



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

Mr. Paul Wingler, P.E.
Sarasota County Solid Waste Department
4000 Knights Trail Road
Nokomis, Fl. 34275

January 30, 2002

RE: Sarasota Central County Solid Waste Complex
Financial Assurance Cost Estimates
Permit Nos.: SO58-299180, Class I Landfill
134912-001-SO, MRF
WT58-301584, Waste Tire Processing Facility

Dear Mr. Wingler:

This letter is to acknowledge receipt of the cost estimates revised November 9, 2001 (received November 13, 2001) and revised pages 3 and 6 of 11 received January 18, 2002 for closing and long-term care of the Sarasota County Central County Landfill and related facilities. The cost estimates received November 12, 2001 and January 18, 2002 (total closing \$40,868,812.88 and \$558,440.69 x 30 years = \$16,753,220.81 total long-term care), are **APPROVED for 2001**. Please be reminded that the next annual cost adjustment statement (revised estimates) is due no later than September 1, 2002.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C. If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

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

sjp
cc:

Gary Bennett, Sarasota County Solid Waste Operations Manager, 4000 Knights Trail Road,
Nokomis, Fl. 34275
Fred Wick, FDEP, Tallahassee, w/attachment
Robert Butera, P.E., FDEP Tampa
Kim Ford, P.E., FDEP Tampa

SCS ENGINEERS

January 18, 2002
File No. 09201024.01

Kim Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

*Bob
ok with me
for*

RECEIVED
JAN 18 2002
BY *[Signature]*
SOUTHWEST DISTRICT

Subject: Sarasota County, Central County Solid Waste Disposal Complex
Operations Permit Renewal, Permit No. SO58-299180
Waste Tire Facility Permit Renewal, Permit No. WT58-301584

Dear Mr. Ford:

SCS Engineers (SCS) is working with Sarasota County to develop the above referenced permit applications. According to Specific Condition 4 of the referenced operations permit, an application for permit renewal shall be submitted to the Department no later than 180 days prior to permit expiration. This equates to an application submittal date of January 31, 2002. Based on discussions with the Department, submittal of the application 30 days beyond this date, or by March 1, 2002, is acceptable to the Department.

In addition to the landfill permit, the waste tire facility permit renewal application is also due. We request an extension for submittal of this application to March 1, 2002.

Please let us know immediately if this proposed schedule is not acceptable to the Department.

Sincerely,

[Signature]

John A. Banks, P.E.
Project Manager
SCS ENGINEERS

[Signature]

Raymond J. Dever, P.E., D.E.E.
Vice President
SCS ENGINEERS

cc: Gary Bennett, Sarasota County





Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

June 9, 1998

Mr. Gary Bennett
Solid Waste Management
Sarasota County
8350 Bee Ridge Road
Sarasota, FL 34241

Re: Sarasota CCSWDC, Class I Landfill and related facilities
Certification of Construction Completion
Permit Nos.: SC58-214931 and WT58-301584

Dear Mr. Bennett:

On June 2, 1998, an inspection of the above referenced facility relative to construction completion and adherence to the permit issued by the Florida Department of Environmental Protection (FDEP) was made by Gary Bennett, Mark Triplett and Paul Wingler (Sarasota County), Tom Walker and Scott Bennett (CDM), and Robert Butera and Kim Ford (FDEP).

Certification of Construction Completion dated May 22, 1998 was received by the Department on May 22, 1998. Based on the certification documents received February 10, 1998, and related supporting documents (Ardaman reports - clay liner, HDPE liner and select sand - received February 17 and 25, and April 27, 1998, respectively; geonet and geotextile panel placement drawings received April 20, 1998; and clay liner drawing, HDPE liner drawings, project record drawings, and revised Appendices C-8 and C-9, received May 22, 1998), and the construction inspection, FDEP approves the certification for the above referenced facility in accordance with the current permits #SC58-214931 and WT58-301584.

If you have any questions you may call me at (813) 744-6100, extension 382.

Sincerely,

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

KBF/ab

cc: Thomas Walker, P.E., CDM
Robert Butera, P.E., FDEP Tampa



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(C)
Form Title Certification of Construction Completion
Effective Date May 19, 1994
DEP Application No. _____
(Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

RECEIVED
MAY 22 1998
DEPT. OF ENVIRONMENTAL PROTECTION

DEP Construction Permit No: SC58-214931 County: Sarasota
Name of Project: Central County Solid Waste Disposal Complex
Name of Owner: Sarasota County
Name of Engineer: Camp Dresser & McKee
Type of Project: New Class I Landfill, Waste Tire Storage/Processing, Yard Trash Composting, and Leachate System.
Cost: Estimate \$ 34,144,580 Actual \$ 30,689,613
Site Design: Quantity: Approx. 1,500 ton/day Site Acreage: Approx. 550 Acres
Deviations from Plans and Application Approved by DEP: _____
Please reference Attachment 1.

Address and Telephone No. of Site: 4000 Knights Trail Road
Nokomis, FL 34275 (941) 486-2600

Name(s) of Site Supervisor: Gary Bennett (Sarasota County), Ed Norris (Chambers)

Date Site inspection is requested: Open

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Original 10/12/93
Modified 03/01/95
Modified 02/06/97

Permit No.: SC58-214931 Dated: _____

Date: May 22, 1998

Thomas G. Walker
Signature of Professional Engineer
Thomas G. Walker, P.E. FL# 31462

ATTACHMENT 1

DEVIATIONS FOR CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX

On April 28, 1998, Sarasota County, Camp Dresser and McKee, and Hubbard Construction Company conducted an on-site inspection for determining substantial completion. In conjunction with this site visit, a remaining "punch-list" of items was developed documenting items on-site which required the Contractor's attention to complete. On May 1, 1998, the "punch list" was transmitted to the Contractor. A copy of the remaining items as noted in the May 1, 1998 letter is attached for the record. The Contractor is proceeding with repairs and corrections for these items. Aside from the items currently being addressed by the Contractor, deviations noted for the project are as follows:

1. Topsoil was not removed from all 550 acres as originally planned. Topsoil was removed in critical areas including the landfill cells, roads, and major structures.
2. Distances between liner seam testing were revised to 36 inches as approved by FDEP August 26, 1996.
3. The drainage net was changed from two layers of geonet with two strands in each layer to one layer of geonet with three strands as approved by FDEP September 25, 1996.
4. Water from the storm water ponds was used for wetting clay during construction as approved by FDEP February 3, 1997.
5. The leachate handling facilities originally permitted was changed and permitted under FDEP modification 258964 on 02/06/97.
6. The cell divider berm was modified from original design as approved by FDEP on April 28, 1997.
7. The site plan was modified where the waste tire area was relocated closer to the Class I Landfill for operator benefit approved by FDEP under WT58-301584 on July 2, 1997.
8. The site plan was modified where the yard waste area was relocated closer to the Class I landfill for operator benefits approved by FDEP under SO58-299180 on 07/30/97.
9. The anchor trenches were modified as approved by FDEP in September, 1997.

10. Testing of sand drainage layer was modified reducing testing two samples for permability and two sieve analyses per cell based on the high quality of material as approved by FDEP on January 16, 1998.
11. The waste tire berm was modified and sodded for erosion control. Permission was obtained from FDEP in March, 1998.
12. Rocks greater than ½ inch and visible during clay preparation, compaction, and final clay surface were removed as approved by FDEP October 22, 1998.

Several minor changes were made during construction which do not effect the landfill construction or operations. These minor changes are as follows:

- a. Littoral shelves in Storm water Ponds 1, 2, and 3 were lowered from the design elevation to better accommodate dry seasonal hydroperiods.
- b. Slight realignments in the road located North of the C & D area were made in order to avoid the edge of a nearby wetland.
- c. Minor adjustments to accommodate actual field conditions were made to storm water structures such as wingwall alignments, spreader swale grades, additional fabriform erosion control materials at various structures throughout the site.
- e. Widening of entrance access gates into the scale area to accommodate future operations.
- f. Various signage changes and incidentals.

CDM

Camp Dresser & McKee Inc.

consulting
engineering
construction
operations1819 Main Street, Suite 1002
Sarasota, Florida 34243
Tel: 941 363-9696 Fax: 941 363-0089**FAXED**
5-1-98

May 1, 1998

Mr. Bruce Baker
Hubbard Construction Company
105 N. Falkenburg Road, Suite D
Tampa, Florida 33619Subject: Sarasota County, Florida
Central County Solid Waste Disposal Complex
Landfill Site Work
CDM Project No. 9250-58B
Remaining Punch List Items

Dear Mr. Baker:

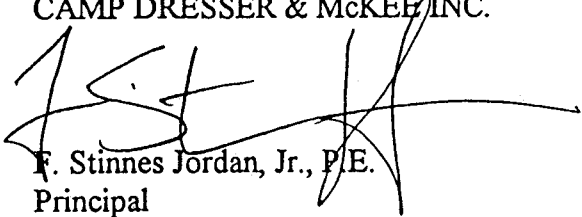
We have attached the punch list items remaining to be completed as a result of our inspection, held on April 28, 1998. We are providing you this list as promised in order to assist you in expediting completion of the project. We intend to attach this list to the Certificate of Substantial Completion, once we have established that date.

Please advise us of your schedule to complete these remaining items.

If you should have any questions, please do not hesitate to contact us.

Yours very truly,

CAMP DRESSER & MCKEE INC.


F. Stinnes Jordan, Jr., P.E.
Principalcc: Paul Wingler, CCSWDC
Tom Walker, CDM
John Banks, CDM
Laura Andrews, CDM
Vipin Pangasa, CDM
Norm Trainor, CDM
File: 9250-58B/G101FSJ:jmp
HUBA98S.35

**SARASOTA COUNTY, FLORIDA
CCSWDC LANDFILL SITE WORK
COUNTY BID NO. 4170L
CDM PROJECT NO. 9250-58B**

FINAL WALK-THROUGH

April 28, 1998

A walk-through inspection of the Landfill Site Work Project was performed on April 28, 1998.
Those in attendance were:

Don Shaulis	Sarasota County
Bruce Baker	Hubbard Construction
Scott Bennett	Camp Dresser & McKee
John Banks	Camp Dresser & McKee
Stinnes Jordan	Camp Dresser & McKee

PUNCH LIST ITEMS REMAINING

Storm water Pond No. 1 Outfall Structure - The ground has subsided immediately behind the fabriform, and flow paths are evident. These holes should be pumped with grout as a minimum correction.

Internal Base Roadways - The unpaved road just north of the waste tire area should receive a tack coat from the intersection with the paved road, east to just past the extent of the waste tire area.

Class-I Area - Perimeter "Rain Flap" - The following deficiencies were noted:

1. Along the west side of Cell No. 5, eight locations were found where repairs to tears and/or cuts in the flap were not complete. Near the south end of the west side, the end of the flap is very low and should be extended to adequately extend above the finished grade.
2. The south end of Cell No. 5 is also very low, with only a couple of inches of flap extending above grade. Additionally, four locations west of the clean-out were found to be torn/cut or inadequately repaired.
3. At the south end of Cell No. 4, one location west and one location east of the clean-out were found to be torn or cut.
4. At the south end of Cell No. 3, one location east of the clean-out was found to be torn or cut.
5. At the south end of Cell No. 2, one location west of the clean-out was found to be torn or cut.
6. At the south end of Cell No. 1, two locations west of the clean-out were found to be torn or cut.
7. At the north end of Cell No. 1, one location near the northeast corner was found to be torn or cut, and two locations west of the pump station were found to be torn or cut. Also an area east of the pump station was found to be very low - the flap needs to be extended.

8. At the north end of Cell No. 3, three locations were found to be torn, cut or inadequately repaired. Also two locations were found to be low. All of these locations are west of the pump station.
9. At the north end of Cell No. 4, one location was torn or cut near the east end, and two locations were torn or cut west of the pump station. Also an area east of the pump station was found to be low and in need of extension.
10. At the north end of Cell No. 5, two locations east of the pump station and one location west of the pump station were found to be torn, cut or inadequately repaired.

Site Work - The swale on the east side of Cell No. 1 shall be cleaned of debris (mostly clods of clay).

A portion of the swale north of Cell No. 4, west of the pump station, shall be repaired.

Seed and Mulch, yet to Produce Grass - The following areas must have ground cover per the specifications:

- West of Class-I Area
- Borrow Stockpile Area
- Borrow Pit No. 3
- Former YWCA
- New YWCA

Areas where Sod Is Brown - The sod in the following areas must be determined to be alive and healthy per the specifications.

- North berm - cells
- Sections of east berm - cells
- Resodded areas where "washouts" have been repaired throughout the site
- Sod along edge of base - Borrow Pit No. 1 access road.

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

FAXED

Date:

2/13/98

Number of pages including cover sheet:

2

To:

Jean Banks
Jippen

Phone:

941 357100

Fax phone:

941 3555311

CC:

From:

Kim

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☐ Reply ASAP

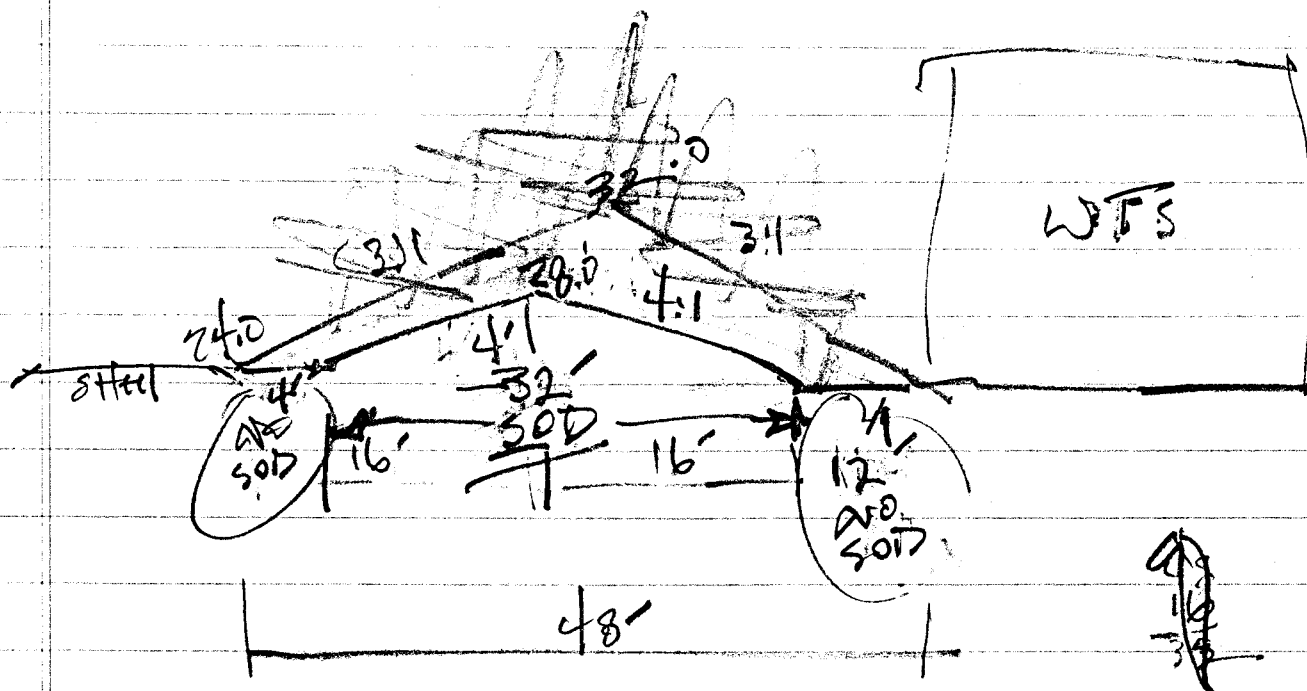
☐ Please comment

SAZASOTA W9 SITE

JUST AN IDEA -

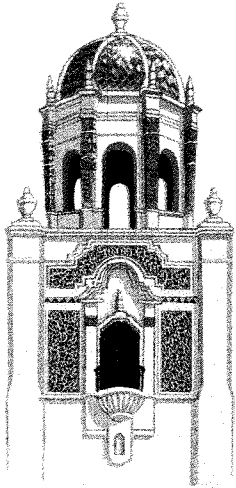
LETS TALK NEXT WK - TAX

Kim



Transmit Confirmation Report

No. : 001
Receiver : 8-1-941-355-5311
Transmitter : WASTE MGT TAMPA SWDIST
Date : Feb 13 98 10:27
Time : 00:57
Mode : Norm
Pages : 02
Result : OK



**SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA**

**Solid Waste Department
Operations Division**

**RECEIVED
JUL 07 1997
D E P**

8350 Bee Ridge Road
Sarasota, Florida 34241
Telephone (941) 316-1166
FAX (941) 316-1167

July 1, 1997

Certified Mail Receipt No. P 261 684 621

Kim Ford, P. E.
Department of Environmental Regulation
Solid Waste Division
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Dear Mr. Ford:

The following data is submitted as requested.

- Cost proposal from Meyer & Gabbert Excavating Contractor, Inc.
regarding the loading and hauling of 650 tons of waste tires.
Cost \$22,550.00
- Landfill rates from Manatee County Solid Waste Department
noting their disposal fee of \$147/ton.
Cost \$95,550.00
- A copy of Financial Assurance Cost Estimate, page 6 of 11,
revised 7/1/97.

A hard copy of the Cost Estimate will be submitted to Susan Pelz of your department. Thank you for your cooperation.

Yours very truly,

PAWingler
Paul A. Wingler, P.E.

PAW:gkb

cc: Tim Lawrence, Manger, Solid Waste Operations

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL**
-------------	------	----------	-----------	---------

15. Site Specific Costs (explain):

Waste Tire Facility (if applicable) \$118,050

Materials Recovery 150,000

Subtotal Site Specific Costs \$268,050

16. Contingency 5.0 % of Total 18,766,350 938,317

TOTAL CLOSING COSTS \$19,704,668

CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility, and comply with the requirements of Florida Administrative Code (FAC), Rule 17-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be revised and submitted to the Department annually as required by FAC 17-701.630(4).

Paul A. Wingler
Signature

Central County Solid Waste Disposal Complex
Company Name

Paul A. Wingler
Name and Title (please type)

8350 Bee Ridge Road
Mailing Address

PE# 0012350
Florida Registration Number (please affix seal)

Sarasota, FL 34241
City, State, Zip Code

941-316-1166
Telephone Number

Date: May 15, 1997 Rev. July 1, 1997

*4F 1w Bid Proposal
4F 3w Waste Side Correspondence
(New File)*

Meyer & Gabbert Excavating Contractors Inc

8491 Boleyn Road - Sarasota FL - phone 941/377-5370 - fax 941/378-0844

Recycling Facility - 8350 BeeRidge Road Sarasota, Florida 34240

Sarasota Co. Landfill - phone **941/371-0507**

ATTN: Paul Wingler

Meyer & Gabbert Recycling is pleased to quote Sarasota County the following service.

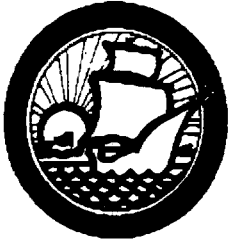
1. To load and haul 650 tons of tires from Central County Landfill to the Manatee County Landfill.

Cost: \$22,500.00

Recycling or Disposal fee is to be paid for by Sarasota County.

Thank You,


James F. Gabbert
President



MANATEE COUNTY GOVERNMENT

Public Works Department

LANDFILL HOURS

Monday through Saturday

8 a.m. To 5 p.m.

LANDFILL RATES

All Automobiles without Trailers	\$5.00
Commercial/All other Vehicles	\$23/per ton/\$11.50 minimum
Tires	\$73.50/per ton/\$36.80 minimum

Manatee County Reserves the Right to Weigh Any Vehicle

All rates are double the above listed rates for Out-of-County vehicles and for either uncovered loads or loads insufficiently protected against loss during transport, and vehicle which bears an expired license to transport decal.

LANDFILL HOLIDAYS

New Year's Day

Memorial Day

Independence Day

Thanksgiving Day

Christmas Day

Please contact Lena Road Landfill for procedures regarding ASBESTOS containing materials. ASBESTOS is accepted from Manatee County Only.



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

NOTICE OF PERMIT

JUL - 2 1997

Sarasota County
Solid Waste Department
Mr. David Bullock, Director
1660 Ringling Boulevard
Sarasota, FL 34236

Dear Mr. Bullock:

Enclosed is the Waste Tire Permit Number WT58-301584 issued pursuant to Section(s) 403.087(1), Florida Statutes.

A person whose substantial interests are affected by the Department's proposed agency action may file a timely petition for an administrative hearing under sections 120.569 and 120.57 of the Florida Statutes, or may choose to pursue mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth below.

A person may pursue mediation by reaching a mediation agreement with all parties to the proceeding (which include the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The names, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;
- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;

JUL - 2 1997

Sarasota County Solid Waste Department

Mr. David Bullock

Page Two

Permit No.: WT58-301584

(e) The date, time, and place of the first mediation session, or a deadline for holding the first session, of no mediator has yet been chosen;

(f) The name of each party's representative who shall have authority to settle or recommend settlement; and

(g) Either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference.

(h) The signatures of all parties or their authorized representatives.

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 requesting and holding an administrative hearing. 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 whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that they will apply for challenging the agency action and electing remedies under those two statutes.

The petition for an administrative hearing must conform to the requirements of Chapters 62-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400, within fourteen (14) days of receipt of this notice. Failure to file a petition within fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

Sarasota County Solid Waste Department JUL - 2 1997
Mr. David Bullock Page Three
Permit No.: WT58-301584

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

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



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

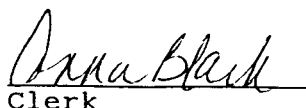
KBF/ab
Attachment

cc: Timothy Lawrence, P.E., Sarasota County
John Banks, P.E., CDM
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa
Bill Parker, FDEP Tallahassee

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on JUL - 2 1997 to the listed persons.

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


Clerk

JUL - 2 1997
Date

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

28-5.201 Initial of Formal Proceedings..

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Law Implemented: 120.57, F.S.

History: New 3-23-80



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Sarasota County
Solid Waste Department
c/o Mr. David Bullock, Director
1660 Ringling Boulevard
Sarasota, FL 34236

PERMIT/CERTIFICATION

GMS ID No.: 4058C02034
Permit No.: WT58-301584
Date of Issue: 07/02/1997
Expiration Date: 07/01/2002
County: Sarasota
Lat/Long: 27°12'00"N
82°23'00"W
Sec/Town/Rge: 1-4, 9-16/38S/19E
Project: Sarasota Central
Waste Tire Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-711. 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 operate a waste tire processing facility (approximately 2 acres), referred to as the Sarasota Central Waste Tire Facility, subject to the specific conditions attached, for storing and processing waste tires, located in the vicinity of the Class I Landfill, at the north end of Knights Trail Road, 2 miles east of I-75, 2 miles northeast of Venice, Sarasota County, Florida. The specific conditions attached are for the operation of:

1. Waste Tire Processing Facility

Replaces Permit No.: N/A, initial operation - is not renewal.

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 403.859 through 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 personal 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:

- () Determination of Best Available Control Technology BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- () 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.

GENERAL CONDITIONS:

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

GENERAL CONDITIONS:

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

- (a) The following reports shall be submitted to the Department:
 - 1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
 - 2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
 - 3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.
- (b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:
 - 1. A description and cause of the noncompliance.
 - 2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.
- (c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.
- (d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

SPECIFIC CONDITIONS:

1. **Classification.** This site shall be classified as a waste tire processing facility and shall be operated and closed in accordance with all applicable requirements of Chapters 62-4 and 62-711, Florida Administrative Code (F.A.C.).
2. **Permit Application Documentation.** This permit is valid for operation of the waste tire processing facility in accordance with the reports, plans and other information as follows:
 - February 1997 Operation Permit Application for the Waste Tire Processing Facility received on February 21, 1997;
 - and in accordance with all applicable requirements of Department rules. Items required for compliance with the current construction permit, including but not limited to receipt and approval of Certification of Construction Completion with record drawings, and proof of financial assurance, shall be provided prior to operation.
3. **Permit Modifications.** 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. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require 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 the Department permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-4.070(4).
5. **Prohibitions.** The prohibitions of F.A.C. Rule 62-711.400 shall not be violated.
6. **Financial Assurance.** The permittee shall maintain compliance with the financial responsibility requirements of F.A.C. Rule 62-711.510(3), either separately or as part of the financial assurance specified in the current landfill operation permit, **annually** by September 1st.

SPECIFIC CONDITIONS:

7. **Processing and Storage Requirements.** All waste tires shall be processed and stored in accordance with F.A.C. 62-711.530 and 62-711.540, and the February 1997 Operation Permit Application for the Waste Tire Processing Facility received on February 21, 1997. Storage at the processing facility is limited to 650 tons of waste tires, and shall comply with the requirements of FAC Rule 62-711.530. At least 75 percent of the whole tires, used tires, and processed tires that are delivered to or are contained on the site of the waste tire processing facility at the beginning of each calendar year shall be processed or removed for disposal or recycling from the facility during the year, or disposed of at a permitted solid waste management facility.
8. **Reporting Requirements.** Waste Tire Processing Facility Quarterly Report, Form #62-711.900(4) attached summarizing facility operations shall be submitted quarterly to the Department by January 20th, April 20th, July 20th, and October 20th, pursuant to FAC Rule 62-711.530(5).
9. **Fire Safety Survey.** A fire safety survey shall be conducted at least annually and the survey report shall be made available to the Department upon request.
10. **Stormwater System Management.** Stormwater shall be managed as required by F.A.C. 62-711.540(3)(a). The site shall be managed to divert stormwater around and away from the storage piles.
11. **Emergency Preparedness Manual.** A copy of the facility's emergency preparedness manual shall be kept at the site and a copy shall be kept at an off-site location.
12. **Control of Nuisance Conditions.** The owner or operator shall control mosquitoes and rodents as so to protect the public health and welfare. The operating authority shall be responsible for the control of odors and fugitive particulates arising from this operation. 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 corrective action to abate the nuisance.
13. **Facility Maintenance and Repair.** The site shall be properly maintained including minimized grass, underbrush and other flammable vegetation, prevention of ponding, and maintenance of berms and other systems designed to protect water bodies from liquid runoff from a potential waste tire fire. In the event of damage to any portion of the waste tire site, fire, or failure of any portion of the waste tire processing or storage systems, the permittee shall immediately (**within 24 hours**) notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department within **seven (7) days** following the occurrence.

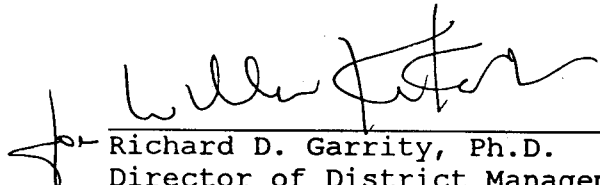
PERMITTEE: Sarasota County
PROJECT: Sarasota Central Waste Tire Facility

PERMIT NO.: WT58-301584

SPECIFIC CONDITIONS:

14. **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.
15. **Closure.** The facility shall be closed in accordance with the requirements of FAC Rule 62-711.700. The waste tire processing facility owner or operator shall notify the Department at least **ninety (90) days** prior to the date when tires will no longer be accepted for storage or processing, as required by F.A.C. 17-711.700(2).
16. **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.
17. **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.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



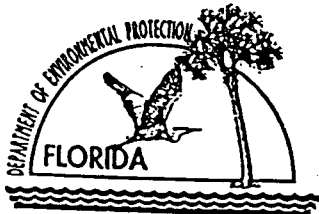
Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

PERMITTEE: Sarasota County
PROJECT: Sarasota Central Waste Tire Facility

PERMIT NO.: WT58-301584

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration	Permit renewal application
6.	Annually, by September 1st	Financial assurance
8.	Quarterly, by January 20th, April 20th, July 20th, October 20th	Operational records
15.	90 days prior to final acceptance of waste	Notification of closure



Department of Environmental Protection

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

DEP Form # 62-711.900(4)

Form Title Waste Tire Processing Facility Quarterly Report

Effective Date February 28, 1994

DEP Application No. _____

(Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report: _____ (First quarter begins on January 1 of any given year)

1. Facility name: _____
2. Facility mailing address: _____
City: _____ County: _____ Zip: _____
3. Facility permit number: _____
4. Facility telephone number: () _____
5. Authorized person preparing report: _____
6. Affiliation with facility: _____
7. Telephone number (if different from above): () _____
8. Activity: Report in tons.

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires							
Other whole tires							
Processed tires							
Processing Waste							
Other							
Total							

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved? _____
For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach additional sheets, if necessary. _____
9. Certification: _____

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate and complete.

Name of Authorized Agent _____

Signature of Authorized Agent _____

Date _____

Mail complete form to
the appropriate district office
Page 1 of 1

APPLICATION TRACKING SYSTEM

07/07/97

APPL NO:301584

APPL RECVD:02/21/97 TYPE CODE:WT SUBCODE:02

LAST UPDATE:07/07/97

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:___ APPLICATION COMPLETE:04/09/97

DER PROCESSOR:FORD

APPL STATUS:IS DATE:07/02/97 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

RELIEF:___ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING

DISTRICT:40 COUNTY:58

(Y/N) N OGC HEARING REQUESTED

LAT/LONG:27.12.00/82.23.00

(Y/N) N PUBLIC NOTICE REQD?

BASIN-SEGMENT:___

(Y/N) N GOV BODY LOCAL APPROVAL REQD?

CDE #:_____

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

ALT#:_____

PROJECT SOURCE NAME:CENTRAL CO SOLID WASTE DISPOSAL FAC

STREET:N/E KNIGHTS TRAIL RD

CITY:MA

STATE:FL

ZIP:_____

PHONE:_____

APPLICATION NAME:SARASOTA CO SOLID WASTE DEPT

STREET:1660 RINGLING BLVD4TH FLOOR

CITY:SARASOTA

STATE:FL

ZIP:34236

PHONE:941-364-4400

AGENT NAME:CAMP DRESSER & MCKEE INC

STREET:201 MONTGOMERY AVE

CITY:SARASOTA

STATE:FL

ZIP:34243

PHONE:941-351-7100

FEE #1 DATE PAID:02/21/97

AMOUNT PAID:01250

RECEIPT NUMBER:00122939

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - - / / /
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / / /
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. - - - - - / / /
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 03/20/97--04/09/97
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
F DATE LAST 45 DAY LETTER WAS SENT - - - - - / / /
G DATE FIELD REPORT WAS REQ--REC - - - - - / / /
H DATE DNR REVIEW WAS COMPLETED - - - - - / / /
I DATE APPLICATION WAS COMPLETE - - - - - 04/09/97
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - - / / /
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - - / / /
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - / / /
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - - / / /
N WAIVER DATE BEGIN--END (DAY 90) - - - - - / / /

COMMENTS:

AREA: SWD_____

Cash Receiving Application
Collection Point Log Remittance

CRAF006A
Tot: \$1,250.00

-----+-----
 SYS\$REMT: 155427 Type: CP Recved Date: 21-FEB-1997 Status: RECEIVED
 SYS\$RCPT: 122939 PNR: Check #: 581232 Amount: 1,250.00
 SSN/FEI#: Name: SARASOTA CO BD_OF_CO_COMM
 First: Middle: Title: Suf:
 Address1: 1660_RINGLING_BLVD,_4TH_FLOOR Short Comments:
 Address2: L-CTRL_CO_SOLID_WASTE_DIS
 City: SARASOTA ST: FL Zip: 34236- Country: -----+-----

-----> P A Y M E N T (S) <-----

	Distr	Object	Payment	Reference#	Applic/	S
	CL	Code/Description.....	Amount.....		Fund	T
SYSPAYT	Area..					A
160299	SWD	002207 WASTE_TIRE-PROC	\$1,250.00	WT58301584	SWMTF	CO

-----+-----
 COMMIT FREQUENTLY \$1,250.00 Payment total

Press <TAB> to accept Collection Point or enter F&A.

Count: *1

<Replace>

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: LN RICK GARRITY, DDM
WILLIAM KUTASH, ENV. ADM.
OGC, ATTN: _____

FROM/THROUGH:

_____, ENVIRONMENTAL ADMINISTRATOR
_____, PROGRAM SUPERVISOR
BOB BUTERA 6/15/91, SECTION SUPERVISOR
Kim Ford 6/11/91, ENG, ENV SPEC, GEOLOGIST

DATE: 7/1/91

FILE NAME: SARASOTA WASTE TIRE FACILITY CASE #: WTEB-30/584
PROGRAM: SOLID WASTE COUNTY: SARASOTA

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

PUBLIC NOTICE PERIOD CLOSED? _____
PETITION? _____ RELEASED BY OGC? _____

PERMIT SUMMARY: THIS PERMIT ALLOWS STORAGE
OF UP TO 650 TONS OF WASTE TIRES AT
THE NEW SARASOTA CENTRAL LANDFILL

PROFESSIONAL RECOMMENDATION: ☒ APPROVE ☐ DENY

EVALUATION SUMMARY: I RECOMMEND THIS
PERMIT BASED ON A REVIEW OF
RELATED SITE PLANS AND RELATED
CORRESPONDENCE

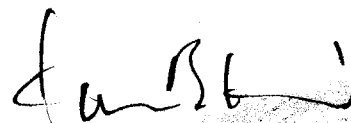
DAY 90/30 FOR THIS ACTION IS ASAP 7/1/91

CERTIFICATION

Application No.

WTE8-301584

I HEREBY CERTIFY that the engineering features described in the above referenced application (provide / [REDACTED]) reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 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)

2/1/97

(Date)

(Seal)

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL**
-------------	------	----------	-----------	---------

15. Site Specific Costs (explain):

Waste Tire Facility (if applicable)OK \$ 7/1/97
\$118,050Materials Recovery

150,000

Subtotal Site Specific Costs

\$268,050

16. Contingency 5.0

% of Total 18,766,350

938,317

TOTAL CLOSING COSTS

\$19,704,668

CERTIFICATION BY ENGINEER

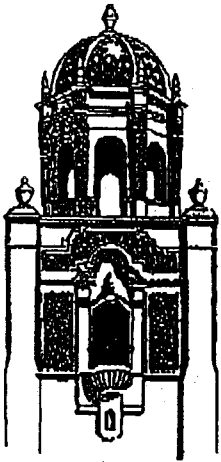
This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility, and comply with the requirements of Florida Administrative Code (FAC), Rule 17-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be revised and submitted to the Department annually as required by FAC 17-701.630(4).

Signature

PAWingler

Central County Solid Waste Disposal Complex
Company NamePaul A. Wingler
Name and Title (please type)8350 Bee Ridge Road
Mailing AddressPE# 0012350
Florida Registration Number (please affix seal)Sarasota, FL 34241
City, State, Zip Code941-316-1166
Telephone Number

Date: May 15, 1997 Rev. July 1, 1997



SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA

Solid Waste Department
Operations Division

8350 Bee Ridge Road
Sarasota, Florida 34241
Telephone (941) 316-1166
FAX (941) 316-1167

FACSIMILE COVER SHEET

TO:

DEP

ATTN:

Kim Pond

FAX NO.

813-744-~~8884~~ 6125

FROM:

P. Wingler
Solid Waste Operations

DATE:

7/1/97

This document has a total of 5 pages, including this sheet.
Please notify me if you do not receive all pages.

REFERENCE:

COMMENTS:

ACTION REQUESTED:

If you don't receive all let me
know
Janice



DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL**
-------------	------	----------	-----------	---------

15. Site Specific Costs (explain):

Waste Tire Facility (if applicable) \$118,050

Materials Recovery 150,000

Subtotal Site Specific Costs \$268,050

16. Contingency 5.0 % of Total 18,766,350 938,317

TOTAL CLOSING COSTS \$19,704,668

CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility, and comply with the requirements of Florida Administrative Code (FAC), Rule 17-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be revised and submitted to the Department annually as required by FAC 17-701.630(4).

Signature

PAWingler

Central County Solid Waste Disposal Complex
Company Name

Paul A. Wingler
Name and Title (please type)

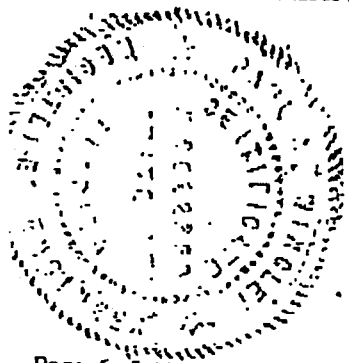
8350 Bee Ridge Road
Mailing Address

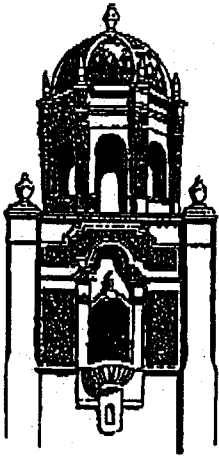
PE# 0012350
Florida Registration Number (please affix seal)

Sarasota, FL 34241
City, State, Zip Code

941-316-1166
Telephone Number

Date: May 15, 1997 Rev. July 1, 1997





**SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA**

**Solid Waste Department
Operations Division**

July 1, 1997

8350 Bee Ridge Road
Sarasota, Florida 34241
Telephone (941) 316-1166
FAX (941) 316-1167

Certified Mail Receipt No. P 261 684 621

Kim Ford, P. E.
Department of Environmental Regulation
Solid Waste Division
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Dear Mr. Ford:

The following data is submitted as requested.

- Cost proposal from Meyer & Gabbert Excavating Contractor, Inc.
regarding the loading and hauling of 650 tons of waste tires.
Cost \$22,550.00
- Landfill rates from Manatee County Solid Waste Department
noting their disposal fee of \$147/ton.
Cost \$95,550.00
- A copy of Financial Assurance Cost Estimate, page 6 of 11,
revised 7/1/97.

A hard copy of the Cost Estimate will be submitted to Susan Pelz of your department. Thank you for your cooperation.

Yours very truly,

PAWingler
Paul A. Wingler, P.E.

PAW:gkb

cc: Tim Lawrence, Manager, Solid Waste Operations

Jul-01-97 01:18P Meyer & Gabbert-Recycling 941-371-8721

4F 4w Bill Proposals
4F 3w Waste Site Cleanup
(New File)

Meyer & Gabbert Excavating Contractors Inc

8491 Boleyn Road - Sarasota FL - phone 941/377-5370 - fax 941/378-0844

Recycling Facility - 8350 BeeRidge Road Sarasota, Florida 34240

Sarasota Co. Landfill - phone 941/371-0507

ATTN: Paul Wingler

Meyer & Gabbert Recycling is pleased to quote Sarasota County the following service.

1. To load and haul 650 tons of tires from Central County Landfill to the Manatee County Landfill.

Cost: \$22,500.00

Recycling or Disposal fee is to be paid for by Sarasota County.

Thank You,


James F. Gabbert
President



MANATEE COUNTY GOVERNMENT

Public Works Department

LANDFILL HOURS

Monday through Saturday

8 a.m. To 5 p.m.

LANDFILL RATES

All Automobiles without Trailers	\$5.00
Commercial/All other Vehicles	\$23/per ton/\$11.50 minimum
Tires	\$73.50/per ton/\$36.80 minimum

Manatee County Reserves the Right to Weigh Any Vehicle

All rates are double the above listed rates for Out-of-County vehicles and for either uncovered loads or loads insufficiently protected against loss during transport, and vehicle which bears an expired license to transport decal.

LANDFILL HOLIDAYS

New Year's Day

Memorial Day

Independence Day

Thanksgiving Day

Christmas Day

Please contact Lena Road Landfill for procedures regarding ASBESTOS containing materials. ASBESTOS is accepted from Manatee County Only.

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

FAXED

Date:

2/1/97

Number of pages including cover sheet:

6

To:

PAUL WINGLER

SARASOTA COUNTY

Phone:

(941) 316 1166

Fax phone:

(941) 316 1167

CC:

From:

Kim Foad

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☒ Reply ASAP

☐ Please comment

DRAFT WASTE TIRE PERMIT
FOR SARASOTA CENTRAL

IF OLC JUST CALL

THX

Kim

Transmit Confirmation Report

No.	:	020
Receiver	:	8-1-941-316-1167
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Jul 01 97 15:39
Time	:	03'00
Mode	:	Norm
Pages	:	06
Result	:	OK

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

FAXED ✓

Date:

7/1/97

Number of pages including cover sheet:

6

To:

John Banks

CDM

Phone:

(941) 3511100

Fax phone:

(941) 3555311

CC:

From:

Kim Ford

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☒ Reply ASAP

☐ Please comment

DRAFT WASTE TIRE PERMIT
FOR SARASOTA CENTRAL

OK REVIEW WITH SARASOTA COUNTY
ASAP AND LET ME
KNOW IF OK BY PHONE.

THX
Kim

(GENERAL CONDITIONS NOT FAXED
AND ARE THE SAME FOR ALL PERMITS)

Transmit Confirmation Report

No.	:	019
Receiver	:	8-1-941-355-5311
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Jul 01 97 15:35
Time	:	03'02
Mode	:	Norm
Pages	:	06
Result	:	OK



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

DRAFT

PERMITTEE

Sarasota County
Solid Waste Department
c/o Mr. David Bullock
Director
1660 Ringling Boulevard
Sarasota, FL 34236

PERMIT/CERTIFICATION

GMS ID No.: 4058C02034
Permit No.: WT58-301584
Date of Issue:
Expiration Date: 07/01/2002
County: Sarasota
Lat/Long: 27°12'00"N
82°23'00"W
Sec/Town/Rge: 1-4, 9-16/38S/19E
Project: Sarasota Central
Waste Tire Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-711. 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 operate a waste tire processing facility (approximately 5 acres), referred to as the Sarasota Central Waste Tire Facility, subject to the specific conditions attached, for storing and processing waste tires, located in the vicinity of the Class I Landfill, at the north end of Knights Trail Road, 2 miles east of I-75, 2 miles northeast of Venice, Sarasota County, Florida. The specific conditions attached are for the operation of:

1. Waste Tire Processing Facility

Replaces Permit No.: N/A, initial operation - is not renewal.

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

DRAFT

SPECIFIC CONDITIONS:

1. **Classification.** This site shall be classified as a waste tire processing facility and shall be operated and closed in accordance with all applicable requirements of Chapters 62-4 and 62-711, Florida Administrative Code (F.A.C.).
2. **Permit Application Documentation.** This permit is valid for operation of the waste tire processing facility in accordance with the reports, plans and other information as follows:
 - February 1997 Operation Permit Application for the Waste Tire Processing Facility received on February 21, 1997;
 - and in accordance with all applicable requirements of Department rules. Items required for compliance with the current construction, including but not limited to receipt and approval of Certification of Construction Completion with record drawings, and proof of financial assurance, shall be provided prior to operation.
3. **Permit Modifications.** 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. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require 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 the Department permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-4.070(4).
5. **Prohibitions.** The prohibitions of F.A.C. Rule 62-711.400 shall not be violated.
6. **Financial Assurance.** The permittee shall maintain compliance with the financial responsibility requirements of F.A.C. Rule 62-711.510(2), either separately or as part of the financial assurance specified in the current landfill operation permit, **annually** by September 1st.

SPECIFIC CONDITIONS:

DRAFT

7. **Processing and Storage Requirements.** All waste tires shall be processed and stored in accordance with F.A.C. 62-711.530 and 62-711.540, and the February 1997 Operation Permit Application for the Waste Tire Processing Facility received on February 21, 1997. Storage at the processing facility is limited to 650 tons of waste tires, and shall comply with the requirements of FAC Rule 62-711.530. At least 75 percent of the whole tires, used tires, and processed tires that are delivered to or are contained on the site of the waste tire processing facility at the beginning of each calendar year shall be processed or removed for disposal or recycling from the facility during the year, or disposed of at a permitted solid waste management facility.
8. **Reporting Requirements.** Waste Tire Processing Facility Quarterly Report, Form #62-711.900(4) attached summarizing facility operations shall be submitted **quarterly** to the Department by January 20th, April 20th, July 20th, and October 20th, pursuant to FAC Rule 62-711.530(5).
9. **Fire Safety Survey.** A fire safety survey shall be conducted at least annually and the survey report shall be made available to the Department upon request.
10. **Stormwater System Management.** Stormwater shall be managed as required by F.A.C. 62-711.540(3)(a). The site shall be managed to divert stormwater around and away from the storage piles.
11. **Emergency Preparedness Manual.** A copy of the facility's emergency preparedness manual shall be kept at the site and a copy shall be kept at an off-site location.
12. **Control of Nuisance Conditions.** The owner or operator shall control mosquitoes and rodents as so to protect the public health and welfare. The operating authority shall be responsible for the control of odors and fugitive particulates arising from this operation. 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 corrective action to abate the nuisance.
13. **Facility Maintenance and Repair.** The site shall be properly maintained including minimized grass, underbrush and other flammable vegetation, prevention of ponding, and maintenance of berms and other systems designed to protect water bodies from liquid runoff from a potential waste tire fire. In the event of damage to any portion of the waste tire site, fire, or failure of any portion of the waste tire processing or storage systems, the permittee shall immediately **(within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

SPECIFIC CONDITIONS:

DRAFT

14. **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.

15. **Closure.** The facility shall be closed in accordance with the requirements of FAC Rule 62-711.700. The waste tire processing facility owner or operator shall notify the Department at least **ninety (90) days prior** to the date when tires will no longer be accepted for storage or processing, as required by F.A.C. 17-711.700(2).

16. **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.

17. **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.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

DRAFT

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

PERMITTEE: Sarasota County
PROJECT: Sarasota Central Waste Tire Facility

PERMIT NO.: WT58-301584

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration	Permit renewal application
6.	Annually, by September 1st	Financial assurance
8.	Quarterly, by January 20th, April 20th, July 20th, October 20th	Operational records
15.	90 days prior to final acceptance of waste	Notification of closure

DRAFT



Camp Dresser & McKee Inc.

consulting
engineering
construction
operations

201 Montgomery Avenue
Sarasota, Florida 34243
Tel: 941 351-7100 Fax: 941 355-5311



April 7, 1997

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Subject: Central County Solid Waste Disposal Complex
Waste Tire Processing Facility
Pending Permit No.: WT58-301584, Sarasota County

RECEIVED

APR 09 1997

DEP

Dear Mr. Ford:

We are in receipt of your letter dated March 20, 1997, addressed to David Bullock, Sarasota County Solid Waste Director, regarding the Operation Permit Application for the Waste Tire Processing Facility located at the Central County Solid Waste Disposal Complex.

Through this submittal, we have addressed the issues raised in the above referenced letter. The information requested to complete the application for an operation permit is detailed in the response to each comment as included below:

Comment No. 1 (62-711.500(3)):

Cost estimates for waste tire site closure and proof of financial assurance.

Response No. 1:

As indicated in Section 8.0 of Attachment B (Facility Operation) of the Operation Permit Application, per 62-711.510(2)(b) F.A.C. landfills which meet the financial assurance requirements of 62-701.630, F.A.C. are not required to submit separate closing cost estimates or financial assurance documents. However, a closing cost estimate for the Waste Tire Processing Facility has been provided in Section 8.0.

Comment No. 2 (62-711.540(1)(e) and (f)):

Procedures for cleanup of all soil that contains liquid from a waste tire fire and immediately notifying DEP in event of a waste tire fire.

Mr. Kim Ford, P.E.
April 7, 1997
Page 2

Response No. 2:

The procedure to be followed for cleanup of any residual from a fire at the tire storage area is described on page 5 of the Standard Operating Procedures, Appendix A of Attachment B of the Operation Permit Application. It states that Sarasota County will engage an emergency response contractor for the purpose of cleanup of any residue which may result from a fire in the tire storage area.

FDEP notification in the event of a fire or other emergency is described in Section 1.0(1)(f) of Attachment B of the Operation Permit Application. Within three days of a fire, the Waste Tire Processing Facility operator will notify FDEP of the facts of the fire and within two weeks a full written report will be submitted.

Comment No. 3 (62-711.540(3)(e):

✓ Procedures for use of soil to berm access into storage area, and the purpose of the discharge pipe from the area and procedure to prevent its discharge during a fire.

Response No. 3:

✓ Soil is stockpiled at the Central County Solid Waste Disposal Complex (CCSWDC) to be utilized in the day-to-day operation of the Class I landfill. The soil stockpile is located approximately 1,500-2,000 feet from the Waste Tire Processing Facility (as shown in Figure No. G-5 of Attachment A of the Operations Permit Application). Proposed equipment at the CCSWDC includes bulldozers, articulated dump truck, pan-scraper and front-end loaders. In the event of a fire at the Waste Tire Processing Facility, this equipment will be utilized to carry soil from the stockpile to berm the access area of the storage facility.

✓ The 12-inch DIP shown on Sheet No. LFC-35 (Attachment A) connects the interior of the waste tire storage area to the stormwater management system at the CCSWDC to allow rain/stormwater accumulated in the Waste Tire Processing Facility to discharge to the drainage swale. In the event of a fire the operator of the facility shall close the gate valve, to ensure that no discharge takes place, until final cleanup of the site has been completed and the facility inspected by FDEP.

Comment No. 4 (62-711.540(5):

✓ Method, location and storage capacity for processed tires and residuals such as rims.

Response No. 4:

✓ As described in Section 2.0 of Attachment B of the Operations Permit Application, the stockpiled waste tires shall be processed by a shredding process by a contractor hired by

Mr. Kim Ford, P.E.
April 7, 1997
Page 3

✓ Sarasota County. Processed tires will be transported to the Class I landfill immediately at the end of the processing cycle and will be stockpiled near the working face for the purpose of using for daily cover (Section 1.0 (4) of Attachment B). The contractor will also be required to remove any rims which may be on the tires prior to shredding. Rims that have been removed shall be stockpiled adjacent to the white goods storage area and, subsequently, collected by recycling companies.

Comment No. 5 (62-711.700(3):

✓ Closure plan.

Response No. 5:

✓ Closure of the Waste Tire Processing Facility is described in Section 7.0 of Attachment B of the Operation Permit Application.

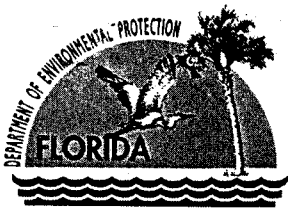
We hope that the information submitted herewith addresses the issues to your satisfaction. If you have any questions, please do not hesitate to contact me.

Sincerely,

CAMP DRESSER & McKEE INC.


John A. Banks, P.E.

4-7-97
cc: Robert Butera, FDEP/Tampa
Dave Bullock, Director, SCSWD
Paul Wingler, SCSWD
Tim Lawrence, SCSWD
Tom Walker, CDM
Vipin Pangasa, CDM



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

March 20, 1997

Mr. David Bullock
Solid Waste Director
1660 Ringling Blvd., 4th Floor
Sarasota, FL 34236

**Re: Sarasota Central Waste Tire Processing Facility
Pending Permit No.: WT58-301584, Sarasota County**

Dear Mr. Bullock:

This is to acknowledge receipt of your permit application received February 21, 1997 to construct and operate the waste tire processing facility.

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

Your application for a permit is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-711, Florida Administrative Code (F.A.C.)]. Please provide:

1. 62-711.500(3). Cost estimates for waste tire site closure and proof of financial assurance.
- ✓ 2. 62-711.540(1)(e) and (f). Procedures for cleanup of all soil that contains liquid from a waste tire fire and immediately notifying DEP in event of a waste tire fire.
- ✓ 3. 62-711.540(3)(e). Procedures for use of soil to berm access into storage area, and the purpose of the discharge pipe from the area and procedure to prevent its discharge during a fire.
- ✓ 4. 62-711.540(5). Method, location and storage capacity for processed tires and residuals such as rims.
- ✓ 5. 62-711.700(3). Closure plan.

Mr. David Bullock
Solid Waste Director


March 20, 1997
Page 2

Please provide all responses that relate to engineering required for design and operation, signed and sealed by a professional engineer.

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 62-12.070(5), F.A.C., if the Department does not receive a response to this request for information within 90 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 you receive this letter, responding to as many of the information requests as possible and indicating when a response to any unanswered questions will be submitted. If the response will require longer than 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 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 as one complete package. On all future correspondence, please include Robert Butera on distribution. If you have any questions you may call me at (813) 744-6100, extension 382.

Sincerely,



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

KBF/ab

cc: Tim Lawrence, Sarasota County
John Banks, P.E., CDM
PB Robert Butera, P.E., FDEP Tampa
Susan Pelz, P.E., FDEP Tampa



Camp Dresser & McKee Inc.

environmental
services

201 Montgomery Avenue
Sarasota, Florida 34243
Tel: 941 351-7100 Fax: 941 355-5311

February 20, 1997

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Subject: Sarasota County CCSWDC
Waste Tire Processing Facility Operation Permit Application

Dear Mr. Ford:

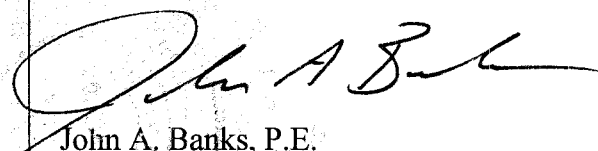
On behalf of Sarasota County, we are submitting herewith two (2) copies of the Operation Permit Application for the Waste Tire Processing Facility located at Central County Solid Waste Disposal Complex (CCSWDC).

Enclosed please also find check no. 581232 payable to FDEP in the amount of \$1,250.00 constituting the application processing fee for the operation permit.

If you have any questions, please do not hesitate to call me anytime.

Sincerely,

CAMP DRESSER & MCKEE INC.


John A. Banks, P.E.

2-20-97

Enclosures

cc: Dave Bullock
Tim Lawrence
Paul Winger
Bob Butera, FDEP
Tom Walker, CDM
Laura Andrews, CDM
Vipin Pangasa, CDM

JAB/ghr
JAB97.28

RECEIVED
FEB 21 1997

Department of Environmental Protection
BY _____
SOUTHWEST DISTRICT

kar

D.E.P.

JUL 12 1993

SOUTHWEST DISTRICT
TAMPA

ATTACHMENT 12

**PERMIT APPLICATION FOR WASTE TIRE
PROCESSING FACILITY**



Florida Department of Environmental Regulation
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

11-24-70

DER Form # 17-711.800(8)
Form Title Waste Tire Processing Facility Permit Ap.
Effective Date February 22, 1988
DER Application No. (Filed in by DER)

Waste Tire Processing Facility Permit Application

D.E.P.

JUL 12 1993

SOUTHWEST DISTRICT
TAMPA

1. Facility information:

Facility name: Central County Solid Waste Disposal Complex
Street address (main entrance): North end of Knights Trail Road
City Nokomis County Sarasota Zip _____
Mailing address: 8350 Bee Ridge Road
City Sarasota State Fl. Zip 34241
Telephone number: (813) 951-5096
Location: Section 1-4, 9-16 Township 38 south Range 19 east
Latitude 27 degrees, 12' 00" Longitude 82 degrees, 23' 00"

2. Application type (check appropriate box):

- ☒ Proposed new facility.
☐ Existing unpermitted facility.
☐ Renewal of permitted facility. Permit number _____
☐ Modification of permitted facility. Permit number _____
☐ Other. Explain _____

3. Facility type (check appropriate box):

- ☐ Waste tire processing facility.
☐ Waste tire processing facility with on-site disposal of processed tires or processing residuals.
☒ Permitted solid waste management facility modification to allow waste tire site and processing.

4. Property owner information:

Owner's name: Sarasota County
Owner's mailing address: 8350 Bee Ridge Road
City Sarasota State Fl. Zip 34241
Owner's telephone number: (813) 951-5096
Ownership type (check appropriate box): ☐ Individual ☐ Partnership ☐ Corporation ☒ Government
☐ Other, explain _____

DER Form #	17-711.900(5)
Form Title	Waste Tire Processing Facility Permit Ap.
Effective Date	February 22, 1988
DER Application No.	(Filed in by DER)

5. Facility operator information (if different from owner):

Operator's name: Same

Operator's mailing address: Same

City State Zip

Operator's telephone number: ()

Operator's type (check appropriate box): ☐ Individual ☐ Partnership ☐ Corporation ☐ Government

☐ Other, explain

6. Preparer of application:

Name of person preparing application: John A. Banks, P.E.

Mailing address: 201 Montgomery Ave.

City Sarasota State FL Zip 34243

Telephone: (813) 351-7100

Affiliation with facility: Engineer of Record

7. Type of processing facility (check as many as apply):

☒ Shredder ☐ Cutter ☐ Chopper ☐ Incinerator only ☐ Incinerator with energy recovery ☐ Pyrolysis

☐ Other, explain

8. Required attachments:

Please include the following information items in the application or give an explanation, if they are not applicable.

A. Facility design.

NOTE: All maps, plan sheets, drawings, isometrics, cross sections, or aerial photographs shall be legible; be signed and sealed by a 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.

- 1) A topographic or section map of the facility, including the surrounding area for one mile, no more than one year old, showing land use and zoning within one mile of the facility.
- 2) Evidence that the facility is in conformance with local zoning.
- 3) A plot plan of the facility on a scale of not less than one inch equals 200 feet. At a minimum, the plot plan shall include:
 - a) The facility design, including the location and size of all storage and processing areas for waste tires, processed tires, and residuals from processing;
 - b) All wetlands and water bodies;
 - c) Stormwater control measures, including ditches, dikes and other structures;
 - d) Legal boundaries, easements and rights of way;
 - e) Location of all wells, operating and abandoned;
 - f) All structures and buildings that are or will be constructed at the facility; include those used in storage and processing operations;
 - g) All areas used for loading and unloading;
 - h) All access roads and internal roads, including fire lanes;
 - i) Location of all fences, gates, and other access control measures; and
 - j) Location of all processed tire or residual disposal areas.

DER Form	17-711.800(8)
Form Title	Waste Tire Processing Facility Permit Ap.
Effective Date	February 22, 1989
DER Application No.	(Filed in by DER)

- 4) A completed application to construct a resource recovery and management facility for any disposal areas (DER Form 17-7.130(1), 12/10/85) must be submitted along with this application, if processed tires or processing residuals will be disposed of at the facility and the facility is not currently permitted as a solid waste management facility.
- 5) A completed solid waste volume reduction facility data form (DER Form 17-7.130(1), 12/10/85).

B. Facility Operation.

- 1) Description of the facility's operation, including how waste tires and processed tires will be collected, stored and processed.
- 2) Description of how each of storage requirements of Rule 17-711.540, F.A.C., will be met.
- 3) Copy of the emergency preparedness manual for the facility.
- 4) Copy of the fire safety survey.
- 5) Description of how 75% of the annual accumulation of waste tires and processed tires will be processed and removed for disposal or recycling.

C. Completed closure plan for the facility as required by Rule 17-711.700(2) and (3), F.A.C.

D. Attach proof of financial responsibility as required by Rule 17-711.510(2), F.A.C.

E. Attach permit fee required pursuant to Rule 17-141, F.A.C.

9. Indicate the quantities of waste tires and processed tires, expressed in tons, stored at the facility:

	Current Storage (tons)	Storage Area (sq. ft.)	Maximum Storage (tons)
Waste tires	0	35,000	100
Processed tires	0		10
TOTALS	0	35,000	110

10. Facilities that will not be disposing of processed tires or processing residual on the facility site must indicate the permitted solid waste management facility where processed tires or residuals will be disposed.

Name of facility Central County Solid Waste Disposal Complex

Street address _____

City _____ County _____ Zip _____

11. Facilities that will be delivering processed tires to a recycling facility must describe the existing or proposed markets for processed tires.

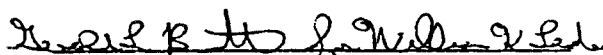
N/A

DER Form # 17-711.900(6)
Form Title Waste Tire Processing Facility Permit Ap.
Effective Date February 22, 1989
DER Application No. _____ (Filed in by DER)

12. Certification:

A. Applicant.

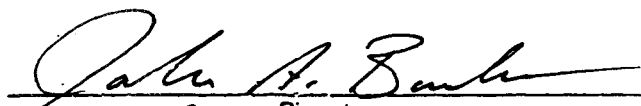
The undersigned applicant or authorized representative of Sarasota County
is aware that statements made in this form and attached information are an application for a Waste Tire Facility
Permit from the Florida Department of Environmental Regulation and certifies that the information in this application 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 facility.

<u></u>	William K. Lederman, P.E. Manager, Solid Waste Operations Division	<u>11-24-92</u>
Signature of Applicant or Agent	Name and Title	Date

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

B. Professional Engineer registered in Florida.

This is to certify that the engineering features of this waste tire processing facility have been designed/examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, 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 for proper maintenance and operation of the facility.

<u></u>	<u>201 Montgomery Ave.</u>
<u>11-24-92</u> Signature	Mailing address
<u>John A. Banks, P.E.</u>	<u>Sarasota, Fl. 34243</u>
Name and title	City, State, Zip
<u>39397</u>	<u>(813) 351-7100</u>
Florida Registration Number	Telephone number

(Please affix seal)

Mail completed form to
appropriate district office
listed on page 1.

Permit No.: WT58-217461 Issue Date: _____ Expires: _____

DER ACTION: ☒ Add ☐ Delete ☐ Change ☐ Deactivate Site ☐ Other

Note: All blanks must be filled or marked as not applicable.

**SARASOTA COUNTY
CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX**

**WASTE TIRE FACILITY
FILE NO. WT58-217461**

The facility is for the use of and for the convenience of the residents and businesses of Sarasota County and is not intended for use by any other persons. This facility is for the purpose of the temporary storage and shredding of waste tires.

The following is a narrative description of the facility and the operational plan under which the facility is to be managed.

The Waste Tire Storage Facility is to be located within the confines of the Central County Solid Waste Disposal Complex (Complex) which is located at the north end of Knights Trail Road in Sarasota County, Florida. The associated landfill and the waste tire facility will be operated by the Solid Waste Department of Sarasota County.

Presently, the County operates and maintains a waste tire facility at the Bee Ridge Landfill (File No. 5058-165899). Based on the most recent records of this facility the amount of tires received average 100 tons per month. The proposed facility is expected to receive the same amount of material.

SPECIFIC SITE CONDITIONS AND OPERATIONAL RULES

1. **STORMWATER CONTROL:** The Complex shall be permitted by the Southwest Florida Water Management District and the stormwater controls as set forth in that permit shall apply to the Waste Tire Facility.

2. **WASTE TIRE PILE LOCATION AND SIZE:** The waste tires are to be stored in piles out of doors in the area shown on the drawing. The waste tires shall be neatly piled in rows with a minimum of fifty feet between the rows. Tire piles shall not be more than 50 feet wide by 200 feet long and shall not be piled more than 15 feet in height.
3. **ACCESS ROADS AND FIRE LANES:** Access roads and the fire lanes to the waste tire piles shall remain open at all times for the use of emergency vehicles. The minimum width of all fire lanes shall be a minimum of 50 feet. The minimum width of the access roads shall be 20 feet. The access roads and fire lanes shall be maintained as all weather roads to assure access to emergency vehicles.
4. **OUTDOOR INTEGRATED PEST MANAGEMENT:** The Solid Waste Department will follow the directions of the Outdoor Integrated Pest Management program as set forth in Administrative Directive 9.02, a copy of which is attached.
5. **OPERATING HOURS:** The operating hours of the Waste Tire Facility shall be the same as the operating hours of the Complex which shall be 8:00 AM to 5:00 PM Monday through Saturday exclusive of the holidays of Christmas Day, New Years Day, Independence Day, and Thanksgiving Day. A sign will be posted indicating these operational hours.
6. **USE OF OPEN FLAME:** There shall be absolutely no use of open flame within 25 feet of the waste tire piles.
7. **ACCEPTANCE OF WASTE TIRES:** Waste tires shall be accepted from residents or businesses only from within Sarasota County.

8. **METHOD OF RECEIVING WASTE TIRES:** Waste tires shall be received as other wastes being delivered to the Complex. The tires shall be weighed using the truck scales and a fee shall be charged according to the current Rate Resolution as enacted by the Board of County Commissioners of Sarasota County, Florida. Persons delivering waste tires to the facility will be directed to the storage area and the tires shall be neatly piled as set forth herein.
9. **FIRE PROTECTION AND OTHER EMERGENCY PROCEDURES:** The following fire prevention, emergency response and pollution control measures shall be followed:
 - A. The waste tire pile shall be surrounded by a earthen berm to assure that in the event of a fire that there will be no liquid runoff from the immediate area. The berm shall be 4 feet high with 2:1 side slopes and shall be properly maintained. The area within the berm shall be kept free of grass, underbrush, and other potentially flammable vegetation at all times.
 - B. Fire protection services shall be provided by the Sarasota County Metro Fire Department. The closest operating fire station is located approximately 7½ miles from the location of the Waste Tire Facility. The Fire Department will be furnished with a key to all gates for the fence surrounding the facility and shall be kept informed of the location and size of the tire pile. In the event of a fire within this facility the Sarasota County Metro Fire Department shall be immediately notified of the fire. The Fire Department shall be notified through the Sarasota County Emergency Operator by telephone by dialing 911 on regular telephones or by dialing 4911 on phones within the Sarasota County System or by other alternate methods. In the event of a fire, and as

soon as practicable the Operator of the Waste Tire Facility shall notify the Department of Environmental Regulation of the facts of the fire. Within two weeks a full written report on the fire shall be submitted to the Department of Environmental Regulation as required in F.A.C. Rule 17-711.540(2)(o). In the event of a fire in the tire stockpile, the stormwater pond adjacent to the waste tire stockpile shall be used as the emergency water supply. This pond will be designed so that a reserve capacity of 300,000 gallons will always be available.

- C. The emergency preparedness manual for this facility has been developed with the cooperation of the Sarasota County Metro Fire Department and shall become a part of this permit.
 - D. Processed tires will not be stored on the site. Processed tires will be stockpiled at the Class I landfill near the working face for the purpose of using the processed tires for daily cover.
10. RECORD KEEPING: The operator of the Waste Tire Facility shall maintain records of the number of tons of waste tires received and processed on the site.
11. PROCESSING OF TIRES: Stockpiled waste tires shall be processed by a shredding process by a Contractor hired by Sarasota County after following the competitive bidding process as set forth by the Sarasota County Purchasing Department. A copy of the sample draft specifications for the tire shredding service are attached and are part of this document.
12. RESIDUALS: Any residual waste from the processing of the tires shall be deposited in the landfill.

13. CLOSURE: Closure will commence concurrent with closure of the landfill facilities at the Central County Solid Waste Disposal Complex. Closure of the Waste Tire Facility will include removal of all remaining processed and residual tire material and placement into the Class I landfill prior to final capping. All other closure activities will be consistent with closure procedures associated with the Class I landfill site.

SARASOTA COUNTY GOVERNMENT

ADMINISTRATIVE DIRECTIVE

NO: 9.02

ISSUED: 12/17/91

EFFECTIVE DATE: January 1, 1992

SUBJECT:

Outdoor Integrated Pest Management (I.P.M.) Program.

AUTHORITY:

Sarasota County Board of County Commissioners Resolution No. 91-092 which provided for adoption of Integrated Pest Management Practices by County Government for Pest Control Programs and established an Environmental Pest Management Advisory Board.

PURPOSE:

This Administrative Directive describes the policy and procedures to be followed by departments in implementing the Integrated Pest Management Program in outdoor areas under control of County Government.

POLICY:

Urban Integrated Pest Management (I.P.M.) in Sarasota County is an approach to managing pests that incorporates the following key ingredients:

- (1) Careful regular and efficient inspection and observation by knowledgeable personnel.
- (2) Identification of the conditions causing a pest problem to occur.
- (3) Identification of ways to change these conditions to discourage recurrences of the problem.
- (4) Selection of the most environmentally sound mix of strategies and tactics to directly suppress the pest problems.

RESPONSIBILITY:

All County Government Departments responsible for maintenance of landscapes and other outdoor areas will be affected by the provisions of this Administrative Directive. The Department of Agriculture and Home Economics through the Cooperative Extension Service is the principal coordinating element regarding guidance, training, and educational information for outdoor I.P.M. activities.

PROCEDURES:

The following procedures will apply for all new landscaping, re-landscaping and existing landscaping on Sarasota County public grounds.

1. Department Planning for Implementation of IPM:

- a. Each department will identify an IPM coordinator and alternate to provide overall departmental program management, and assist the Environmental Pest Management Advisory Board in developing specific user guidelines.
- b. Provide continuing personnel training in IPM concepts and methods (with assistance of Cooperative Extension Service).
- c. Modify job descriptions and/or contract specifications to require the use of IPM procedures and decision making criteria.
- d. Plan new landscapes or carry out landscape modifications with the objective of minimizing pest problems.
- e. All employees engaged in IPM practices and in application of pesticides shall be trained and certified to conform with County, State and Federal regulations.
- f. Non-Biorational pesticides shall be purchased and used only where feasible alternatives are not available.
- g. Work with the Environmental Pest Management Advisory Board to develop a list of preferred pest resistant plants for landscaping in Sarasota County.
- h. Cooperate with the Environmental Pest Management Advisory Board to develop a list of pest control chemicals ranked according to toxicity on non-target organisms and effectiveness for specific pest control.
- i. Suggest research needs to the Environmental Pest Management Advisory Board.
- j. Each department will, in cooperation with the County Environmental Pest Management Advisory Board, conduct an annual evaluation of its IPM program and determine if improvements should be made.

A.D. Procedures cont.

2. I.P.M. Program Evaluation Methodology:

a. Early Detection:

- (1) Monitoring to observe the condition of landscapes (key plants) & (maintenance systems). Scouting for damaging insects, diseases, and weeds (key pests), damage levels, and environmental conditions that adversely affect the managed resource.
- (2) Recognition of beneficial insects and avoidance of damage to them where possible.
- (3) Determination of aesthetic levels of tolerance of damage that will be acceptable.

b. Evaluation of Cultural Practices:

- (1) Proper irrigation practices
- (2) Proper mowing/pruning/mulching
- (3) Grass clippings discharged into turf
- (4) Use of organic/slow release fertilizers
- (5) Aeration, topdressing, verticutting

c. Plant Selection Considerations:

- (1) Drought or wet soil tolerance
- (2) Pest resistance
- (3) Hardiness
- (4) Light demands
- (5) Salt tolerance
- (6) Purpose/function of plant

d. Site Considerations:

- (1) pH of soil
- (2) Percolation and drainage
- (3) Grade
- (4) Weather exposure
- (5) Light exposure
- (6) Compaction conditions

3. Corrective Actions:

a. Consider modification of maintenance systems, cultural practices, plant replacements, site/micro-climate adjustments and changes.

b. Determine most selective and least toxic treatment options available.

- (1) Sanitation - physically remove diseased plant parts, insects, caterpillars, slugs and weeds, where practical.
- (2) Forceful syringing of the foliage with water.
- (3) Encourage birds and other predators for insect control.

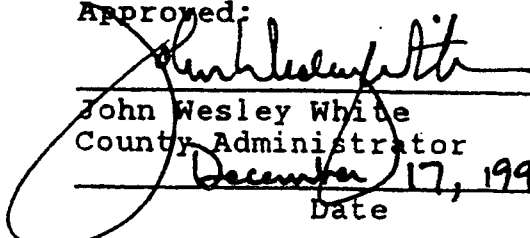
A.D. Procedures cont.

- (4) Bio-rational pesticides - target specific problems.
- (5) Non-biorational applications - use least toxic pesticides when control is indicated and target specific problems.
- (6) Use pesticides recommended by the Environmental Pest Management Advisory Board, in conjunction with recommendations/assistance from Sarasota County Cooperative Extension Service.

4. Record Keeping:

- a. Keep records and site locations of what is seen, decisions made, actions taken and results.
- b. Information will be sent monthly to the County Extension IPM Co-ordinator, on a standardized form.

Approved:



John Wesley White
County Administrator

December 17, 1991
Date

SARASOTA COUNTY

I. P. M. MONTHLY FIELD REPORT

Reporting Month _____
Department/Agency _____
Name/Title of Reporting Official _____
Location Reporting On _____

Pest Problems Encountered On:

Turf _____ Trees _____ Shrubs _____ Ground Covers _____
Annuals _____ Perennials _____ Aquatic Plants _____

Pest Identification:

Weeds (list types) _____
Disease (list plants & Disease) _____
Nematodes (list types) _____
Insects (list plants & insects) _____
Non Parasitic (list type) _____
Birds/Animals (identify) _____
Don't know _____

Problem Symptoms:

Root Rot	_____	Cankers	_____	Wilt	_____
Swollen Roots	_____	Leaf Spots	_____		
Leaf Holes	_____	Holes in Bark	_____		
Chlorosis	_____	Twig/Branch Dieback	_____		
Defoliation	_____	Abnormal Growth	_____		
Trunk Branch Damage	_____	Turf Dieback	_____		
Other (describe)	_____				

Least Toxic Pest Control Strategies Employed:

Beneficial Organisms	_____	Hand Removal	_____	Pruning	_____
(identify)					
Syringing with Water	_____	Top Dressing	_____	Aeration	_____
Chemicals	_____	Traps	_____	Barriers	_____
Change maintenance practices (describe)	_____				
Other (describe)	_____				

Chemical Use Checklist:

<u>Chemical Name</u>	<u>Pest Treated</u>	<u>Date</u>	<u>Rate</u>
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Environmental Problems Experienced & Solutions Employed (i.e. weather, pollution, contamination, phytotoxic reactions, etc.)

Maintenance Systems Activities:

	<u>Type (if Applicable)</u>	<u>Amount/Rate</u>	<u>Frequency</u>
Turf Irrigation	_____	_____	_____
Tree/Shrub Irrigation	_____	_____	_____
Fertilization	_____	_____	_____
Mowing	_____	_____	_____
Pruning	_____	_____	_____
Planting/Replanting	_____	_____	_____
Mulching	_____	_____	_____
Landscape Alteration (describe)	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

How often were areas monitored (scouted) for pest problems?

Evaluation of effectiveness of control measures

MJH/jbw
D8A:\IPM\FIELDRPT.MJH

CALL FOR BIDS
ANNUAL CONTRACT

RECEIVED
OCT 3 1990

The County Government of Sarasota, Florida, will receive sealed bids in Room 400 of the County Administration Center, 101 South Washington Boulevard, Sarasota, Florida, 34236 until 9:30 A.M. on the date indicated below for the purpose of selecting a supplier for the following products or services on an annual contract basis. Quantities will be ordered against the annual award by the using departments throughout the year on an as-needed basis. Solid Waste Operations

Bid Number & Item: 0172J - TIRE SHREDDING SERVICES
Date of Opening: OCTOBER 15, 1990
Location of Opening: SEVENTH FLOOR CONFERENCE ROOM

Said bids will be publicly opened at the time, date, and location stated above in the presence of the designees of the County Administrator, the Clerk of the Board of County Commissioners, and the Purchasing Director.

Specifications and bid documents may be obtained at the office of the County Purchasing Director, Room M102, County Administration Center, 101 South Washington Boulevard, Sarasota, Florida, 34236. Phone (813) 951-5266.

All bids shall be submitted in triplicate in a sealed envelope plainly marked on the outside with the bid number and item, and mailed to the attention of the Deputy Clerk, P.O. Box 8, Sarasota, Florida, 34230, or delivered to her office at Room 400, County Administration Center, 101 South Washington Boulevard, Sarasota, Florida, 34236.

The Board of County Commissioners reserves the right to reject any or all bids for any reason whatsoever.

BOARD OF COUNTY COMMISSIONERS
SARASOTA, FLORIDA

PUBLISHED: OCTOBER 5 & 8, 1990
OPENING: OCTOBER 15, 1990

SARASOTA COUNTY GOVERNMENT
GENERAL INSTRUCTIONS TO BIDDERS
ANNUAL BIDS

1. For information questions concerning this bid, contact the Procurement Management Division, 101 S. Washington Blvd., Sarasota, Florida, 34236, telephone (813) 951-5266.
2. The County intends to award a firm fixed-price contract extending for a one-year period. There will be an option to extend an annual bid contract for two each additional one year periods, adhering to the original bid terms and conditions. These extensions will be contingent upon approval of both the County and contractor at the time of extension.
3. Detailed specifications describe the commodities or services to be acquired by the County. To be considered for award, a bid must comply in all material respects with the invitation for bids. No alternate bids or deviations from specifications will be accepted unless requested in the specifications or bid form. Such bids will be deemed nonresponsive and ineligible for award.
4. Unless otherwise specified, all prices are to be FOB-delivered prices, to any location in the County. Should a bid call for delivery to either north or south County alone, with separate bid prices, the dividing line is Blackburn Point Road, between Laurel and Osprey, Florida.
5. Bidders are required to bid their prices on the bid forms supplied by the County in the bid specifications. Bids will be deemed nonresponsive if these bid forms are not used.
6. The County assumes no responsibility for bids received after the advertised bid opening time or at any office or location other than that specified herein, whether due to mail delays, courier mistake, mishandling or any other reason.
7. The Board of County Commissioners reserves the right to reject any or all bids for any reason whatsoever.
8. Through a cooperative purchasing agreement, the cities of Longboat, North Port, Venice and Sarasota, may procure against an annual bid contract if the contractor agrees at time of award. Such participation, if it occurs, will be by separate purchase order and invoicing with the governmental entity concerned.
9. Included in these specifications is a State of Florida Public Entity Crime form which must be completed and submitted with your bid forms. Failure to do so may render your bid nonresponsive.
10. Any checks or bonds required by the specifications to be submitted with the bid must reference the bid number.

9/12/90

TECHNICAL SPECIFICATIONS FOR
TIRE SHREDDING SERVICE
FOR SARASOTA COUNTY, FLORIDA

The Contractor is to furnish all labor, materials, tools, and equipment and perform all work and services for furnishing a tire shredding service for Sarasota County Florida, as herein described.

A. DEFINITIONS:

1. The term "County" used herein throughout these specifications shall mean the Environmental Services Department, Solid Waste Operations Division of Sarasota County, Florida.
2. The term "Contractor" shall mean the person or firm which is the successful bidder and to which a contract is awarded for furnishing the tire shredding service as specified herein.
3. The term "Bee Ridge Landfill" shall mean the County's Landfill which is located at 8350 Bee Ridge Road, Sarasota County, Florida.

B. TIRE SHREDDING SERVICE: The Contractor shall furnish a tire shredding service to the County as follows:

1. The Contractor shall furnish a tire shredding service to the County a minimum of once each quarter of the fiscal year. The fiscal year shall be defined as the period from October 1 to September 30.
2. The tire shredding service to be provided by the Contractor will require the Contractor to shred all of the tires, regardless of the size or type of tire, that are stockpiled at the Bee Ridge Landfill.
3. Tires are to be shredded so that the shredded pieces can be used for daily cover, 70% of the waste tire material must be cut into pieces of 4 square inches or less and 100% of the waste tire is 32 square inches or less.
4. The unit price bid shall be the price per ton for shredding all of the tires in the tire stockpile.
5. Hours of operation of the Bee Ridge Landfill are Monday through Saturday from 8:00 A.M. to 5:00 P.M. exclusive of the days of Christmas, New Year's Day, Independence Day, and Thanksgiving Day; and the Contractor will be allowed to perform the tire shredding service only during the hours of operation described herein.

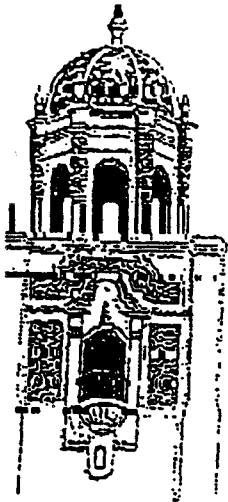
6. The exact number of tires to be shredded is unknown. However, the average tonnage of tires recorded at the scalehouse each month is approximately 108 tons.

7. The Contractor will be required to remove any rims which may be on the tires if unable to shred along with the tires. Cost of removal of the rims shall be included in the unit price for shredding of the tires. Rims that have been removed by the Contractor shall remain the property of the County and shall be stockpiled, at the direction of the County, adjacent to the tire stockpile.

8. The Contractor will be required to load the shredded tires on a suitable transport for the purpose of weighing the shredded tires on the County's scales which are located at the Bee Ridge Landfill. The net weight of tires shredded will be the basis for payment per ton of tires shredded. The Contractor shall then deposit, at the direction of the County, the shredded tires to a designated area to be used for daily cover.

9. The Contractor will be required to meet the limits set forth in F.A.C. Rule 17-711.530(2) in that the Contractor must be able to process enough tires to meet the 30 times the daily through-put of the processing equipment the Contractor will use.

10. If the Contractor is required by the County to provide the service on a more frequent basis than that as set forth in paragraph B.1. of these specifications, then the Contractor will be required to do same at the unit price bid per ton of tires shredded.



SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA

Fire Department



2200 Stickney Point Road
Sarasota, FL 34231
Office Phone (813) 951-4211

Camp Dresser & McKee Inc.
201 Montgomery Avenue
Sarasota, FL 34242

01/29/93

Attn: John Banks

Dear Mr. Banks,

I have received and reviewed the Central County Solid Waste Disposal Complex, sheet C-1 and G-1. Your design of the waste Tire Processing facility and the Yard Waste Compost Area are acceptable as drawn.

Sincerely,

Joseph D. Robinson
Division Chief
Fire Loss Management Division
Sarasota County Fire Department

CDM

environmental engineers, scientists,
planners, & management consultants

AMP DRESSER & McKEE INC.

201 Montgomery Avenue
Sarasota, Florida 34243
813 351-7100

February 12, 1993

Mr. Kim B. Ford, P.E.
Florida Department of Environmental Regulation
Solid Waste Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

D. E. R.

FEB 12 1993

SOUTHWEST DISTRICT
TAMPA

Re: Sarasota Central Solid Waste Disposal Complex

Pending Permit Numbers:

SC58-214931 (Class I)

SC58-214932 (Class III)

SC58-217144 (Yard Trash Composting)

SC58-217460 (Leachate Treatment)

WT58-217461 (Waste Tire Storage)

Pinelands Reserve, Sarasota County

Dear Mr. Ford:

The following are responses to comments contained in your letter of January 8, 1993. These responses pertain to the Class I and Class II landfills, the leachate treatment system, yard waste compost facility and waste tire facility.

Please note that on January 12, 1993 the Sarasota Board of County Commissioners officially adopted the name of Pinelands Reserve for the 6,000 acre site. The name of the 550 acres within the Pinelands Reserve designated for solid waste facilities will remain the Central County Solid Waste Disposal Complex.

Comment No. 1

Your December 11, 1992 cost estimates have been approved and have been forwarded to Mr. Fred Wick of the Solid Waste Section in Tallahassee. Mr. Wick may require adjustment of the estimates to 1993 dollars. You are requested to work directly with him to obtain approval of Sarasota County's financial responsibility documents.

Mr. Kim B. Ford, P.E.
Page 10
February 12, 1993

WASTE TIRE SITE

Comment No. 12

Provide a fire safety survey for the facility to verify that the local fire protection authorities are satisfied with the proposed design.

Response No. 12

Please see Attachment D for approval from the Sarasota County Fire Department.

Comment No. 13

The waste tire store areas do not appear to be located on improved surfaces. The mixing of waste tires with sand and vehicle access has been a problem on other sites. Provide plan changes on the basis of your decisions not to provide an improved surface.

Response No. 13

Please see the revised drawings for the tire facility included in Attachment D. Among the changes included is the addition of a 6-inch shell surface for the tire storage area. Other improvements include a larger berm around the perimeter to use as a fire suppressing stockpile, a drain pipe through the berm that can be plugged during a fire and dry hydrants strategically located to provide a quick connection for fire trucks.

Comment No. 14

The description of the waste tire facility indicates water to extinguish a fire is located in an adjacent pond. What pond? Water cannot be pumped out of the leachate pond to extinguish a fire.

Response No. 14

Please see Sheet C-1 of the drawings in Attachment D. Detail A is for dry hydrants for pumper truck connections. The locations for these hydrants include the permeate holding pond as well as stormwater retention lakes. Since the permeate meets MCLs for drinking water, it should be allowed for reuse in fire fighting of nonresidential facilities.

Mr. Kim B. Ford, P.E.
Page 11
February 12, 1993

Comment No. 15

Provide an updated emergency preparedness manual for the new proposed site, not the Bee Ridge Landfill, containing the following elements:

- a. A list of names and numbers of persons to be contacted in the event of a fire, flood or other emergency.
- b. A list of the emergency response equipment at the site, its location, and how it should be used in the event of a fire or other emergency.
- c. A description of the procedures that should be followed in the event of a fire, including procedures to contain and dispose of the oily material generated by the combustion of large numbers of tires. (FAC 17-711.540(2)(j) and 17-711.540(2)(n)).

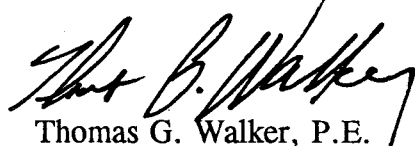
Response No. 15

Please see the revised document included in Attachment G to this letter.

We believe this additional documentation provides you the information necessary to complete the application. Should you have any questions regarding the information submitted herein, please do not hesitate to contact me as soon as possible.

Sincerely,

CAMP DRESSER & McKEE INC.

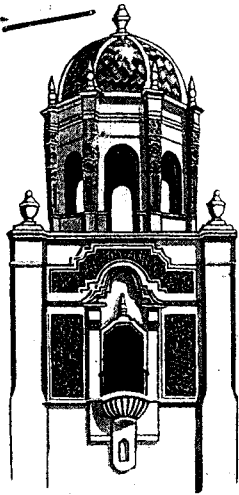


Thomas G. Walker, P.E.
Associate

TGW/alt
TGW.1-112

cc: William K. Lederman, Sarasota County Solid Waste Operations
Robert L. Matthews, CDM
John A. Banks, CDM

File: 9250-32-PA-2.1



**SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA**

**Solid Waste Department
Operations Division**

8350 Bee Ridge Road
Sarasota, Florida 34241
Telephone (813) 951-5096
FAX (813) 951-5161

November 23, 1992

Mr. Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management
Florida Department of Environmental Regulation
3804 Coconut Palm Drive
Tampa, FL 33619-8318

D. E. R.
NOV 25 1992
SOUTHWEST DISTRICT
TAMPA

Re: Sarasota County Solid Waste Disposal Complex
Pending Permits No. S058-217144 (Yard Trash Composting)
and No. WT58-217461 (Waste Tire Storage)

Dear Mr. Ford:

This letter is in response to your request for additional information dated August 27, 1992 regarding the above referenced permit application. The responses provided herein pertain only to the trash composting facility and waste tire facility. Responses to comments pertaining to the leachate treatment facility will be provided under separate cover.

COMMENT NO. 1:

✓ Provide cross-sections of roads, ditches, berms, drainage structures and yard trash processing, composting and storage areas. Include spot elevations in all ditches.

Mr. Kim B. Ford, P.E.
November 24, 1992
Page 3

COMMENT NO. 5:

✓ Provide plan sheets signed and sealed by a professional engineer.

RESPONSE:

Plan sheets have been signed and sealed.

COMMENT NO. 6:

Provide waste balance calculations to verify the capacity of the composting site to continually provide for 800 tons per day based on a composting period of 6 months.

RESPONSE:

Waste balance calculations are provided on Attachment 1.

*Limit
to
500 tons
per day*

*Not
reasonable
assumption*

COMMENT NO. 13:

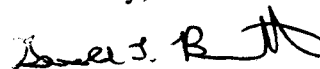
Provide the attached application form for waste tire storage and processing, and provide all supporting information signed and sealed by a professional engineer.

RESPONSE:

Please see the attached application form and supporting information.

Should you have any questions regarding the information provided herein, please do not hesitate to call me.

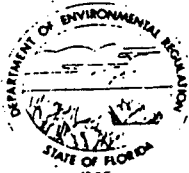
Sincerely,



Gerald L. Bennett
Acting Director

GLB/alt
jab.1/55

cc: Robert LaSala, Sarasota County
William K. Lederman, Manager
H. Ray Allen, Esq.
Thomas G. Walker, CDM
John Banks, CDM



Florida Department of Environmental Regulation
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-711.900(8)
Form Title <u>Waste Tire Processing Facility Permit Ap.</u>
Effective Date <u>February 22, 1989</u>
DER Application No. _____ (Filing in by DER)

Waste Tire Processing Facility Permit Application

D. E. R.

NOV 25 1992

SOUTHWEST DISTRICT
TAMPA

1. Facility information:

Facility name: Central County Solid Waste Disposal Complex

Street address (main entrance): North end of Knights Trail Road

City Nokomis County Sarasota

Mailing address: 8350 Bee Ridge Road

City Sarasota State Fl. Zip 34241

Telephone number: (813) 951-5096

Location: Section 1-4, 9-16, Township 38 south, Range 19 east

Latitude 27 degrees, 12' 00", Longitude 82 degrees, 23' 00"

2. Application type (check appropriate box):

☒ Proposed new facility.

☐ Existing unpermitted facility.

☐ Renewal of permitted facility. Permit number _____

☐ Modification of permitted facility. Permit number _____

☐ Other. Explain _____

3. Facility type (check appropriate box):

☐ Waste tire processing facility.

☐ Waste tire processing facility with on-site disposal of processed tires or processing residuals.

☒ Permitted solid waste management facility modification to allow waste tire site and processing.

4. Property owner information:

Owner's name: Sarasota County

Owner's mailing address: 8350 Bee Ridge Road

City Sarasota State Fl. Zip 34241

Owner's telephone number: (813) 951-5096

Ownership type (check appropriate box): ☐ Individual ☐ Partnership ☐ Corporation ☒ Government

☐ Other, explain _____

DER Form #	17-711.900(5)
Form Title	Waste Tire Processing Facility Permit Ap.
Effective Date	February 22, 1989
DER Application No.	(Filed in by DER)

5. Facility operator information (if different from owner):

Operator's name: Same

Operator's mailing address: Same

City _____ State _____ Zip _____

Operator's telephone number: (_____) _____

Operator's type (check appropriate box): ☐ Individual ☐ Partnership ☐ Corporation ☐ Government

☐ Other, explain _____

6. Preparer of application:

Name of person preparing application: John A. Banks, P.E.

Mailing address: 201 Montgomery Ave.

City Sarasota State Fl. Zip 34243

Telephone: (813) 351-7100

Affiliation with facility: Engineer of Record

7. Type of processing facility (check as many as apply):

☒ Shredder ☐ Cutter ☐ Chopper ☐ Incinerator only ☐ Incinerator with energy recovery ☐ Pyrolysis

☐ Other, explain _____

8. Required attachments:

Please include the following information items in the application or give an explanation, if they are not applicable

A. Facility design.

NOTE: All maps, plan sheets, drawings, isometrics, cross sections, or aerial photographs shall be legible; be signed and sealed by a 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.

- 1) A topographic or section map of the facility, including the surrounding area for one mile, no more than one year old, showing land use and zoning within one mile of the facility.
- 2) Evidence that the facility is in conformance with local zoning.
- 3) A plot plan of the facility on a scale of not less than one inch equals 200 feet. At a minimum, the plot plan shall include:
 - a) The facility design, including the location and size of all storage and processing areas for waste tires, processed tires, and residuals from processing;
 - b) All wetlands and water bodies;
 - c) Stormwater control measures, including ditches, dikes and other structures;
 - d) Legal boundaries, easements and rights of way;
 - e) Location of all wells, operating and abandoned;
 - f) All structures and buildings that are or will be constructed at the facility; include those used in storage and processing operations;
 - g) All areas used for loading and unloading;
 - h) All access roads and internal roads, including fire lanes;
 - i) Location of all fences, gates, and other access control measures; and
 - j) Location of all processed tire or residual disposal areas.

DER Form 17-711.900(8)
Form Title: Waste Tire Processing Facility Permit Ap.
Effective Date: February 22, 1989
DER Application No. _____ (Filed in by DER)

- 4) A completed application to construct a resource recovery and management facility for any disposal areas (DER Form 17-7.130(1), 12/10/85) must be submitted along with this application, if processed tires or processing residuals will be disposed of at the facility and the facility is not currently permitted as a solid waste management facility.

- 5) A completed solid waste volume reduction facility data form (DER Form 17-7.130(1), 12/10/85).

B. Facility Operation.

- 1) Description of the facility's operation, including how waste tires and processed tires will be collected, stored and processed.
- 2) Description of how each of storage requirements of Rule 17-711.540, F.A.C., will be met.
- 3) Copy of the emergency preparedness manual for the facility.
- 4) Copy of the fire safety survey.
- 5) Description of how 75% of the annual accumulation of waste tires and processed tires will be processed and removed for disposal or recycling.

C. Completed closure plan for the facility as required by Rule 17-711.700(2) and (3), F.A.C.

D. Attach proof of financial responsibility as required by Rule 17-711.510(2), F.A.C.

E. Attach permit fee required pursuant to Rule 17-141, F.A.C.

9. Indicate the quantities of waste tires and processed tires, expressed in tons, stored at the facility:

	Current Storage (tons)	Storage Area (sq. ft.)	Maximum Storage (tons)
Waste tires	0	35,000	100
Processed tires	0		10
TOTALS	0	35,000	110

10. Facilities that will not be disposing of processed tires or processing residual on the facility site must indicate the permitted solid waste management facility where processed tires or residuals will be disposed.

Name of facility Central County Solid Waste Disposal Complex

Street address _____

City _____ County _____ Zip _____

11. Facilities that will be delivering processed tires to a recycling facility must describe the existing or proposed markets for processed tires.

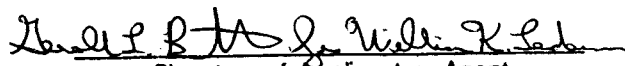
N/A

DER Form	17-711.900(6)
Form Title	Waste Tire Processing Facility Permit Ap.
Effective Date	February 22, 1989
DER Application No.	(Filed in by DER)

2. Certification:

A. Applicant.

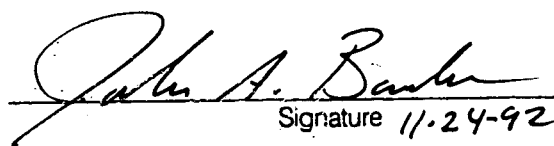
The undersigned applicant or authorized representative of Sarasota County
is aware that statements made in this form and attached information are an application for a Waste Tire Facility
Permit from the Florida Department of Environmental Regulation and certifies that the information in this application 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 facility.

<u></u>	<u>William K. Lederman, P.E.</u> <u>Manager, Solid Waste Operations</u> <u>Division</u>	<u>11-24-92</u> Date
Signature of Applicant or Agent	Name and Title	

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

B. Professional Engineer registered in Florida.

This is to certify that the engineering features of this waste tire processing facility have been designed/examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, 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 for proper maintenance and operation of the facility.

<u></u> Signature <u>11-24-92</u>	<u>201 Montgomery Ave.</u> Mailing address
<u>John A. Banks, P.E.</u> Name and title	<u>Sarasota, FL 34243</u> City, State, Zip
<u>39397</u> Florida Registration Number	<u>(813) 351-7100</u> Telephone number

(Please affix seal)

Mail completed form to
appropriate district office
listed on page 1.

SOLID WASTE VOLUME REDUCTION AND RESOURCE RECOVERY FACILITY DATA FORM

Permit No.: WT58-217461 Issue Date: _____ Expires: _____

Facility No. (DER Identification): _____

DER ACTION: ☒ Add ☐ Delete ☐ Change ☐ Deactivate Site ☐ Other

1. County <u>Sarasota</u>		2. Site Name <u>Central County Solid Waste Disposal Complex</u>	
3. Date Form Completed <u>September 9, 1992</u>		4. Facility Address <u>North End Knight's Trail Road</u>	
4a. Facility Phone No. <u>N/A</u>		4b. Facility Site Supervisor <u>William K. Lederman, P.E.</u>	
5a. <u>27</u> ° <u>12</u> ' <u>00</u> " Latitude	<u>82</u> ° <u>23</u> ' <u>00</u> " Longitude	5b. <u>38 South</u> Township	<u>19 East</u> Range <u>1-4, 9-16</u> Section
6. Operating Authority Name <u>Sarasota County Solid Waste Department</u>		8. Operating Authority Address <u>8350 Bee Ridge Road</u> <u>Sarasota, FL 34241</u>	
7. Phone Number <u>(813) 951-5096</u>		11. Address of Owner <u>Same</u>	
9. Owner of Site Property (if different from Operator) <u>Same</u>			
10. Phone Number of Owner <u>Same</u>			
12. Facility Type (check one or more)			
<input type="checkbox"/> Incinerator Only <input type="checkbox"/> Biomass Gas Production <input type="checkbox"/> Pyrolysis <input checked="" type="checkbox"/> Other: <u>Waste Tire Processing Facility</u> <input type="checkbox"/> Sludge Concentration <input type="checkbox"/> Baler (compactor) <input type="checkbox"/> Composting Plant <input type="checkbox"/> Transfer Station <input type="checkbox"/> Waterwall Incinerator <input type="checkbox"/> Shredder (pulverizer)			
13. Month/Year Begun <u>January, 1995</u>		15. Population Served <u>283,000</u>	
16. Expected Useful Lifetime <u>31</u> Years		18. Waste Processed Per Operational Day <u>0.33</u> tons/day	
17. Weighing Scales <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		21. Hours/Day Operated <u>9</u>	
19. Charge/_____		20. Days Operated <u>S M T W T F S</u>	
22. Maximum Processing Rate _____ tons/day			
23. Material Recovered, Tons/Week <u>N/A</u>			
<u>_____</u> Paper <u>_____</u> Glass Other: _____ <u>_____</u> Ferrous Metals <u>_____</u> Non-Ferrous Metals <u>_____</u> Aluminum <u>_____</u> Plastics			
24. Energy Recovery, in units shown <u>N/A</u>			
<u>_____</u> High Pressure Steam-lb/hr <u>_____</u> Chilled Water-gal/hr <u>_____</u> Gas-ft ³ /hr <u>_____</u> Low Pressure Steam-lb/hr <u>_____</u> Oil-gal/hr <u>_____</u> Gas-BTU/hr <u>_____</u> Electricity-kw/hr <u>_____</u> Oil-BTU/hr Other: _____			
25. Process Water Recycled <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Treatment Method Used <u>N/A</u>	
Discharged to: <u>N/A</u> <input type="checkbox"/> Surface Waters <input type="checkbox"/> Underground		Class Receiving Water <u>N/A</u>	
26. Final Residue is <u>100</u> % of waste intake		Residue is disposed of at (Site Name) <u>Central Complex</u>	
27. Supplementary Fuel Used <u>N/A</u>			
Type <u>N/A</u>		Quantity Used/Hour <u>N/A</u>	
28. Estimated Operating Costs Material - Energy Revenue \$		Total Cost/Ton \$	Net Cost/Ton \$
29. Number of Staff		30. State Pollution Control Bond Financing Amount \$	31. Estimated Amount of Tax Exemptions that will be Requested \$
32. Name and Title of Person Completing Form <u>John A. Banks, P.E.</u>			

Note: All blanks must be filled or marked as not applicable.

SARASOTA COUNTY
CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX R.

WASTE TIRE FACILITY
FILE NO. WT58-217461

NOV 25 1992

SOUTHWEST DISTRICT
TAMPA

The facility is for the use of and for the convenience of the residents and businesses of Sarasota County and is not intended for use by any other persons. This facility is for the purpose of the temporary storage and shredding of waste tires.

The following is a narrative description of the facility and the operational plan under which the facility is to be managed.

The Waste Tire Storage Facility is to be located within the confines of the Central County Solid Waste Disposal Complex (Complex) which is located at the north end of Knights Trail Road in Sarasota County, Florida. The associated landfill and the waste tire facility will be operated by the Solid Waste Department of Sarasota County.

Presently, the County operates and maintains a waste tire facility at the Bee Ridge Landfill (File No. 5058-165899). Based on the most recent records of this facility the amount of tires received average 100 tons per month. The proposed facility is expected to receive the same amount of material.

SPECIFIC SITE CONDITIONS AND OPERATIONAL RULES

1. **STORMWATER CONTROL:** The Complex shall be permitted by the Southwest Florida Water Management District and the stormwater controls as set forth in that permit shall apply to the Waste Tire Facility.

2. **WASTE TIRE PILE LOCATION AND SIZE:** The waste tires are to be stored in piles out of doors in the area shown on the drawing. The waste tires shall be neatly piled in rows with a minimum of fifty feet between the rows. Tire piles shall not be more than 50 feet wide by 200 feet long and shall not be piled more than 15 feet in height.
3. **ACCESS ROADS AND FIRE LANES:** Access roads and the fire lanes to the waste tire piles shall remain open at all times for the use of emergency vehicles. The minimum width of all fire lanes shall be a minimum of 50 feet. The minimum width of the access roads shall be 20 feet. The access roads and fire lanes shall be maintained as all weather roads to assure access to emergency vehicles.
4. **OUTDOOR INTEGRATED PEST MANAGEMENT:** The Solid Waste Department will follow the directions of the Outdoor Integrated Pest Management program as set forth in Administrative Directive 9.02, a copy of which is attached.
5. **OPERATING HOURS:** The operating hours of the Waste Tire Facility shall be the same as the operating hours of the Complex which shall be 8:00 AM to 5:00 PM Monday through Saturday exclusive of the holidays of Christmas Day, New Years Day, Independence Day, and Thanksgiving Day. A sign will be posted indicating these operational hours.
6. **USE OF OPEN FLAME:** There shall be absolutely no use of open flame within 25 feet of the waste tire piles.
7. **ACCEPTANCE OF WASTE TIRES:** Waste tires shall be accepted from residents or businesses only from within Sarasota County.

8. **METHOD OF RECEIVING WASTE TIRES:** Waste tires shall be received as other wastes being delivered to the Complex. The tires shall be weighed using the truck scales and a fee shall be charged according to the current Rate Resolution as enacted by the Board of County Commissioners of Sarasota County, Florida. Persons delivering waste tires to the facility will be directed to the storage area and the tires shall be neatly piled as set forth herein.

9. **FIRE PROTECTION AND OTHER EMERGENCY PROCEDURES:** The following fire prevention, emergency response and pollution control measures shall be followed:
 - A. The waste tire pile shall be surrounded by a earthen berm to assure that in the event of a fire that there will be no liquid runoff from the immediate area. The berm shall be 4 feet high with 2:1 side slopes and shall be properly maintained. The area within the berm shall be kept free of grass, underbrush, and other potentially flammable vegetation at all times.

 - B. Fire protection services shall be provided by the Sarasota County Metro Fire Department. The closest operating fire station is located approximately 7½ miles from the location of the Waste Tire Facility. The Fire Department will be furnished with a key to all gates for the fence surrounding the facility and shall be kept informed of the location and size of the tire pile. In the event of a fire within this facility the Sarasota County Metro Fire Department shall be immediately notified of the fire. The Fire Department shall be notified through the Sarasota County Emergency Operator by telephone by dialing 911 on regular telephones or by dialing 4911 on phones within the Sarasota County System or by other alternate methods. In the event of a fire, and as

soon as practicable the Operator of the Waste Tire Facility shall notify the Department of Environmental Regulation of the facts of the fire. Within two weeks a full written report on the fire shall be submitted to the Department of Environmental Regulation as required in F.A.C. Rule 17-711.540(2)(o). In the event of a fire in the tire stockpile, the stormwater pond adjacent to the waste tire stockpile shall be used as the emergency water supply. This pond will be designed so that a reserve capacity of 300,000 gallons will always be available.

- C. The emergency preparedness manual for this facility has been developed with the cooperation of the Sarasota County Metro Fire Department and shall become a part of this permit.
 - D. Processed tires will not be stored on the site. Processed tires will be stockpiled at the Class I landfill near the working face for the purpose of using the processed tires for daily cover.
10. RECORD KEEPING: The operator of the Waste Tire Facility shall maintain records of the number of tons of waste tires received and processed on the site.
11. PROCESSING OF TIRES: Stockpiled waste tires shall be processed by a shredding process by a Contractor hired by Sarasota County after following the competitive bidding process as set forth by the Sarasota County Purchasing Department. A copy of the sample draft specifications for the tire shredding service are attached and are part of this document.
12. RESIDUALS: Any residual waste from the processing of the tires shall be deposited in the landfill.

13. **CLOSURE:** Closure will commence concurrent with closure of the landfill facilities at the Central County Solid Waste Disposal Complex. Closure of the Waste Tire Facility will include removal of all remaining processed and residual tire material and placement into the Class I landfill prior to final capping. All other closure activities will be consistent with closure procedures associated with the Class I landfill site.

CALL FOR BIDS
ANNUAL CONTRACT

OCT 3 1990

The County Government of Sarasota, Florida, will receive sealed bids in Room 400 of the County Administration Center, 101 South Washington Boulevard, Sarasota, Florida, 34236 until 9:30 A.M. on the date indicated below for the purpose of selecting a supplier for the following products or services on an annual contract basis. Quantities will be ordered against the annual award by the using departments throughout the year on an as-needed basis.

Bid Number & Item: 0172J - TIRE SHREDDING SERVICES
Date of Opening: OCTOBER 15, 1990
Location of Opening: SEVENTH FLOOR CONFERENCE ROOM

Said bids will be publicly opened at the time, date, and location stated above in the presence of the designees of the County Administrator, the Clerk of the Board of County Commissioners, and the Purchasing Director.

Specifications and bid documents may be obtained at the office of the County Purchasing Director, Room M102, County Administration Center, 101 South Washington Boulevard, Sarasota, Florida, 34236. Phone (813) 951-5266.

All bids shall be submitted in triplicate in a sealed envelope plainly marked on the outside with the bid number and item, and mailed to the attention of the Deputy Clerk, P.O. Box 8, Sarasota, Florida, 34230, or delivered to her office at Room 400, County Administration Center, 101 South Washington Boulevard, Sarasota, Florida, 34236.

The Board of County Commissioners reserves the right to reject any or all bids for any reason whatsoever.

BOARD OF COUNTY COMMISSIONERS
SARASOTA, FLORIDA

PUBLISHED: OCTOBER 5 & 8, 1990
OPENING: OCTOBER 15, 1990

SARASOTA COUNTY GOVERNMENT
GENERAL INSTRUCTIONS TO BIDDERS
ANNUAL BIDS

1. For information questions concerning this bid, contact the Procurement Management Division, 101 S. Washington Blvd., Sarasota, Florida, 34236, telephone (813) 951-5266.
2. The County intends to award a firm fixed-price contract extending for a one-year period. There will be an option to extend an annual bid contract for two each additional one year periods, adhering to the original bid terms and conditions. These extensions will be contingent upon approval of both the County and contractor at the time of extension.
3. Detailed specifications describe the commodities or services to be acquired by the County. To be considered for award, a bid must comply in all material respects with the invitation for bids. No alternate bids or deviations from specifications will be accepted unless requested in the specifications or bid form. Such bids will be deemed nonresponsive and ineligible for award.
4. Unless otherwise specified, all prices are to be FOB-delivered prices, to any location in the County. Should a bid call for delivery to either north or south County alone, with separate bid prices, the dividing line is Blackburn Point Road, between Laurel and Osprey, Florida.
5. Bidders are required to bid their prices on the bid forms supplied by the County in the bid specifications. Bids will be deemed nonresponsive if these bid forms are not used.
6. The County assumes no responsibility for bids received after the advertised bid opening time or at any office or location other than that specified herein, whether due to mail delays, courier mistake, mishandling or any other reason.
7. The Board of County Commissioners reserves the right to reject any or all bids for any reason whatsoever.
8. Through a cooperative purchasing agreement, the cities of Longboat, North Port, Venice and Sarasota, may procure against an annual bid contract if the contractor agrees at time of award. Such participation, if it occurs, will be by separate purchase order and invoicing with the governmental entity concerned.
9. Included in these specifications is a State of Florida Public Entity Crime form which must be completed and submitted with your bid forms. Failure to do so may render your bid nonresponsive.
10. Any checks or bonds required by the specifications to be submitted with the bid must reference the bid number.

9/12/90

TECHNICAL SPECIFICATIONS FOR
TIRE SHREDDING SERVICE
FOR SARASOTA COUNTY, FLORIDA

The Contractor is to furnish all labor, materials, tools, and equipment and perform all work and services for furnishing a tire shredding service for Sarasota County Florida, as herein described.

A. DEFINITIONS:

1. The term "County" used herein throughout these specifications shall mean the Environmental Services Department, Solid Waste Operations Division of Sarasota County, Florida.
2. The term "Contractor" shall mean the person or firm which is the successful bidder and to which a contract is awarded for furnishing the tire shredding service as specified herein.
3. The term "Bee Ridge Landfill" shall mean the County's Landfill which is located at 8350 Bee Ridge Road, Sarasota County, Florida.

B. TIRE SHREDDING SERVICE: The Contractor shall furnish a tire shredding service to the County as follows:

1. The Contractor shall furnish a tire shredding service to the County a minimum of once each quarter of the fiscal year. The fiscal year shall be defined as the period from October 1 to September 30.
2. The tire shredding service to be provided by the Contractor will require the Contractor to shred all of the tires, regardless of the size or type of tire, that are stockpiled at the Bee Ridge Landfill.
3. Tires are to be shredded so that the shredded pieces can be used for daily cover, 70% of the waste tire material must be cut into pieces of 4 square inches or less and 100% of the waste tire is 32 square inches or less.
4. The unit price bid shall be the price per ton for shredding all of the tires in the tire stockpile.
5. Hours of operation of the Bee Ridge Landfill are Monday through Saturday from 8:00 A.M. to 5:00 P.M. exclusive of the days of Christmas, New Year's Day, Independence Day, and Thanksgiving Day; and the Contractor will be allowed to perform the tire shredding service only during the hours of operation described herein.

6. The exact number of tires to be shredded is unknown. However, the average tonnage of tires recorded at the scalehouse each month is approximately 108 tons.

7. The Contractor will be required to remove any rims which may be on the tires if unable to shred along with the tires. Cost of removal of the rims shall be included in the unit price for shredding of the tires. Rims that have been removed by the Contractor shall remain the property of the County and shall be stockpiled, at the direction of the County, adjacent to the tire stockpile.

8. The Contractor will be required to load the shredded tires on a suitable transport for the purpose of weighing the shredded tires on the County's scales which are located at the Bee Ridge Landfill. The net weight of tires shredded will be the basis for payment per ton of tires shredded. The Contractor shall then deposit, at the direction of the County, the shredded tires to a designated area to be used for daily cover.

9. The Contractor will be required to meet the limits set forth in F.A.C. Rule 17-711.530(2) in that the Contractor must be able to process enough tires to meet the 30 times the daily through-put of the processing equipment the Contractor will use.

10. If the Contractor is required by the County to provide the service on a more frequent basis than that as set forth in paragraph B.1. of these specifications, then the Contractor will be required to do same at the unit price bid per ton of tires shredded.

D.E.R.

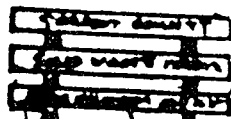
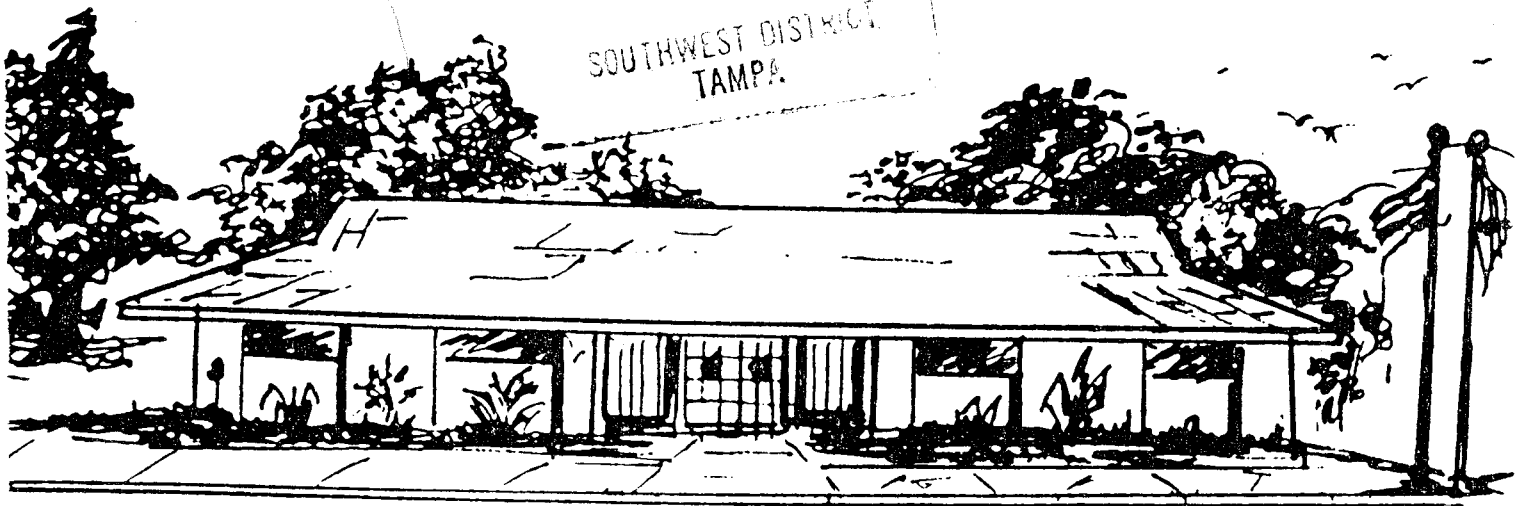
NOV 25 1992

SOUTHWEST DISTRICT
AREA

SOLID WASTE MANAGEMENT DIVISION

NOV 25 1992

SOUTHWEST DISTRICT
TAMPA.

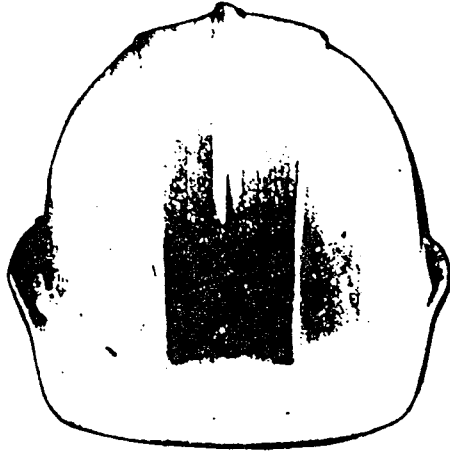


STANDARD

OPERATING

PROCEDURES

Safety



**Safety
Begins
Here.**



SAFETY

July 28, 1989
Revised November 23, 1992

SAFETY

Training	1
Equipment	1
Accident Investigation and Follow-up	2
Special Procedures	3
Safety Meetings	3
Safety Officer	3

EMERGENCY AND FIRE SAFETY

Notification: Call 911	4
Used Tire Storage Area Special Rules	5
List of Emergency Response Equipment	5
List of Emergency Response Persons	6

APPENDIX: Standard for Storage of Rubber Tires by National Fire Protection Association, Inc. (NFPA 231D)	7
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SAFETY

The program shall consist of the following parts:

Training - General training of all employees will be required to develop the skills of emergency first aid and CPR.

1. Red Cross Multimedia certification is required initially upon employment and subsequently re-certification on a three-year schedule is required.

Red Cross Cardiopulmonary Resuscitation Basic Life Support Course certification initially upon employment and subsequently on an annual basis thereafter is required.

2. All employees shall be trained in the job-specific aspects of their position. This training will be provided by and is the responsibility of the employee's immediate supervisor.

3. Special training shall be required for each employee on a job-specific basis. Each operator of a piece of equipment shall be trained in the operation of that piece of equipment by his immediate supervisor. This training shall be given in accordance with the manufacturer's recommendations and operating manuals. This training will be provided by and is the responsibility of the immediate supervisor in charge of the employee.

Equipment - This section shall outline the basic safety equipment to be provided to the employees of this Division.

1. Uniforms shall be furnished for and shall be worn by all employees except office personnel. Special exemption from this requirement may be granted by the Director of Solid Waste Management on a case-by-case basis.

2. Hard hats shall be provided for all employees. Employees shall be required to wear their hard hat as a general practice when performing general work tasks. Hard hats are not required inside buildings (except when under construction) and inside of enclosed vehicles (other than construction equipment).

3. Special safety equipment such as rain gear including rubber boots, boots having steel toes and stainless steel puncture resistant soles, work gloves, goggles, dust masks, protective eye glasses, rubber gloves, face guards, hearing protection, and rubber aprons shall be utilized as part of the day-to-day operational procedures of this Division. It shall be the responsibility of each individual employee and his/her immediate supervisor to assure that proper safety equipment is in use. Standard operating procedures will be developed and included as a part of this

program. Development of these procedures will be the responsibility of all supervisory personnel.

4. All employees will be required to wear safety shoes or boots when working in an environment dictating the need for such equipment. Generally, safety shoes will be required except when working in the scalehouse or office. Safety shoes will be issued to all employees whose duties require the wearing of safety shoes.

5. Self-contained breathing apparatus is available and shall be used only in an emergency situation and only under the direct supervision of a supervisor who has been properly trained in the use of self-contained breathing apparatus.

Accident Investigation and Follow-up -

1. There is established an Accident Review Committee within this Division. The Committee shall consist of the Solid Waste Management Division Safety Officer, five employees of the Solid Waste Management Division, and the immediate supervisor of the employee or employees involved in the accident.

2. The purpose of this Committee is to assist the safety officer in establishing the cause of any accident which occurs involving employees or equipment of the Solid Waste or Liquid Waste Divisions.

3. The Solid Waste Management Division safety officer shall investigate all accidents and workmen's compensation claims which occur within the scope of responsibility of the Solid Waste Management Division. The Solid Waste Management Division safety officer shall convene the Solid Waste Management Division Accident Review Committee on an as-needed basis. The Accident Review Committee shall review the circumstances which brought about the accident or injury and shall establish the cause of the accident or injury.

4. The Accident Review Committee shall, after their review of each case, determine the cause of the accident, determine the responsible person or persons for causing the accident if such responsibility exists and then inform the persons involved in the accident of their findings of cause and responsibility.

5. In minor cases of injury or accidents the Solid Waste Management Division Accident Review Committee shall determine if in their opinion that the nature of the incident requires any disciplinary action to be taken against the employee or employees of the Solid Waste Management Division. If disciplinary action is recommended, then that recommendation along with the findings of the Solid Waste Management Division Accident Review Committee shall be forwarded to the County Administrator for his action.

6. In any case other than minor accidents, the Solid Waste Management Division Accident Review Committee shall forward the results of their investigation and recommendations as to the disposition of the case to the Sarasota County Accident Review Board for their review and action.

Special Procedures - Special procedures shall consist of operational plans which shall be prepared by the supervisor in charge of each separate operation within the Solid Waste Management Division. Operational plans shall be prepared for the following separate functions within the Solid Waste Management Division - office, landfill, transfer station, septage treatment plant, hazardous wastes and infectious wastes.

Safety Meetings - Safety meetings shall be held as determined necessary by the Solid Waste Management Division Safety Officer but no less than one meeting shall be held every other month.

Safety meetings shall be the responsibility of the Solid Waste Management Division Safety Officer.

Safety meeting topics shall include a discussion of all incidents which have occurred within the SWMD since the last safety meeting was held along with topics of current importance and interest.

Safety Officer - The Solid Waste Management Division Safety Officer shall be appointed by the Director of the Solid Waste Management Division.

The position of Solid Waste Management Division Safety Officer shall be held in conjunction with the regular duties of the position for which the person was hired. However, the Solid Waste Management Division Safety Officer shall be given time during the regular working hours to perform the duties of the Solid Waste Management Division Safety Officer.

EMERGENCY AND FIRE SAFETY

This section provides the standard operating procedure for all personnel in the event of an emergency or fire of any nature that may take place within the boundaries of landfill or transfer station.

Notification: CALL 911 As in any emergency, the first thing to do is to notify the proper emergency response team. In the case of **FIRE**, notify the Fire Department through the emergency phone number 911. Remember, if you are calling from a phone which is connected to the County switch board, you must dial 4911 to reach the emergency operator. All of the phones at the Bee Ridge Landfill are on the County switch board except for the pay phones. All of the phones at the Jackson Road Transfer Station are not on the County switch board, and you may dial 911 direct from these phones.

The pay phone at the Bee Ridge Landfill is located at the refreshment and snack area along the entrance road and adjacent to the sludge drying beds. The pay phone at the Jackson Road Transfer Station is located immediately outside the entrance gate on the east side of the shed.

If the office or one of the scale houses is open, you can contact them by radio for your emergency, and they will be able to place the necessary phone call.

Be sure to **SPEAK SLOWLY, DISTINCTLY, DELIBERATELY**, and remain as calm as possible. Briefly tell the person to whom you are reporting the emergency the following: the nature of the emergency, any injuries or persons involved, and where the emergency is located.

If there are injuries, you should render whatever assistance you can without endangering yourself. Use the First Aid and/or CPR training you have learned to assist where necessary. If possible, evacuate any personnel or equipment that may be endangered. In the event of small fires, the use of a fire extinguisher may be sufficient to contain the fire until the arrival of the Emergency Responders. Fire extinguishers are found in every Solid Waste Division vehicle and on every machine. In the event of larger fires, the pressure washer trailer is available at the Bee Ridge Landfill along with the permanently mounted, 90-gallon water tanks on the compactors. At the Jackson Road Transfer Station, the permanently installed fire hoses are available and should be used.

Upon arrival of the Emergency Responders, you should take whatever steps necessary to assist.

In the event of fire in the landfill, it may be necessary to smother the fire using available dirt from the dirt stockpiles located at the landfill. In this case, the Operator of the landfill shall make immediate provisions to provide that earth cover.

Used Tire Storage Area Special Rules - In the event there is a fire or other emergency in the used tire storage area located at the Bee Ridge Landfill, the following special rules shall apply:

After following the emergency procedure outline above, the Operator shall insure the fact that the integrity of the dike around the waste tire pile is intact. This shall be accomplished by patrolling the exterior of the dike and by adding earth to the dike wherever necessary to assure that no oily material generated by the combustion of the tires escapes the immediate area.

The State of Florida, Department of Environmental Regulation, shall be immediately notified by calling the Tampa office at 813\744-6100 if that emergency has potential off-site effects. Within two weeks of any emergency involving potential off-site impact, the Operator of the Bee Ridge Landfill shall submit to the Department a written report on the emergency, the results of the action taken, and an analysis of the success or failure of the actions.

List of Emergency Response Equipment - In the event of a fire emergency, the following equipment is available at the landfill and may be used as the situation dictates in the evolution of responding to a fire emergency, such as repair of dikes, smothering with earth and materials, and then use of water in extinguishing fires:

- D-8N Bulldozer
- D-135A Bulldozer
- D-7G Bulldozer
- 623-B Excavator

It should be noted that from time to time the equipment available for fire emergency use may be changed, and it should be the responsibility of the persons in charge at the facility to be aware of those changes and respond accordingly with the appropriate equipment in the event of a fire emergency.

Immediately adjacent to the tire storage facility is a small pond for the purpose of supplying water in the event of a fire or other emergency.

Also available at the site is a 4-inch Mac pump with hose and discharge pipe to be used in first line of defense until arrival of the fire department. Upon arrival of the fire department, this pump and water supply will be used under the direction of the officer in charge from the fire department.

4-inch Mac pump with Perkins engine, 4-cylinder air cool, Equipment No. 7654

Three 8-inch pumps are available for use as additional water supply equipment should the fire department determine it necessary that additional water is required in the event of a fire emergency.

8-inch Mac pumps with Deutz engines, 4-cylinder air cool, Equipment Nos. 7640, 7641, and 7653

The John Bean is a triple-mounted, high pressure pump with 300-gallon water tank that also may be used as a first-line response in the event of a fire emergency.

Model TJD, Serial No. 6158214, 2-cylinder Wisconsin engine, Equipment No. 7803

Fire extinguishers are available in every vehicle and piece of equipment on the site. Although fire extinguishers are very ineffective against a large fire, it may be possible through their use to control the fire until larger equipment is brought to bear the fire.

List of Emergency Response Persons

	<u>Home Phone No.</u>
William K. Lederman, P.E.	377-0249
George Blackburn	485-1808
Thomas W. Lindsey	952-0336
Terry L. Suddeth	748-1298

APPENDIX

Standard for
Storage of Rubber Tires
1989 Edition

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NFPA 231D

**Standard for
Storage of Rubber Tires**

1989 Edition

Sold Waste Management

This edition of NFPA 231D, *Standard for Storage of Rubber Tires*, was prepared by the Technical Committee on Storage of Rubber Tires, released by the Correlating Committee on Storage, and acted on by the National Fire Protection Association, Inc. at its Annual Meeting held May 15-18, 1989 in Washington, D.C. It was issued by the Standards Council on July 14, 1989, with an effective date of August 7, 1989, and supersedes all previous editions.

The 1989 edition of this document has been approved by the American National Standards Institute.

Changes other than editorial are indicated by a vertical rule in the margin of the pages on which they appear. These lines are included as an aid to the user in identifying changes from the previous edition.

Origin and Development of NFPA 231D

A tentative standard on the storage of rubber tires was developed by a Subcommittee of the Committee on General Storage and adopted by the National Fire Protection Association, Inc. at the 1974 Annual Meeting in Miami Beach, Florida.

The first official edition of NFPA 231D was prepared by the Committee on General Storage. It included revisions made to the tentative standard, and was adopted by the Association at the 1975 Fall Meeting in Pittsburgh, Pennsylvania. The 1980 edition was a partial revision of the 1975 edition and the 1986 edition was a partial revision of the 1980 edition. The 1989 edition contains guidelines for outdoor storage of scrap tires in the Appendix.

Automatic sprinklers can be expected to operate within 2 to 5 minutes of ignition. At this point, the fire has generally progressed beyond the stage where extinguishers are effective and within a few minutes, smoke will make the area untenable and vision will be completely obscured.

Active Stage. At this point, the building is untenable and obscured vision makes the use of hose streams questionable. It is best to allow the sprinklers to take control of the fire. Most sprinklers will have operated within 15 to 20 minutes of ignition if control is to be effected. Sprinklers should be allowed to operate at least 60 and preferably 90 minutes. During the period the building is best left unventilated. As control of the fire is gained, smoke will tend to change from black to gray and diminish in intensity. During this period at least six charged 1½-in. (38-mm) hose lines should be laid out preparatory to entering the building. Portable floodlights should be secured as well as raincoats, boots, helmets, breathing apparatus, etc., for the overhaul crew.

Critical Stage. After 60 to 90 minutes and when smoke intensity has diminished, the building should be ventilated around the periphery of the suspected fire location. During this period close observation should be made of smoke conditions. If smoke generation increases, cease ventilating and close up building if possible.

Overhaul. As soon as smoke clears to the extent that the building can be entered, entry should be made with small hose streams which should be directed into burning tires. Sprinklers should remain in operation unless the fire chief is certain that hose can control the fire.

Fork trucks and other means should be employed to remove tires from the fire area. It will usually be necessary to keep sprinklers and/or hose streams in operation during this procedure at least until all evidence of flame is gone. Patrols should be made in affected area for 24 hours following the fire.

In the event that control of the fire is lost as evidenced by increasing smoke generation, loss of pressure at fire pump discharge (indicating massive sprinkler operation), collapsing roof, etc., efforts should be directed towards preventing the spread of the fire beyond the area bounded by the fire walls. At this point, consideration should be given to shutting off sprinklers in the fire area to provide water for protecting the exposures.

Use of High Expansion Foam. If a high expansion foam system is used in connection with automatic sprinklers, sprinklers may be shut off 1 hour after ignition and an additional 1-hour soaking time for foam allowed before the building is opened up and overhaul begun. Limited tests with high expansion foam indicate that fire extinguishment is largely complete after a period of soaking in foam. As a precautionary measure, charged hose streams should be available when foam is drained away.

After the initial fill, foam generators should be operated periodically during the soaking period to maintain the foam level. This is necessary since sprinklers and products of combustion will cause partial foam breakdown.

Appendix C Guidelines for Outdoor Storage of Scrap Tires

C-1 General. The intent of these recommendations is to provide fire protection guidance to minimize the fire hazard in areas for outside scrap tire storage. Each individual property will have its own special conditions of tire handling, exposure, and topography. For this reason, only basic fire protection principles are being considered herein which are intended to be applied with due consideration of the local factors involved. The authority having jurisdiction should be consulted in all cases.

Rubber has a heat combustion of about 15,000 BTU's per pound, or roughly twice that of ordinary combustibles (that is, paper and wood). Once ignited, fire development is rapid and high temperatures can be expected, due to the large exposed surface area of tires. Burning is likely to persist for hours. In cases where the fire is controlled, rekindling is a possibility.

These recommendations are not intended to apply to storage of shredded tires (chips, granules, etc.)

C-2 Definitions. Unless expressly stated elsewhere, the following terms will for the purpose of these recommendations have the meanings indicated below:

Aisle. An accessible clear space between storage piles or groups of piles suitable for housekeeping operations, visual inspection of piling areas, and initial fire fighting operations.

Clear Space. Any area free of combustible materials. This does not preclude the storage of noncombustible materials that will not transmit an exposure fire.

Fire Lane. A clear space suitable for fire fighting access and operations by motorized fire apparatus.

Yard. The outdoor areas where scrap tires are stored.

Units (equivalent passenger). One average size passenger tire weighing approximately 25 lb (11 kg).

Scrap Tire. A tire that is no longer suitable for vehicular use.

C-3 Fire Experience.

C-3.1 Fire experience in outdoor storage of scrap tires reveals a number of concerns, including: the generation of large amounts of black smoke; the fact that the storage is often too close to buildings on the same or adjacent premises, causing fires in these exposed buildings; the generation of oil during the fire where the oil contributes to the fire or where the run-off will contaminate the surrounding area; delay in reporting the fire; and the lack of fire fighting capabilities. The fire hazards inherent in scrap rubber tire storage are best controlled by a positive fire prevention program which would include the intent that a fire would be contained to the pile of origin and limiting the exposures to other piles or associated structures.

C-3.2 Fire Prevention.

C-3.2.1 The fire hazard potential inherent in scrap rub-

ber tire storage operations can best be controlled by a positive fire prevention program. The method of stacking should be solid piles in an orderly manner and should include:

- (a) Fire lanes to separate piles and provide access for effective fire fighting operations.
- (b) Separation of yard storage from buildings and other exposures.
- (c) An effective fire prevention maintenance program including control of weeds, grass, and other combustible materials within the storage area.
- (d) The topography should be considered since in fire conditions, oil accumulations or run-off can be expected. Scrap tire storage should preferably be on a level area.

C-3.2.2 Appropriate steps should be taken to limit access to the tire storage area. Acceptable access should be provided for fire fighting equipment.

C-4 Exposure Protection.

C-4.1 For 500 units or less a minimum separation between scrap rubber tires and structures should be 25 ft (7.6 m) minimum or as reduced by Chapter 3, "Means of Protection," and Chapter 4, "Application of Means of Protection," of NFPA 80A, *Recommended Practice for Protection of Buildings from Fire Exposures*.

C-4.2 For More than 500 Units.

C-4.2.1 The minimum distance between outside scrap rubber tire storage and buildings should be determined in accordance with the intent and provisions of NFPA 80A, *Recommended Practice for Protection of Buildings from Exterior Fire Exposures*. Since it is based on exposure from a burning building, restrictions are needed for application to an outside storage configuration.

(a) The height of exposing fire from burning trees should be taken as 1.5 times the height of the tire pile since flames extending above the burning tires contribute to the size of the radiation surface area. The height of the exposing fire, per NFPA 80A, is the building height. Height of combustibles stored within the building is not mentioned; it would be inherent in the selection of the severity of the exposure fire. A comparative building height would have to exceed height of piling by several feet at least, and could be substantially higher. Furthermore, the height (and width) of flames above a fire-penetrated roof would be substantially influenced by the debris of the fire-damaged or collapsed roof, whereas flame height above yard storage would have no such restraint.

(b) The width of the exposing fire should be taken as the accumulative width of piles facing the exposed building, with disregard for the nominal separation between piles provided by narrow access aisles and roadways. In order for storage piles to be considered isolated piles, the minimum separation distance between piles should be in accordance with Table C-4.2.3. This distance can be reduced to that necessary to provide a dirt berm at least $1\frac{1}{2}$ times the height of the pile.

(c) Percent of opening in exposing wall area should be considered to be 100 percent.

(d) Severity of exposing fire should be considered as severe.

C-4.2.2 Means of protecting the building exposed by burning tire storage may be selected from NFPA 80A, Chapter 3, and separation adjustments may be based on building construction and protective measures as given in NFPA 80A, Chapter 4, except that the separation should never be reduced below that necessary for fire fighting access. (See Section C-4.3.)

C-4.2.3 Table C-4.2.3 gives representative separations between exposed building and piles or between isolated piles.

Table C-4.2.3 Representative Exposure Separation Distances

Exposed Face Dimensions	Tire Storage Pile Height						
	8	10	12	14	16	18	20
25	56	62	67	73	77	82	85
50	75	84	93	100	107	113	118
100	100	116	128	137	146	155	164
150	117	135	149	164	178	189	198
200	130	149	167	183	198	212	226
250	140	162	181	198	216	231	245

NOTE: Separation distances are based on NFPA 80A, Chapter 2, using a factor of 1.5 in accordance with C-4.2.1(a).

C-4.2.4 Because of the extensive fire expected in scrap tire storage some form of exposure protection for adjoining properties should be considered. If the clear space as recommended in Table C-4.2.3 cannot be provided, provide a dirt berm $1\frac{1}{2}$ times the height of the tire storage.

C-4.2.5 The distance between storage and grass, weeds, and brush should be 50 ft (15 m).

C-4.3 Fire Fighting Access.

C-4.3.1 Maximum pile height should be 20 ft (6 m). Pile width and length should not exceed 250 ft (76.2 m) without a separation according to Table C-4.2.3. Dirt berms may be used in lieu of cross aisles in accordance with C-4.2.1(b). (See Figure C-4.3.1.)

C-4.3.2 The fire department should be consulted for advice on provision of all-weather roadways to and within the storage area. Depending on storage area configuration and size, access obstruction (river, railroad yards), prevailing wind direction, alternative tactics, etc., fire fighting strategy may require one or more aisles to be wider than those described in C-4.3.1.

C-4.3.3 Pre-emergency planning should be made with the local fire protection agency so that fire emergencies can be properly handled in the tire storage facility.

C-5 General Fire Protection.

C-5.1 General.

C-5.1.1 Weeds, grass, and similar vegetation should be eliminated throughout the entire yard. Combustibles should be removed as they accumulate.

C-5.1.2 Smoking should be prohibited within the tire storage area. Other types of potential ignition sources such as cutting and welding, heating devices, open fires, etc., should be prohibited.

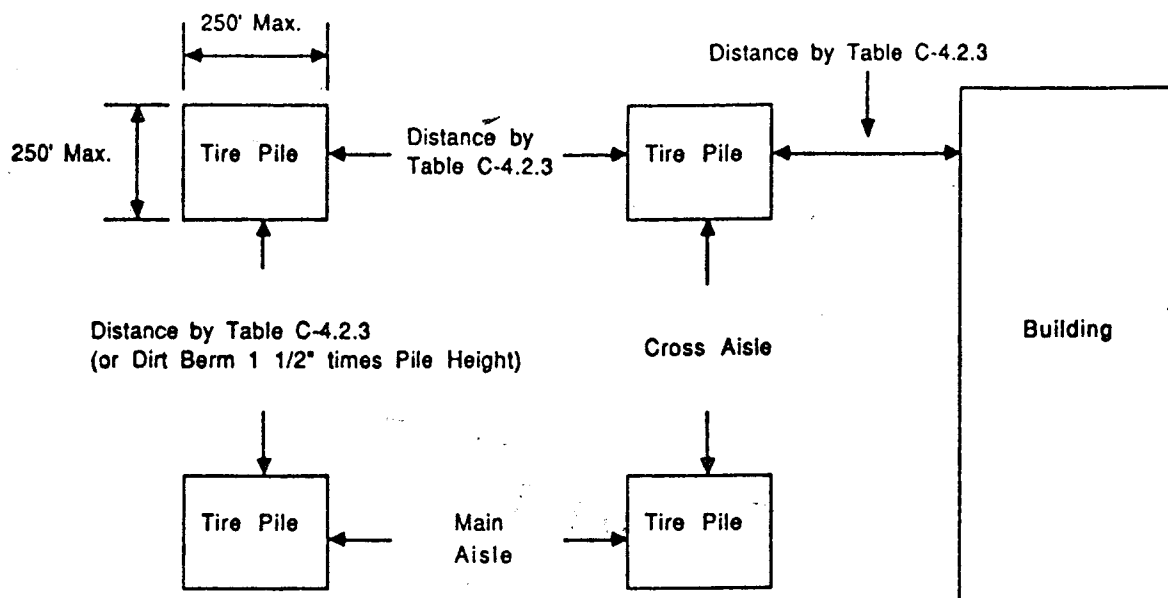


Figure C-4.3.1 Tire Pile Arrangement.

C-5.1.3 Suitable safeguards should be provided to minimize the hazard of sparks from such equipment as refuse burners, boiler stacks, vehicle exhaust, etc.

C-5.2 Water Supplies.

-5.2.1 Either a public or private fire main and hydrant system should be provided. A water system should be provided to supply a minimum of 1000 gpm (3780 L/min) for less than 10,000 units storage, or 2000 gpm (7560 L/min) for 10,000 units or greater for a duration of 3 hours.

C-5.2.2 If there is access to a lake, stream, pond, or other body of water in the vicinity of the storage area a fire department suction connection should be provided.

C-5.2.3 If fire hoses are not immediately available from responding public fire departments, on-site storage of 1000 ft (304.8 m) of 2½-in. (63-mm) hose and sufficient nozzles should be provided. In addition to water hose streams, high expansion foam may be used to control or extinguish scrap tire fires.

C-5.2.4 Bulldozers, front-end loaders and similar equipment can be used to move tires not yet involved in the fire, to create breaks in the tire pile or to cover burning tires with soil.

Appendix D Referenced Publications

D-1 The following documents or portions thereof are referenced within this standard for informational purposes only and thus should not be considered part of the requirements of this document. The edition indicated for each reference is the current edition as of the date of the NFPA issuance of this document.

D-1.1 NFPA Publications. National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

NFPA 10-1988, *Standard for Portable Fire Extinguishers*

NFPA 13A-1987, *Recommended Practice for the Inspection, Testing and Maintenance of Sprinkler Systems*

NFPA 600-1986, *Recommendations for Organization, Training and Equipment of Private Fire Brigades*

NFPA 80A-1987, *Recommended Practice for Protection of Buildings from Exterior Fire Exposures*.

APPLICATION TRACKING SYSTEM

10/14/93

APPL NO:217461

APPL RECVD:08/04/92 TYPE CODE:WT SUBCODE:02 LAST UPDATE:10/13/93
DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:___ APPLICATION COMPLETE:02/12/93
DER PROCESSOR:FORD

APPL STATUS:IS DATE:10/12/93 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)
RELIEF:___ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING DISTRICT:40 COUNTY:58
(Y/N) N DGC HEARING REQUESTED LAT/LONG:27.12.00/82.23.00
(Y/N) Y PUBLIC NOTICE REQD? BASIN-SEGMENT:___
(Y/N) N GOV BODY LOCAL APPROVAL REQD? COE #:_____
(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY) ALT#:_____

PROJECT SOURCE NAME:CENTRAL CO SOLID WASTE DISP/COMPLEX

STREET:NORTH/END KNIGHTS TRL RD CITY:NA

STATE:FL ZIP:_____ PHONE:_____

APPLICATION NAME:SARASOTA CO SOLID WASTE DEPT

STREET:8350 BEE RIDGE ROAD CITY:SARASOTA

STATE:FL ZIP:34241 PHONE:813-951-5096

AGENT NAME:CAMP DRESSER & MCKEE, INC.

STREET:201 MONTGOMERY AVE CITY:SARASOTA

STATE:FL ZIP:34243 PHONE:813-351-7100

FEE #1 DATE PAID:08/04/92 AMOUNT PAID:01250 RECEIPT NUMBER:00200221

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - - / / /
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / / /
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. - - - - - / / /
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 08/28/92--09/14/92
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 10/13/92--12/11/92
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 01/08/93--02/12/93
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
F DATE LAST 45 DAY LETTER WAS SENT - - - - - / / /
G DATE FIELD REPORT WAS REQ--REC - - - - - / / /
H DATE DNR REVIEW WAS COMPLETED - - - - - / / /

I DATE APPLICATION WAS COMPLETE - - - - - 02/12/93
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - - / / /
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - - 09/13/93--09/14/93
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - 09/13/93
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - - 09/20/93
N WAIVER DATE BEGIN--END (DAY 90) - - - - - 04/20/93--10/05/93

COMMENTS:THIS PERMIT NUMBER NOT USED. PERMIT NUMBER S058-214931 INCLUDES THE
CONSTRUCTION OF THE WASTE TIRE SITE.