarasota* WALTER H. HARKALA, *Treasurer, Plant City*
HORACE F. HERNDON, *Lake Wales* ROY G. HARRELL, JR., *St. Petersburg*
ROBERT T. BRAMSON, *M.D., Tampa* WILLIAM H. WILCOX, *Ph.D., Port Charlotte*



GARY W. KUHL, *Executive Director* DANIEL P. FERNANDEZ, *General Counsel*
WILLIAM K. HENNESSEY, *Deputy Executive Director* PETER G. HUBBELL, *Deputy Executive Director*

MANAGEMENT OF SURFACE WATER PERMIT

Permittee: Mr. Garry Breeden
Sumter Co. Dept. of Public Works
222 E. McCollum Avenue
Bushnell, FL 33513

Permit No. 402092
Date Issued: July 24, 1987
Expiration Date July 24, 1990
County: Sumter

Project: Sumter Co. Landfill Volume Reduction Plant
Sec/Town/Rge: 15/20S/22E

This permit is issued under the provisions of Chapter 373, Florida Statutes, and Florida Administrative Code Rule(s) 40D-4, 40D-40. 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 District and made a part hereof and specifically described as follows:

Construction of a Surface Water Management System serving a 6.2 acre project area encompassing a volume reduction plant within the Sumter County Landfill near Sumterville, FL.

Permittee: Mr. Garry Breeden
Permit No.: 402092

CONDITIONS

1. The permittee shall perform the construction authorized in a manner so as to minimize any adverse impact of the system on fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during the construction period, including full compaction of any fill material placed around newly installed structures, to reduce erosion, turbidity, nutrient loading and sedimentation in the receiving waters.
2. Water quality data for the water discharged from the permittee's property or into surface waters of the state shall be submitted to the District as required. Parameters to be monitored may include those listed in Chapter 17-3. Analyses shall be performed according to procedures outlined in the current edition of Standard Methods for the Examination of Water and Wastewater by American Public Health Association or Methods for Chemical analyses of Water and Wastes by the U.S. Environmental Protection Agency. If water quality data are required, the permittee shall provide data as required on volumes of water discharged, including total volume discharged during the days of sampling and total monthly discharges from the property or into surface waters of the state.
3. The permittee shall comply with all applicable local subdivision regulations and other local requirements. In addition the permittee shall obtain all necessary Federal, State, local and special district authorizations prior to the start of any construction or alteration of works authorized by this permit.
4. The operation phase of this permit shall not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the sign approved by the District. Within 30 days after completion of construction of the surface water management system, the permittee shall submit the certification and notify the District that the facilities are complete. Upon completion of the surface water management system, the permittee shall request transfer of the permit to the responsible entity approved by the District. The District may inspect the system and require remedial measures as a condition of transfer of the permit.
5. All roads shall be set at or above elevations required by the applicable local government flood criteria.
6. All building floors shall be set at or above elevations acceptable to the applicable local government.
7. Off-site discharges during construction and development shall be made only through the facilities authorized by this permit. Water discharged from the project shall be through structures having a mechanism suitable for regulating upstream stages. Stages may be subject to operating schedules satisfactory to the District.
8. No construction authorized herein shall commence until a responsible entity acceptable to the District has been established and has agreed to operate and maintain the system. The entity must be provided with sufficient ownership so that it has control over all water management facilities authorized herein. Upon receipt of written evidence of the satisfaction of this condition, the District will issue an authorization to commence construction.
9. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and Chapter 40D-4.

Permittee: Mr. Garry Breeden
Permit No.: 402092

J. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance or use of any facility authorized by the permit.

11. This permit is issued based on the applicant's submitted information which reasonably demonstrates the adverse off-site water resource related impacts will not be caused by the completed permit activity. It is also the responsibility of the permittee to insure that adverse off-site water resource related impacts do not occur during construction.

12. Prior to dewatering, plans shall be submitted to the District for approval. Information shall include as a minimum; pump sizes, locations and hours of operation for each pump. If off-site discharge is proposed, or off-site adverse impacts are evident, an individual water use permit may be required. The permittee is cautioned that several months may be required for consideration of the water use permit application.

SPECIAL CONDITIONS

1. This permit is required to be kept at the work site of the permitted activity during the entire period of construction.

2. Except as authorized by this Permit, any further land development, wetlands disturbance or other construction within the total land area of this site will require additional permitting in accordance with Chapters 40D-4 and 17-25, F.A.C.

3. The permittee shall assure that erosion and sediment control measures required by Rule 17-25.025(7) shall be effectively implemented continuously from beginning of project construction until completion. Project detention/retention ponds and discharge control structures which are to be constructed as part of the project should be initially built and maintained continuously during project construction to avoid adverse impact to receiving waters or off site.

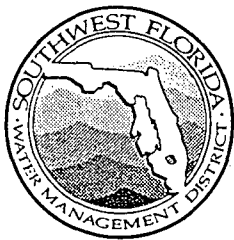
4. Any existing wells in path of construction shall be properly plugged and abandoned by a licensed water well contractor in accordance with Chapter 40D-3 and Rule 17-21.10(4), F.A.C.

5. By issuance of this permit the District, its employees and representatives assume no responsibility and/or liability in regard to either the design, construction or performance of the permitted facilities.

Permittee: Mr. Garry Breeden
Permit No.: 402092

Issued this 24 day of July, 19 87
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

AUTHORIZED SIGNATURE



Southwest Florida Water Management District

2379 Broad Street (U.S. 41 South) Brooksville, Florida 34609-6899
Phone (904) 796-7211 or 1-800-423-1476 SUNCOM 628-4150

November 6, 1990

FILED

NOV 9 1990

Charles A. Black
Chairman, Crystal River
Roy G. Harrell, Jr.
Vice Chairman, St. Petersburg
Anne Bishopric Sager
Secretary, Venice
Joseph S. Casper
Treasurer, Tampa
Mary Ann Hogan
Brooksville
Samuel D. Updike
Lake Wales
Gordon D. Hartman
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Andrew J. Lubrano
Tampa
Abby Misemer
New Port Richey
Sally Thompson
Tampa

Peter G. Hubbell
Executive Director
Mark D. Farrell
Assistant Executive Director
Kent A. Zaiser
General Counsel

Sumter County Board of County Commissioners
William C. Wing, Chairman
209 North Florida Street
Bushnell, Florida 33513

IN THE OFFICE OF
BOARD COUNTY COMMISSIONERS
SUMTER COUNTY
BUSHNELL, FLORIDA

Subject: GENERAL PERMIT TRANSMITTAL LETTER - FINAL AGENCY ACTION
File No.: 402092.02
Project Name: Sumter County Landfill

Dear Chairman Wing:

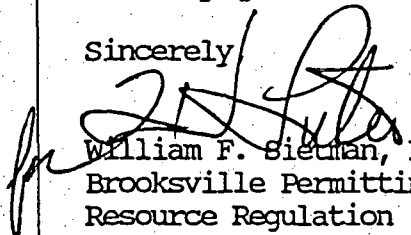
Your Permit has been approved contingent on no objections being received within 14 days after receipt of this notice of Final Agency Action. Your acceptance of the permit constitutes notice and your agreement that the District may periodically review this Permit, including making site inspections.

The enclosed approved construction plans are part of your permit, and construction must be in accordance with those plans.

Please be advised that any person who is substantially affected by the District's Final Agency Action concerning a Permit may challenge this Permit by requesting an Administrative Hearing in accordance with Section 120.57, Florida Statutes (F.S.), and Part V of Chapter 40D-1, Florida Administrative Code (F.A.C.). A request for hearing must be filed with (received by) the Agency Clerk of the District at the address above within 14 days after the date of receipt of this notice of Final Agency Action. When actual receipt of notice cannot be determined, receipt is deemed to be the fifth day after the date on which this notice is deposited in the United States mail. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, F.S.

Your participation in the regulation process will help protect and conserve our water resource. You may contact this office if you have any questions or concerns about your Permit.

Sincerely,


William F. Sieman, P.E., Director
Brooksville Permitting Department
Resource Regulation

WFS:DZS:eah

Enclosures: Approved Permit
Construction Plans

cc: Paul Bradley, P.E., Springstead Engineering, Inc.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
GENERAL
MANAGEMENT OF SURFACE WATER PERMIT

PERMIT GRANTED TO:

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

PERMIT NO:

402092.02

PERMIT APPLICATION

DATE FILED:	June 13, 1990
DATE AMENDED:	N/A
PERMIT GRANTED ON:	November 6, 1990
PERMIT EXPIRES ON:	November 6, 1993
PROJECT NAME:	Sumter County Landfill
COUNTY:	Sumter
LOCATION	
SECTION	15
TOWNSHIP	20S
RANGE	22E

This permit is issued under the provisions of Chapter 373, Florida Statutes, Florida Administrative Code Rule(s) 40D-4 and 40D-40. The above-named permittee is hereby authorized to perform the work or operate the facility shown by the application and approved drawing(s), plans, and other documents, attached hereto or on file with the District and made a part hereof, and specifically described as follows:

Construction of a Surface Water Management System serving a 38.69 acre Government project as named above.

LIMITING CONDITIONS

1. The permittee shall perform the construction authorized in a manner so as to minimize any adverse impact of the system on fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during the construction period, including full compaction of any fill material placed around newly installed structures, to reduce erosion, turbidity, nutrient loading and sedimentation in the receiving waters.
2. Water quality data for the water discharged from the permittee's property or into the surface waters of the state shall be submitted to the District as required. Parameters to be monitored may include those listed in Chapter 17-3. Analyses shall be performed according to procedures outlined in the current edition of Standard Methods for the Examination of Water and Wastewater by American Public Health Association of Methods for Chemical analyses of Water and Wastes by the U.S. Environmental Protection Agency. If water quality data are required, the permittee shall provide data as required on volumes of water discharged, including total volume discharged during the days of sampling and total monthly discharges from the property or into surface waters of the state.
3. The permittee shall comply with all applicable local subdivision regulations and other local requirements. In addition the permittee shall obtain all necessary Federal, State, local and special district authorizations prior to the start of any construction or alteration of works authorized by this permit.

4. The operation phase of this permit shall not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. Within 30 days after completion of construction of the surface water management system, the permittee shall submit the certification and notify the District that the facilities are complete. Upon completion of the surface water management system, the permittee shall request transfer of the permit to the responsible entity approved by the District. The District may inspect the system and require remedial measures as a condition of transfer of the permit.
5. All roads shall be set at or above elevations required by the applicable local governmental flood criteria.
6. All building floors shall be set at or above elevations acceptable to the applicable local government.
7. Off-site discharges during construction and development shall be made only through the facilities authorized by this permit. Water discharged from the project shall be through structures having a mechanism suitable for regulating upstream stages. Stages may be subject to operating schedules satisfactory to the District.
8. No construction authorized herein shall commence until a responsible entity acceptable to the District has been established and has agreed to operate and maintain the system. The entity must be provided with sufficient ownership so that it has control over all water management facilities authorized herein. Upon receipt of written evidence of the satisfaction of this condition, the District will issue an authorization to commence construction.
9. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and Chapter 40D-4.
10. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction operation, maintenance or use of any facility authorized by the permit.
11. This permit is issued based on the applicant's submitted information which reasonably demonstrates that adverse off-site water resource related impacts will not be caused by the completed permit activity. It is also the responsibility of the permittee to insure that adverse off-site water resource related impacts do not occur during construction.
12. Prior to dewatering, plans shall be submitted to the District for approval. Information shall include as a minimum; pump sizes, locations and hours of operation for each pump. If off-site discharge is proposed, or off-site adverse impacts are evident, an individual water use permit may be required. The permittee is cautioned that several months may be required for consideration of the water use permit application. Temporary dewatering during construction, i.e., well pointing, ditching, etc. that will not affect adjacent wetlands or off-site lands is exempt from this requirement.

STANDARD CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Chapters 373 and 403, Florida Statutes. The permittee is hereby placed on notice that the District will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
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 District.
3. The issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other District and Department of Environmental Regulation permit that may be required for other aspects of the total project which are not addressed in the 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, plant or aquatic life or property and penalties therefore caused by the construction or operation of the permitted system, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and District and Department of Environmental Regulation rules, unless specifically authorized by any order from the District or Department.
6. The permittee shall at all times properly operate and maintain the systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with conditions of this permit, as required by District 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 District rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized District personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted; for the purposes of inspection and testing to determine compliance with this permit and District regulations, such as:
 - a. Having access to and copying any records that must be kept under the conditions of the permit;

- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit;
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or District rules; and
- d. Gathering of data and information.

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 notify and provide the District with the following information:

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

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the District for penalties or 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 District, may be used by the District as evidence in any enforcement case arising under the Florida Statutes or District rules, except where such use is proscribed by Florida Statutes.
10. The permittee agrees to comply with changes in District 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 District rules.
11. This permit is transferable only upon District approval in accordance with Florida Administrative Code rules 40D-4.351 as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the District.
12. When specifically required as terms of permitting the permittee shall comply with the following monitoring and record keeping requirements:
- a. Upon request, the permittee shall furnish all records and plans required under District rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the District, during the course of any unresolved enforcement action.
 - b. The permittee shall retain, 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by District rule.

- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.
13. When requested by the District, 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 that relevant facts were not submitted or were incorrect in the permit application or in any report to the District, such facts or information shall be submitted or corrected promptly.
14. Drawings, plans, calculations, specifications or other information submitted by the permittee, not attached hereto, but retained on file at the District office, are made a part of this permit.
15. A copy of this permit and a set of construction drawings depicting the permitted system are required to be kept at the work site of the permitted activity during the entire period of construction or operation. The approved construction drawings are issued as a part of this permit.
16. The discharges from this system shall meet state water quality standards as set forth in Chapter 17-3 and Rule 17-4.242 for class waters equivalent to the receiving waters.
17. Any water discharged from the site during construction of the project shall meet State water quality standards at the property boundary or point of discharge to wetlands or State waters. If the discharge does not meet these standards, the discharge will be immediately stopped and the District shall be notified of corrective action taken to correct the violation. Turbidity shall not exceed 29 N.T.U. above background level. Turbidity shall be monitored at least daily during discharge, or more often as determined by the project engineer if needed, to ensure compliance.
18. The permittee and construction representatives shall assure that erosion and sediment control measures as necessary and as required by Rule 40D-4.091 shall be effectively implemented continuously from beginning of project construction until completion to prevent erosion and transport and discharge of sediment to wetlands or any property other than the project area. Project detention/retention ponds and discharge control structures which are to be constructed as part of the project shall be initially built and maintained continuously during project construction to avoid adverse impact to receiving waters or off site.
19. Except as authorized by this Permit, any further land development, wetlands disturbance or other construction within the total land area of this site will require additional permitting in accordance with Chapters 40D-4 and 40D-40, F.A.C.
20. All rights-of-way and easement locations necessary to construct, operate and maintain all facilities, including uplands conservation/buffer areas and wetlands, which constitute the permitted surface water management system

shall be reserved for water management purposes. Prior to site occupancy the reserved areas shall be shown on any final subdivision plat and recorded in the county public records as special use areas for dedication to the responsible operation and maintenance entity.

21. Construction of the discharge control and water quality treatment facilities which are part of the permitted surface water management system shall be completed and operational prior to beneficial occupancy and use of the project development being served.
22. All retention/detention pond side slopes, except over filter media, shall be sodded, and staked as necessary, to prevent erosion. Filter media surfaces shall also be stabilized to prevent erosion, but in a manner that does not restrict infiltration.
23. By issuance of this permit the District, its employees and representatives assume no responsibility and/or liability in regard to either the design, construction or performance of the permitted facilities.
24. Any system alteration, including for augmentation into or withdrawal of water from the permitted system, other than as specifically authorized by this permit will require additional District permitting consideration. The water level of retention and detention ponds shall not be augmented by pumping or diversion of water into the ponds to artificially control their level above the design normal or beginning storage level. Wells and diversion facilities for such augmentation may require water use permitting according to Chapter 40D-2, F.A.C.
25. Information and reports required to be submitted by this permit shall be submitted to:

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

26. Construction of ~~all water management facilities, including wetlands compensation, grading, mulching, planting of mitigation areas, etc.~~ must be completed prior to beneficial occupancy of the project or operation of the surface water management system.
27. The excavation of retention/detention ponds is limited to the permitted design elevation(s).

TRACKING CONDITIONS

1. The permittee shall immediately provide written notification to the District upon beginning any construction authorized by this permit.
2. The applicant shall retain the Design Engineer, or other Professional Engineer registered in Florida, to conduct on-site observations of construction and assist with the as-built certification requirements of this project; the permittee shall inform the District in writing and prior to beginning construction of the name, address and phone number of the Professional Engineer so employed by the applicant/permittee for that purpose.

PERMIT NO.: 402092.02
PROJECT NAME: Sumter County Landfill
PAGE 7

3. The Operation and Maintenance Entity shall submit inspection reports in the form required by the District, in accordance with the following schedule unless specified otherwise herein or in Application Information.
 - () For systems utilizing effluent filtration or exfiltration, the inspections shall be performed 18 months after operation is authorized and every 18 months thereafter.
 - (X) For systems utilizing retention or wet detention, the inspections shall be performed two (2) years after operation is authorized and every two (2) years thereafter.
 - () For systems utilizing effluent filtration or exfiltration and retention or wet detention, the inspections shall be performed 18 months after operation is authorized and every 18 months thereafter.
4. Refer to LIMITING CONDITION No. 4 herein.

SPECIFIC CONDITIONS

1. All surface water management systems shall practice water conservation to maintain environmental quality and resource protection; to increase the efficiency of transport, application and use; to decrease waste; to minimize unnatural runoff from the property and to minimize dewatering of off-site property. At such time in the future as the Governing Board establishes minimum water levels in aquifers or minimum rates of flow in streams, or otherwise adopts specific conservation criteria, the permittee may be required to undergo an alteration of the system to comply with such criteria upon notice by the District and after a reasonable period for permitting compliance.
2. This modified permit amends the previously issued Construction Permit No. 402092.00 Dated: July 24, 1987 Entitled: Sumter County Landfill.



Authorized Signature
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/90



Southwest Florida Water Management District

2379 Broad Street (U.S. 41 South) Brooksville, Florida 34609-6899
Phone (904) 796-7211 or 1-800-423-1476 SUNCOM 628-4150

June 13, 1991

Charles A. Black
Chairman, Crystal River
Roy G. Harrell, Jr.
Vice Chairman, St. Petersburg
Anne Bishopric Sager
Secretary, Venice
Joseph S. Casper
Treasurer, Tampa
Mary Ann Hogan
Brooksville
Samuel D. Updike
Lake Wales
Gordon D. Hartman
Bradenton
David H. Knowlton
St. Petersburg
Andrew J. Lubrano
Tampa
Abby Misemer
New Port Richey
Sally Thompson
Tampa

Peter G. Hubbell
Executive Director
Mark D. Farrell
Assistant Executive Director
Kent A. Zaiser
General Counsel

Sumter County Board of County Commissioners
Garry Breeden, Director of Public Works
222 E. McCollum Avenue
Bushnell, Florida 33513

Subject: GENERAL PERMIT TRANSMITTAL LETTER - FINAL AGENCY ACTION
File No.: 402092.03
Project Name: Composting Facility Site Improvements

Dear Mr. Breeden:

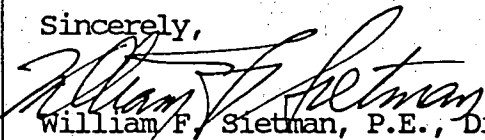
Your Permit(s) has been approved contingent on no objections being received within 14 days after receipt of this notice of Final Agency Action. Your acceptance of the permit(s) constitutes notice and your agreement that the District may periodically review this Permit, including making site inspections.

The enclosed approved construction plans are part of your permit, and construction must be in accordance with those plans.

Please be advised that any person who is substantially affected by the District's Final Agency Action concerning a Permit may challenge this Permit by requesting an Administrative Hearing in accordance with Section 120.57, Florida Statutes (F.S.), and Part V of Chapter 40D-1, Florida Administrative Code (F.A.C.). A request for hearing must be filed with (received by) the Agency Clerk of the District at the address above within 14 days after the date of receipt of this notice of Final Agency Action. When actual receipt of notice cannot be determined, receipt is deemed to be the fifth day after the date on which this notice is deposited in the United States mail. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, F.S.

Your participation in the regulation process will help protect and conserve our water resource. You may contact this office if you have any questions or concerns about your Permit.

Sincerely,


William F. Sietman, P.E., Director
Brooksville Permitting Department
Resource Regulation

WFS:DZS:rls

Enclosures: Approved Permit
Construction Plans

cc: Gregory L. Perrine, P.E., Black and Veatch
Amerecycle, Inc.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
GENERAL
MANAGEMENT OF SURFACE WATER PERMIT

PERMIT GRANTED TO:

PERMIT NO:

402092.03

Sumter County Board of County
Commissioners
222 E. McCollum Avenue
Bushnell, Florida 33513

PERMIT APPLICATION

DATE FILED: April 22, 1991

DATE AMENDED: N/A

PERMIT GRANTED ON: June 13, 1991

PERMIT EXPIRES ON: June 13, 1994

PROJECT NAME: Composting Facility
Site Improvements

COUNTY: Sumter

LOCATION

SEC/TWP/RNG: 15/20S/22E

This permit is issued under the provisions of Chapter 373, Florida Statutes, Florida Administrative Code Rule(s) 40D-4 and 40D-40. The above-named permittee is hereby authorized to perform the work or operate the facility shown by the application and approved drawing(s), plans, and other documents, attached hereto or on file with the District and made a part hereof, and specifically described as follows:

Construction of a Surface Water Management System serving a 3.33 acre Government project as named above.

LIMITING CONDITIONS

1. The permittee shall perform the construction authorized in a manner so as to minimize any adverse impact of the system on fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during the construction period, including full compaction of any fill material placed around newly installed structures, to reduce erosion, turbidity, nutrient loading and sedimentation in the receiving waters.
2. Water quality data for the water discharged from the permittee's property or into the surface waters of the state shall be submitted to the District as required. Parameters to be monitored may include those listed in Chapter 17-3. Analyses shall be performed according to procedures outlined in the current edition of Standard Methods for the Examination of Water and Wastewater by American Public Health Association of Methods for Chemical analyses of Water and Wastes by the U.S. Environmental Protection Agency. If water quality data are required, the permittee shall provide data as required on volumes of water discharged, including total volume discharged during the days of sampling and total monthly discharges from the property or into surface waters of the state.
3. The permittee shall comply with all applicable local subdivision regulations and other local requirements. In addition the permittee shall obtain all necessary Federal, State, local and special district authorizations prior to the start of any construction or alteration of works authorized by this permit.
4. The operation phase of this permit shall not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. Within

PERMIT NO.: 402092.03

PROJECT NAME: Composting Facility Site Improvements

PAGE 2

30 days after completion of construction of the surface water management system, the permittee shall submit the certification and notify the District that the facilities are complete. Upon completion of the surface water management system, the permittee shall request transfer of the permit to the responsible entity approved by the District. The District may inspect the system and require remedial measures as a condition of transfer of the permit.

5. All roads shall be set at or above elevations required by the applicable local governmental flood criteria.
6. All building floors shall be set at or above elevations acceptable to the applicable local government.
7. Off-site discharges during construction and development shall be made only through the facilities authorized by this permit. Water discharged from the project shall be through structures having a mechanism suitable for regulating upstream stages. Stages may be subject to operating schedules satisfactory to the District.
8. No construction authorized herein shall commence until a responsible entity acceptable to the District has been established and has agreed to operate and maintain the system. The entity must be provided with sufficient ownership so that it has control over all water management facilities authorized herein. Upon receipt of written evidence of the satisfaction of this condition, the District will issue an authorization to commence construction.
9. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and Chapter 40D-4.
10. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction operation, maintenance or use of any facility authorized by the permit.
11. This permit is issued based on the applicant's submitted information which reasonably demonstrates that adverse off-site water resource related impacts will not be caused by the completed permit activity. It is also the responsibility of the permittee to insure that adverse off-site water resource related impacts do not occur during construction.
12. Prior to dewatering, plans shall be submitted to the District for approval. Information shall include as a minimum; pump sizes, locations and hours of operation for each pump. If off-site discharge is proposed, or off-site adverse impacts are evident, an individual water use permit may be required. The permittee is cautioned that several months may be required for consideration of the water use permit application. Temporary dewatering during construction, i.e., well pointing, ditching, etc. that will not affect adjacent wetlands or off-site lands is exempt from this requirement.

- c. Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.
13. When requested by the District, 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 that relevant facts were not submitted or were incorrect in the permit application or in any report to the District, such facts or information shall be submitted or corrected promptly.
14. Drawings, plans, calculations, specifications or other information submitted by the permittee, not attached hereto, but retained on file at the District office, are made a part of this permit.
15. A copy of this permit and a set of construction drawings depicting the permitted system are required to be kept at the work site of the permitted activity during the entire period of construction or operation. The approved construction drawings are issued as a part of this permit.
16. The discharges from this system shall meet state water quality standards as set forth in Chapter 17-3 and Rule 17-4.242 for class waters equivalent to the receiving waters.
17. Any water discharged from the site during construction of the project shall meet State water quality standards at the property boundary or point of discharge to wetlands or State waters. If the discharge does not meet these standards, the discharge will be immediately stopped and the District shall be notified of corrective action taken to correct the violation. Turbidity shall not exceed 29 N.T.U. above background level. Turbidity shall be monitored at least daily during discharge, or more often as determined by the project engineer if needed, to ensure compliance.
18. The permittee and construction representatives shall assure that erosion and sediment control measures as necessary and as required by Rule 40D-4.091 shall be effectively implemented continuously from beginning of project construction until completion to prevent erosion and transport and discharge of sediment to wetlands or any property other than the project area. Project detention/retention ponds and discharge control structures which are to be constructed as part of the project shall be initially built and maintained continuously during project construction to avoid adverse impact to receiving waters or off site.
19. Except as authorized by this Permit, any further land development, wetlands disturbance or other construction within the total land area of this site will require additional permitting in accordance with Chapters 40D-4 and 40D-40, F.A.C.
20. All rights-of-way and easement locations necessary to construct, operate and maintain all facilities, including uplands conservation/buffer areas and wetlands, which constitute the permitted surface water management system

shall be reserved for water management purposes. Prior to site occupancy the reserved areas shall be shown on any final subdivision plat and recorded in the county public records as special use areas for dedication to the responsible operation and maintenance entity.

21. Construction of the discharge control and water quality treatment facilities which are part of the permitted surface water management system shall be completed and operational prior to beneficial occupancy and use of the project development being served.
22. All retention/detention pond side slopes, except over filter media, shall be sodded, and staked as necessary, to prevent erosion. Filter media surfaces shall also be stabilized to prevent erosion, but in a manner that does not restrict infiltration.
23. By issuance of this permit the District, its employees and representatives assume no responsibility and/or liability in regard to either the design, construction or performance of the permitted facilities.
24. Any system alteration, including for augmentation into or withdrawal of water from the permitted system, other than as specifically authorized by this permit will require additional District permitting consideration. The water level of retention and detention ponds shall not be augmented by pumping or diversion of water into the ponds to artificially control their level above the design normal or beginning storage level. Wells and diversion facilities for such augmentation may require water use permitting according to Chapter 40D-2, F.A.C.
25. Information and reports required to be submitted by this permit shall be submitted to:

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

26. Construction of all water management facilities, including wetlands compensation, grading, mulching, planting of mitigation areas, etc. must be completed prior to beneficial occupancy of the project or operation of the surface water management system.
27. The excavation of retention/detention ponds is limited to the permitted design elevation(s).

TRACKING CONDITIONS

1. The permittee shall immediately provide written notification to the District upon beginning any construction authorized by this permit.
2. The applicant shall retain the Design Engineer, or other Professional Engineer registered in Florida, to conduct on-site observations of construction and assist with the as-built certification requirements of this project; the permittee shall inform the District in writing and prior to beginning construction of the name, address and phone number of the Professional Engineer so employed by the applicant/permittee for that purpose.

PERMIT NO.: 402092.03

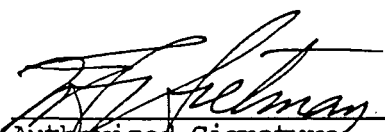
PROJECT NAME: Composting Facility Site Improvements

PAGE 7

3. The Operation and Maintenance Entity shall submit inspection reports in the form required by the District, in accordance with the following schedule unless specified otherwise herein or in Application Information.
 - () For systems utilizing effluent filtration or exfiltration, the inspections shall be performed 18 months after operation is authorized and every 18 months thereafter.
 - (X) For systems utilizing retention or wet detention, the inspections shall be performed two (2) years after operation is authorized and every two (2) years thereafter.
 - () For systems utilizing effluent filtration or exfiltration and retention or wet detention, the inspections shall be performed 18 months after operation is authorized and every 18 months thereafter.
4. Refer to LIMITING CONDITION No. 4 herein.

SPECIFIC CONDITIONS

1. All surface water management systems shall practice water conservation to maintain environmental quality and resource protection; to increase the efficiency of transport, application and use; to decrease waste; to minimize unnatural runoff from the property and to minimize dewatering of off-site property. At such time in the future as the Governing Board establishes minimum water levels in aquifers or minimum rates of flow in streams, or otherwise adopts specific conservation criteria, the permittee may be required to undergo an alteration of the system to comply with such criteria upon notice by the District and after a reasonable period for permitting compliance.
2. This modified permit amends the previously issued Construction Permit No. 402092.02 Dated: November 11, 1990 Entitled: Sumter County Landfill.



Authorized Signature
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/90

**APPLICATIONS FOR
PERMIT TO OPERATE COMPOSTING FACILITY
PERMIT TO OPERATE RESOURCE RECOVERY FACILITY
WASTE TIRE GENERAL PERMIT
AND
PERMIT TO MAINTAIN CLOSED CLASS I SANITARY LANDFILL
PREPARED FOR**



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX F
PHOTOGRAPHS**

MARCH 30, 1992

92-1100.00

SUMTER COUNTY LANDFILL (A SOLID WASTE MANAGEMENT FACILITY)
SUMTER COUNTY, FLORIDA
MARCH 30, 1992
92-1100.00



PHOTOGRAPH NO. 1 - LOOKING NORTH TOWARD C.R. 470 FROM THE SCALE HOUSE AT THE SUMTER COUNTY LANDFILL.



PHOTOGRAPH NO. 2 - LOOKING EAST FROM THE ENTRANCE ROAD TO THE SUMTER COUNTY LANDFILL. NOTE THE FACILITY SIGN AT CENTER OF PHOTOGRAPH.

SUMTER COUNTY LANDFILL (A SOLID WASTE MANAGEMENT FACILITY)
SUMTER COUNTY, FLORIDA
MARCH 30, 1992
92-1100.00



PHOTOGRAPH NO. 3 - VIEW OF THE SCALE HOUSE LOOKING SOUTH.
NOTE THE LITTER CONTROL FENCE TO THE RIGHT.



PHOTOGRAPH NO. 4 - LOOKING SOUTH PAST THE RESOURCE RECOVERY
BUILDING. NOTE THE TRAFFIC CONTROL SIGNS.

SUMTER COUNTY LANDFILL (A SOLID WASTE MANAGEMENT FACILITY)
SUMTER COUNTY, FLORIDA
MARCH 30, 1992
92-1100.00

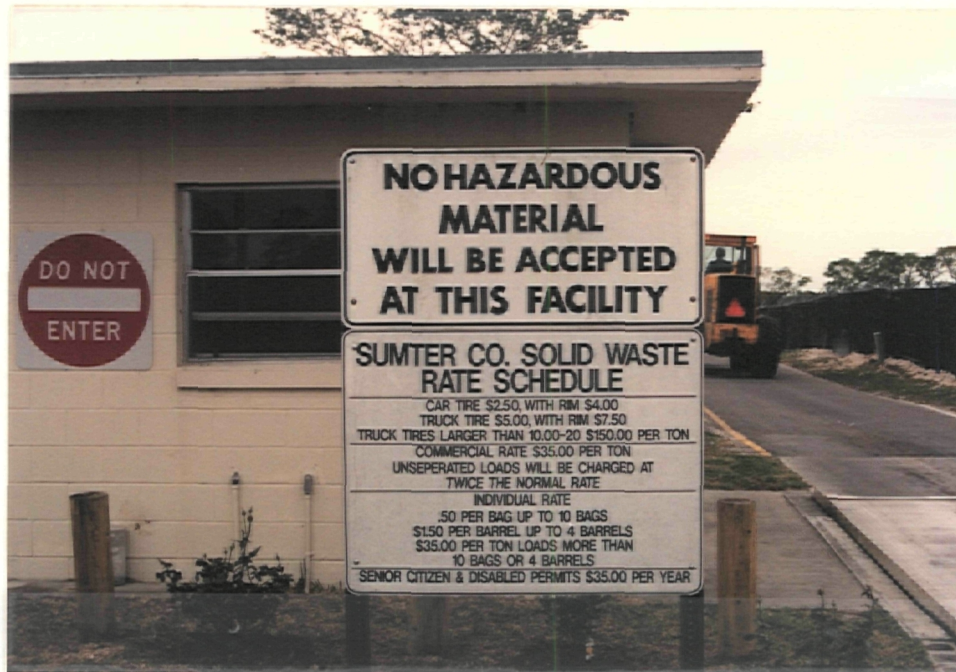


PHOTOGRAPH NO. 5 - A VIEW OF THE SCALE HOUSE LOOKING NORTH.
NOTE THE TRAFFIC CONTROL SIGNS.



PHOTOGRAPH NO. 6 - LOOKING SOUTH AT THE LOCKING GATE AT THE
ENTRANCE TO THE SUMTER COUNTY LANDFILL. NOTE THE SIGNS.

SUMTER COUNTY LANDFILL (A SOLID WASTE MANAGEMENT FACILITY)
SUMTER COUNTY, FLORIDA
MARCH 30, 1992
92-1100.00



PHOTOGRAPH NO. 7 - SIGNS LOCATED AT THE SCALE HOUSE
ANNOUNCING TIPPING FEES AND OTHER PERTINENT INFORMATION.



PHOTOGRAPH NO. 8 - INSIDE THE SCALE HOUSE.

SUMTER COUNTY LANDFILL (A SOLID WASTE MANAGEMENT FACILITY)
SUMTER COUNTY, FLORIDA
MARCH 30, 1992
92-1100.00



PHOTOGRAPH NO. 9 - LOOKING WEST AT THE LITTER CONTROL FENCE
ALONG THE WEST BOUNDARY OF THE SUMTER COUNTY LANDFILL.



PHOTOGRAPH NO. 10 - THE ATTENDANT AT THE SCALE HOUSE.

SUMTER COUNTY LANDFILL (A SOLID WASTE MANAGEMENT FACILITY)
SUMTER COUNTY, FLORIDA
MARCH 30, 1992
92-1100.00



PHOTOGRAPH NO. 11 - A VIEW OF THE "SCARAB" USED TO TURN AND MIX THE MATERIAL IN THE COMPOSTING WINDROWS.



PHOTOGRAPH NO. 12 - THE TANK USED TO STORE USED OIL RECEIVED AT THE SUMTER COUNTY LANDFILL. TANK IS LOCATED IN THE RESOURCE RECOVERY BUILDING.

SUMTER COUNTY LANDFILL (A SOLID WASTE MANAGEMENT FACILITY)
SUMTER COUNTY, FLORIDA
MARCH 30, 1992
92-1100.00



PHOTOGRAPH NO. 13 - USED LEAD BATTERIES PLACED ON PALLETS
READY FOR PICKUP.

**APPLICATIONS FOR
PERMIT TO OPERATE COMPOSTING FACILITY
PERMIT TO OPERATE RESOURCE RECOVERY FACILITY
WASTE TIRE GENERAL PERMIT
AND
PERMIT TO MAINTAIN CLOSED CLASS I SANITARY LANDFILL
PREPARED FOR**



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX G
SOLID WASTE OPERATIONAL GUIDELINES**

MARCH 30, 1992

92-1100.00

HAZARDOUS WASTE

INFORMATION

FOR

SUMTER COUNTY LANDFILL

OPERATIONS PERSONNEL

C-103

C-103

SUMTER COUNTY LANDFILL SOLID WASTE FACILITY

EMPLOYEE HAZARDOUS WASTE HANDOUT

Gasoline and a source of ignition do not mix well. Neither do some types of waste, waste by-products, workers, and the environment.

WASTE ACCEPTANCE

The types of waste that can be accepted for processing or disposal are restricted by State rules and permit regulations.

Federal Guidelines and State Rules limit and/or control disposal of the
following types of waste:

liquids

solid waste containing free moisture*

hazardous waste

raw sewage sludge

animal manure

dead animals

septic tank pumpings

tires

*free moisture is defined as the liquid that will freely drain by gravity from a solid material.

The following wastes require special handling and when possible prior approval from supervisory personnel should be obtained when loads of these wastes are anticipated:

- liquids
- animal manure
- dead animals
- septic tank pumpings
- tires (when in volume loads)

Hazardous Waste

The solid waste facility cannot accept hazardous waste. ~~accept hazardous waste.~~

A waste is hazardous if it exhibits a characteristic listed below:

- ignitability (flash point less than 140° C)
- oxidizer
- corrosivity (ph less than 2 or greater than 12.5)
- reactive
- explosive
- toxic
- infectious
- radioactive

Wastes which have one or more of the above characteristics cannot be disposed of in a solid waste facility.

Some specific hazardous wastes which you may encounter that also cannot be accepted are as follows:

paint wastes (filters and sludges - may be ignitable or E.P. toxic)

glass grindings (typically from eyeglass manufacturing - may be E.P. toxic)

foundary sands (may be E.P. toxic)

cured or uncured resins and epoxies (may be flammable or toxic)

sludges (may be from gas and oil bottom cleaning or from electroplating operations, may be E.P. toxic)

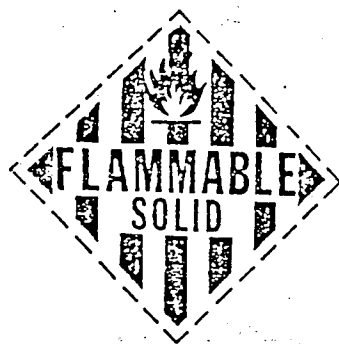
Hazardous materials are often labeled. Operators should look for a label on containers indicating that the contained material was, or is, hazardous.

The following are diagrams of the placards which the Department of Transportation requires on all hazardous materials shipments. Any item in a container identified by these signs must be inspected and identified for hazardous content prior to acceptance:

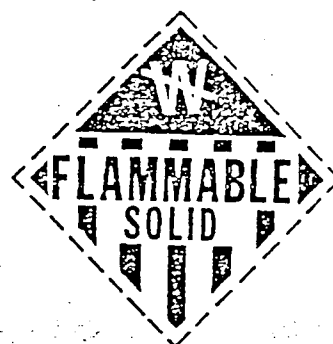
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TABLE OF PLACARDS AND APPLICABLE RESPONSE GUIDE PAGES

USE ONLY IF MATERIALS CANNOT BE SPECIFICALLY IDENTIFIED
THROUGH SHIPPING PAPERS OR MARKINGS.



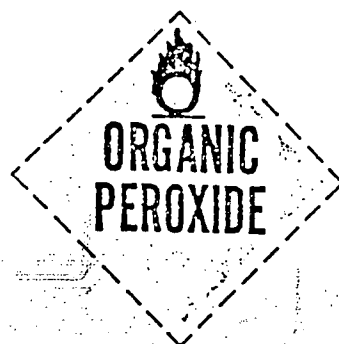
Guide 38



Guide 41



Guide 47



Guide 52



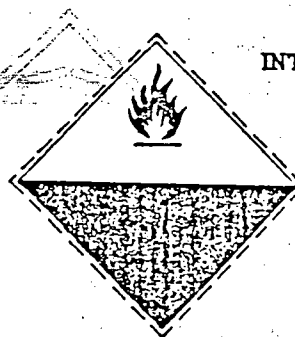
Guide 55



Guide 63

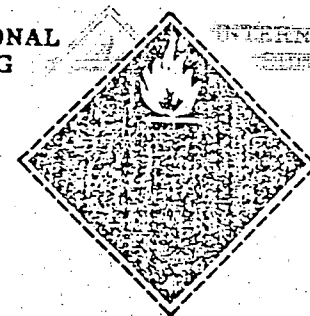


Guide 59



Guide 37

INTERNATIONAL
SHIPPING
ONLY



Guide 41

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TABLE OF PLACARDS AND APPLICABLE RESPONSE GUIDE PAGES

TABLE OF F

US

USE ONLY IF MATERIALS CANNOT BE SPECIFICALLY IDENTIFIED
THROUGH SHIPPING PAPERS OR MARKINGS.



Guide 11



Guide 46



Guide 46



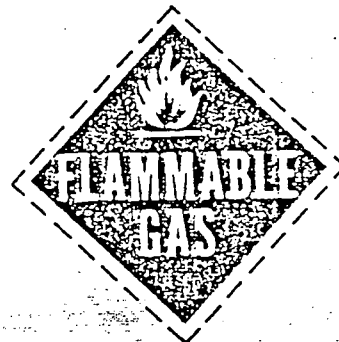
Guide



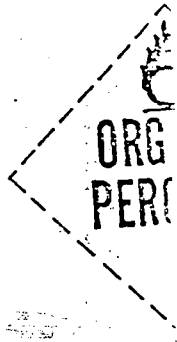
Guide 46



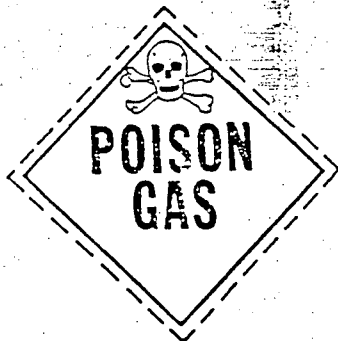
Guide 16



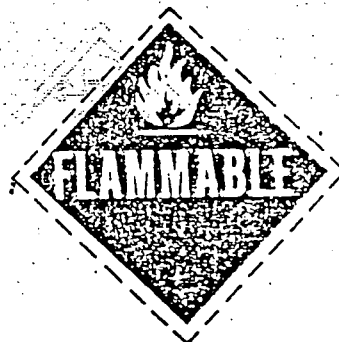
Guide 19



Guide



Guide 15



Guide 26



Guide 26



Gu

HAZARDOUS WASTE

Definition: Waste that cannot be handled by routine management techniques due to the potential harm to man or the environment.

Catagories: Flammables and explosives - can be set on fire, will flash to combustion, will support fire or flame.

Oxidizers - an element when combined with oxygen from open air or water will react. Once reaction begins, it is difficult to stop.

Corrosives and irritants - the destruction of materials or body parts by chemical action.

Poisons and toxics - having a destructive effect on humans or animals usually caused by chemicals or fumes and gases from chemicals.

Infectious - capable of injury by disease, to cause infection of a disease, to spread a disease.

Radioactives - emitting invisible nuclear rays usually from a radioactive chemical element.

Nonhazardous Industrial Wastes - is defined as wastes from an industrial process, waste or off-spec chemicals, residuals from water and wastewater treatment, incineration residues, and other residuals from pollution control devices.

These materials must have a determination by the State of Florida, Department of Environmental Regulation as to hazardous or nonhazardous status prior to acceptance. Experience has taught solid waste professionals to insure the disposer is actually brining in the material he says he is. Some method of positive identification of these wastes must be developed within

the regulator, disposer, and solid waste facility circle prior to acceptance of this type of waste.

Examples of materials which may be nonhazardous in certain instances are:

paint sludge

lime sludge

organic resins

ash

wood and paper mill wastes

foundry sand

food waste

Hazardous Waste Identification

The attendant must perform a thorough inspection of all incoming waste to prevent a potentially hazardous situation from developing at the solid waste facility building.

A few minutes of additional time may be needed to adequately perform a complete inspection of the load. Sometimes a supervisor will have to be called for assistance. The few minutes involved is well worth the extra time when the extra possible consequences of a hazardous event are considered.

The following items are the most common types of hazardous or potentially hazardous wastes the attendant and tipping floor operators will encounter.

PRODUCT TYPEPOTENTIAL HAZARD

Air fresheners and deodorizers

toxic, irritant

Bleach

corrosive, irritant

Car wax, polish

toxic, irritant

Disinfectants

corrosive, flammable, toxic, irritant

Drain cleaner

reactive, corrosive, irritant

Flea powder

toxic irritant

Floor cleaner/wax

toxic, flammable, irritant

Furniture polish

toxic, reactive, irritant

Oven cleaner

reactive, irritant

Paint thinner

toxic, flammable, irritant

Paints

flammable, irritant

Spot removers

corrosive, irritant

Toilet bowl cleaner

toxic, flammable, corrosive, irritant

Window cleaner

toxic, irritant

Wood stains/varnish

flammable, irritant

The above items will usually be thrown out in household trash and most containers you see will be empty and loose in the trash. Should these items be found on the tipping floor in shipping boxes, loose in the trash but in quantity of numbers, or many loose items in similar containers (boxes, bags, etc.) it is a matter of concern. Items grouped as described above should not be accepted.

The following items should be handled with extreme caution and should under no circumstances be accepted:

<u>PRODUCT</u>	<u>INGREDIENTS</u> (may/may not be on label)	<u>POTENTIAL HAZARD</u>
Ammunition	blackpowder, primer	explosive
Antifreeze	Ethylene glycol, methanol	toxic
Auto batteries	sulphuric acid, lead	toxic, reactive & corrosive
Concentrated windshield washer solution	methyl alcohol	toxic
Carburetor cleaner, engine degreaser	petroleum distillates	flammable
Insulation, pipe wrappings	asbestos	carcinogen
Herbicides (see label for: 2, 4, D; 2, 4, 5-T; 2, 4, 5-TP; Silvex, MCPA; MCPB)	chlorinated phenoxys	toxic, irritant
Lighter fluid, lamp oil	petroleum, hydrocarbons (benzene)	flammable
Motor oil, gasoline	petroleum, hydrocarbons (benzene)	flammable
Pesticides (see label for: Aldocarb, Oxamyl, Carbofuran, Methyomyl, Sectran, Propoxur, Carbaryl, Sevin)	lead	flammable
Pesticides (see label for: Aldocarb, Oxamyl, Carbofuran, Methyomyl, Sectran, Propoxur, Carbaryl, Sevin)	carbamates group	toxic
Pesticides (see label for: Edrin, Aldrin, Dieldrin, Toxaphene, Lindane, Benzene, Hexachloride, DDT, Heptachlor, Chlordane, Mirex, Methoxychlor)	chlorinated hydrocarbous group	toxic
Pesticides (see label for: Phorate, Mevinphos, Demeton, Disulfotan, Parathion, Diazinon, Trichlorfon, Ronnel, Azinphosmethyl)	Organophosphates group	toxic
Propane cylinders, butane lighters, cylinders	petroleum distillates	flammable
Swimming pool acid	muratic acid	reactive, corrosive
Swimming pool chlorine	sodium hypochlorite	reactive, corrosive
Infectious waste	pathogens	infectious
Radioactive waste	radioactive isotopes	carcenogenic

Hazardous Waste Separation

Hazardous wastes which may be disposed of with domestic or light industrial solid waste can be separated into five (5) major categories for identification purposes:

- | | |
|----------------------------|--|
| 1. explosives: | organic solvents, ammunition, oil,
gasoline, propane |
| 2. corrosive and reactive: | acids and bases |
| 3. toxic: | asbestos, toxic metals, organic
solvents, pesticides and poisons,
herbicides |
| 4. infectious: | pathogenic |
| 5. radioactive | radio isotopes |

When hazardous materials are discovered in the waste stream at solid waste facilities, operators should separate the following general groups of substances from one another and insure temporary storage facilities adequately achieve separation:

Asbestos - do not crush bag or container

Toxic metals - i.e. mercury (switches and thermometers)

arsenic

lead

cadmium

most batteries

Organic solvents (i.e.)

cleaning fluids

polishes

rust remover

dyes

contact and other cements

glues

fingernail polish and remover

paints, including wood preservatives

thinners

degreasers

antifreeze, coolants

propane tanks

butane tanks

methyl alcohol

auto body filler

fluorescent lamp ballast (PCB)

Acids (i.e.)

- drain cleaners
- tub and tile cleaners
- toilet bowl cleaners
- muratic acid (swimming pool and masonry work)
- used auto batteries
- hydrofluoric acid
- sulfuric acid
- phosphoric acid
- chlorine - bleaches - never mix with ammonia

Bases (i.e.)

- lye (sodium hydroxide)
- oven cleaners
- drain cleaners
- ammonia - never mix with chlorine or bleaches
- ammonium nitrate

Pesticides and Poisons (i.e.)

- soil fumigants
- nematicides
- farm, garden, and agricultural insecticides
- fungicides

Herbicides (i.e.)

- weed killers
- vegetative control products
- water weed killers

Infectious wastes (i.e.)

- hospital wastes (red bag waste)
- nursing home wastes
- clinical wastes

Radioactive wastes (i.e.)

- camping lantern mantles (thorium)
- used smoke detectors (ionization type)
- some military equipment
- hospital and clinical x-ray wastes

Operators must insure that materials of a hazardous nature are not allowed to be left at the solid waste facility by customers. Make them load it up and take it with them. A good policy is to get the vehicle license number and a description of the vehicle and report to a supervisor with details of hazardous materials attempted to be disposed.

**APPLICATIONS FOR
PERMIT TO OPERATE COMPOSTING FACILITY
PERMIT TO OPERATE RESOURCE RECOVERY FACILITY
WASTE TIRE GENERAL PERMIT
AND
PERMIT TO MAINTAIN CLOSED CLASS I SANITARY LANDFILL
PREPARED FOR**



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX H
BORING LOGS AT RESOURCE RECOVERY BUILDING**

MARCH 30, 1992

92-1100.00

CENTRAL TESTING LABORATORY
P. O. BOX 883
ORAL CITY, FLORIDA 32636

BORING REPORT
CONSTANT BLOW COUNT

SPECIFICATION: D 1586
DRILL CREW: Opsahl, Gilbert
DATE: 3-26-1987

FILE NO: 7077 - 7777 CUSTOMER: Sumter County

HOLE NO: B-2, B-3, B-5 GROUND WATER LEVEL: NONE

LOCATION: Sumter Co. Landfill Lake Panasoffkee Sumter Co.

SPOON: DIAMETER 2" HAMMER: WEIGHT 140 lbs. DROP: 30"

FEET BLOWS ON
SPOON DESCRIPTION

Hole B-2

0 - 1½'	1-2-4	Light brown fine sand
1½ - 3'	5-7-8	Light brown fine sand
3 - 4½'	7-7-5	Light brown fine sand
4½ - 6'	4-3-4	Light brown fine sand
6 - 7½'	4-2-3	Light brown fine sand
7½ - 9'	3-4-7	Light brown fine sand
9 - 10½'	7-5-6	Light brown fine sand
10½ - 12'	5-5-4	Light brown fine sand
12 - 13½'	3-4-3	Light brown fine sand
13½ - 15'	4-6-7	Light brown fine sand

Hole B-3

0 - 1½'	1-2-3	Brown fine sand
1½ - 3'	4-4-7	Brown fine sand
3 - 4½'	6-6-6	Brownish gray fine sand
4½ - 6'	3-2-3	Light brownish gray fine sand
6 - 7½'	2-2-2	Light brown fine sand
7½ - 9'	2-1-1	Light brown fine sand
9 - 10½'	2-1-3	Light brown fine sand
10½ - 12'	3-2-2	Light brown fine sand to 11'3", brown fine sand to 12'
12 - 13½'	2-3-3	Blackish brown moist fine sand
13½ - 15'	4-3-5	Blackish brown moist fine sand

Hole B-5

0 - 1½'	2-2-4	Dark brown fine sand
1½ - 3'	4-4-5	Dark brown fine sand
3 - 4½'	3-5-6	Dark brown fine sand to 4', blackish brown fine sand
4½ - 6'	4-4-3	Blackish brown fine sand
6 - 7½'	2-2-2	Grayish brown fine sand
7½ - 9'	1-2-1	Brown fine sand
9 - 10½'	2-1-2	Dark brown fine sand
10½ - 12'	2-2-2	Blackish brown fine sand
12 - 13½'	2-3-4	Brown fine sand
13½ - 15'	4-5-6	Blackish brown fine sand

I HEREBY CERTIFY TESTING WAS PERFORMED IN ACCORDANCE WITH THE REFERENCED SPECIFICATIONS.

PAUL BRADLEY, P. E., REG. #35481

CHET MAIN, DIRECTOR

N. LINE OF PROPERTY

N. LINE OF LANDFILL

HOLE #3
EL. 69.04

SCALE
HOUSE

NEW
LINED
CELL

COMPOSTING PAD

ASPHALT CURB

LEACHATE POND

FLUME

WINDROWS

ROW 1
ROW 2
ROW 3
ROW 4
ROW 5
ROW 6
ROW 7
ROW 8

HOLE #2
EL. 64.23

B-2
B-3
B-5

VOLUME REDUCTION
FACILITY

HOLE #1
EL. 68.11

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WASTE TIRE GENERAL PERMIT
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PREPARED FOR**



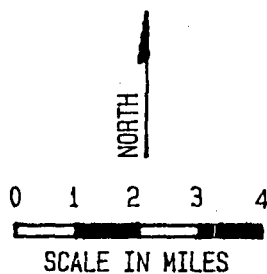
**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX I
MAP VII-19 SUMTER COUNTY COMP PLAN**

MARCH 30, 1992

92-1100.00

SE/



MAP VII-19 FUTURE LAND USE MAP SUMTER COUNTY - 2001 -

PLANNING & ENGINEERING RESOURCES, INC.

1515 E. Silver Springs Blvd., Suite M250
P.O. Box 2019
Ocala, Florida 32678-2019

LEGEND

- MUNICIPALITIES
- RURAL RESIDENTIAL
(Up to one (1) dwelling unit per gross acre.)
- LOW-DENSITY RESIDENTIAL
(Up to two (2) dwelling units per gross acre.)
- MEDIUM-DENSITY RESIDENTIAL
(Up to four (4) dwelling units per gross acre.)
- HIGH-DENSITY RESIDENTIAL
(Up to six (6) dwelling units per gross acre.)
- PLANNED UNIT DEVELOPMENT
(Up to eight (8) dwelling units per gross acre.)
(Two (2) units per acre density bonus pursuant to Policy 1.5.2)
- COMMERCIAL
- INDUSTRIAL
- RECREATIONAL
- CONSERVATION
- AGRICULTURAL (ONE DWELLING PER 10 ACRES)
(One dwelling per 5 acres pursuant to Policy 1.2.4)
- INSTITUTIONAL/EDUCATION/PUBLIC USES
- URBAN EXPANSION AREAS

* NOTE: If residential area falls in Constraint Area "B", density falls to 1 unit per 5 acres unless and until the constraints are mitigated.

PREPARED BY:
PLANNING AND ENGINEERING RESOURCES, INC.
FOR THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

PREPARATION OF THIS MAP WAS AIDED THROUGH FINANCIAL ASSISTANCE RECEIVED FROM THE STATE OF FLORIDA UNDER THE RURAL COMMUNITIES SUPPLEMENTAL PLANNING ASSISTANCE GRANT PROGRAM AUTHORIZED BY CHAPTER 91-113, LAWS OF FLORIDA, AND ADMINISTERED BY THE FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS.

THIS MAP HAS BEEN PREPARED AS A GRAPHIC ILLUSTRATION OF THE TEXTUAL MATERIAL CONTAINED IN THE 1994 UPDATE OF THE SUMTER COUNTY COMPREHENSIVE PLAN. LAND USES INDICATED ARE GENERALIZED AND BOUNDARIES OF SUCH USES ARE APPROXIMATE AND ARE NOT TO BE USED TO ESTABLISH LEGAL BOUNDARIES FOR EACH PARCEL OF USE. FOR DETAILS REFER TO THE LAND USE ELEMENT.

ADOPTED 2/3/92

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**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX J
LETTER - GROUNDWATER MONITORING PLAN**

MARCH 30, 1992

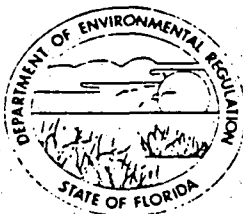
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STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

DUPLICA

SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610



RECEIVED
MAR 25 1985

BOB GRAHAM
GOVERNOR

S & A / VICTORIA J. TSCHINKEL
SECRETARY

DR. RICHARD D. GARRITY
DISTRICT MANAGER

March 22, 1985

Board of Sumter County Comm.
209 N. Florida Street
Bushnell, FL 33513

Sumter County
Sumter County Landfill

Dear Sirs:

Re: Groundwater Monitoring Plan Permit Modification for
Sumter County Landfill

According to the requirements of Section 17-4.245 and 17-4.08, F.A.C., your groundwater plan has been reviewed and groundwater monitoring requirements have been established for your facility. The following conditions shall become a part of Permit No. S060-30674:

1. The permittee shall construct and install 5 shallow monitoring wells, and 1 deep monitoring well constructed in the confined aquifer. Locations of the wells shall be as shown in a letter dated January 25, 1985 from Springstead and Associates, Inc., with the addition of a shallow well midway along the eastern boundary of the landfill.
2. Construction of the monitoring wells shall be in accordance with methods approved by the Department and EPA recommended methods as contained in "Procedures Manual for Groundwater Monitoring at Solid Waste Disposal Facilities" (EPA 530/SW-611).
3. Upon completion of the construction of the wells, the permittee shall perform a one-time analysis on all 6 wells for Primary and Secondary drinking water standards (including volatile organics).
4. After initial sampling for Primary and Secondary standards, the permittee shall sample monthly for 1 year and quarterly thereafter, for the following parameters:

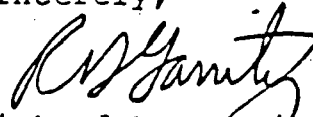
Water levels
pH (field)
Specific Conductance (field)
Ammonia
Sulfate
Sulfide

Total Organic Carbon
Total Organic Halide
Chloride
Nitrate
Iron

Based on results of sampling, this parameter list may be subject to modifications.

5. The samples collection, preservation, and laboratory testing (including quality control procedures) shall be in accordance with methods approved by the Department. Approved methods as published by the Department or as published in Standard Methods, A.S.T.M. or EPA methods shall be used.
6. Analyses shall be performed by laboratories which are approved by the Department of Health and Rehabilitative Services to conduct analyses pursuant to Section 403.863, F.S., the State Public Water Supply Laboratory Certification Program.
7. The permittee shall submit to the Department's Southwest District Office the results of the groundwater monitoring requirements no later than the 15th day of the month immediately following the end of the sampling period.
8. The zone of discharge shall extend horizontally no more than 100 feet from the site boundary or to the permittee's property line, whichever is less, and vertically to the base of the shallow water table aquifer according to Section 17-4.245(4), F.A.C.
9. The permittee shall ensure that the water quality standards for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to Sections 17-3.402 and 17-3.404, F.A.C.
10. The permittee shall ensure that the minimum criteria for groundwater specified in Section 17-3.402, F.A.C. shall not be violated within the zone of discharge.
11. The permittee shall initiate implementation of the groundwater monitoring program within 90 days after Department approval, pursuant to Section 17-4.245(6)(f), F.A.C.

Sincerely,



Richard D. Garrity, Ph.D.
District Manager

ASB/lgb

cc: Gardner Strasser
Springstead and Associates, Inc.

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**APPENDIX K
GAS MIGRATION INVESTIGATION**

MARCH 30, 1992

92-1100.00

GAS MIGRATION INVESTIGATION
SUMTER COUNTY LANDFILL
C-103

The purpose of measuring gas generated on the Sumter County Landfill site is to determine if landfill gas is moving laterally and possibly causing a threat of explosion by gas buildup in nearby structures or migration to off-site locations.

Porous soils on site do not indicate the probability of gas buildup or lateral movement off-site. It is anticipated that all gas generated will be liberated by vertical movement through porous soil particles.

A grid system was developed and is represented on the attached aerial of the Sumter County Landfill indicating twenty-four (24) gas investigation locations. This approach was used to obtain sufficient areal information over the active portion of the landfill, inactive portions of the landfill, and adjacent undisturbed areas.

The following locations of gas probe vents are represented on the above mentioned aerial. Please refer to the aerial for location of each numbered reading.

FIELD TEST FOR GAS GENERATION
SUMTER COUNTY LANDFILL

C-103

February 2, 1988

Test holes were prepared several days in advance of LEL readings being observed. Each hole was excavated to a depth of two (2) feet with annulus area of six (6) inches. Holes were left open to the ambient for maximum gas liberation benefit. Mr. Dale Pariett utilized a gas detection device manufactured by Control Power System, Model 780 to determine the presence of landfill gas. The gas meter probe was inserted into each hole and readings observed. The following is a report of Mr. Pariett's findings:

LOCATION OF GAS PROBE VENTS

GAS DETECTION READINGS

GI- 1	None Detected
GI- 2	None Detected
GI- 3	None Detected
GI- 4	None Detected
GI- 5	None Detected
GI- 6	None Detected
GI- 7	None Detected
GI- 8	None Detected
GI- 9	None Detected
GI-10	Active Area of Landfill
GI-11	None Detected
GI-12	None Detected
GI-13	None Detected
GI-14	None Detected
GI-15	None Detected
GI-16	None Detected
GI-17	None Detected
GI-18	None Detected
GI-19	None Detected
GI-20	None Detected
GI-21	None Detected
GI-22	None Detected
GI-23	None Detected
GI-24	None Detected

Based on negative readings observed, it can be assumed that the landfill gas being generated by decomposing materials is being liberated vertically through porous soils and not migrating laterally to off landfill site locations.

(C103GMI020588)

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**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX L
LETTER TO FIRE DEPARTMENT**

MARCH 30, 1992

92-1100.00

Sumter County Public Works

222 East McCollum Avenue
Bushnell, Florida 33513
Phone (904) 793-0240

Garry Breeden
Director

Tommy Hurst
Assistant Director

March 25, 1992

Assistant Chief Roger Cheatham
Lake Panasoffkee Fire Department
P.O. Box 708
Lake Panasoffkee, FL 33538

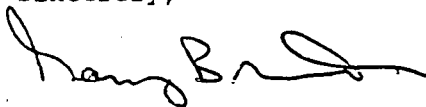
Re: Fire Safety Survey
Waste Tire Collection Site
Sumter County Landfill

Dear Assistant Chief Cheatham:

The Sumter County Board of County Commissioners, Department of Public Works is applying for a Waste Tire General Permit with the Florida Department of Environmental Regulation for the waste tire collection site located at the Sumter County Landfill. Pursuant to Rule 17-711.540 (2) (k) Florida Administrative Code, a fire safety survey is requested. Please Contact me at telephone number 793-0240 to schedule the fire safety survey.

Thank you for your prompt response in regards to this important project.

Sincerely,



Garry Breeden
Director of Public Works
Sumter County

GB/jc