

Florida Department of Environmental Regulation

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

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)

Waste Tire Processing Facility Permit Application

44795

4041C02025

1. Facility information:

Facility name: LENA ROAD LANDFILL
Street address (main entrance): 3333 Lena Road
City: Bradenton County: Manatee Zip: 34203
Mailing address: Caller Service 25010
City: Bradenton State: FLORIDA Zip: 34206
Telephone number: (813) 748-5543
Location: Section 6, Township 35S, Range 19E
Latitude 27° 28', Longitude 82° 27'

D.E.R.

2. Application type (check appropriate box):

- Proposed new facility.
Existing unpermitted facility.
[X] Renewal of permitted facility. Permit number S041-118353
Modification of permitted facility. Permit number
Other. Explain

JUL 28 1992

SOUTHWEST DISTRICT TAMPA

3. Facility type (check appropriate box):

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

4. Property owner information:

Owner's name: Manatee County
Owner's mailing address: Caller Service 25010
City: Bradenton State: FL Zip: 34205
Owner's telephone number: (813) 792-8811
Ownership type (check appropriate box): Individual Partnership Corporation [X] Government
Other, explain

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

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

Operator's name: Manatee County Public Works

Operator's mailing address: Caller Service 25010

City Bradenton State Florida Zip _____

Operator's telephone number: (813) 792-8811

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

Other, explain _____

6. Preparer of application:

Name of person preparing application: Robert T. Hall

Mailing address: 315 75th Street West

City Bradenton State Florida Zip 34209

Telephone: (813) 794-1939

Affiliation with facility: County Utility Engineer

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(6)
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	506	10,000 max.	556
Processed tires	506	10,000 max.	556
TOTALS	506*	20,000 max.	556*

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 _____

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.

At this time, processed tires are used to supply much needed cover material at the
Lena Road Landfill. If, in the future, tire material is sold to a recycling facility,
it could be used for rubber mats, shoe soles, inks, a source of crude oil or
an asphalt paving additive.

* Tires are shredded and processed for immediate disposal.

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

2. Certification:

A. Applicant.

The undersigned applicant or authorized representative of Manatee County Public Works

is aware that statements made in this form and attached information are an application for a Tire Processing

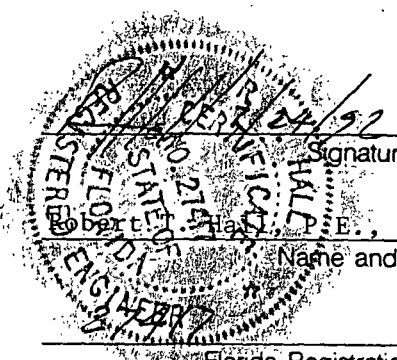
Permit from the Florida Department of Environmental Regulation and certifies that the information in this application is true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and 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.

_____ Signature of Applicant or Agent	<u>County Utility Engineer</u> 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.



_____ Signature	<u>315 75th Street West</u> Mailing address
<u>Robert D. Hay, P.E., County Utility Engineer</u> Name and title	<u>Bradenton, FL 34205</u> City, State, Zip
_____ Florida Registration Number	<u>(813) 794-1939</u> Telephone number

(Please affix seal)

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

WASTE TIRE STORAGE FACILITY OPERATION

Whole tires are accepted at the Lena Road Landfill Monday through Saturday from 8:00 AM to 5:00 PM. These tires are stored within the operating area of the landfill. The area has easy access for fire department inspections and fire fighting operations. The processing (shredding) is performed every 120 days or less in the same general location as storage. Then processed tires are immediately utilized as either daily cover material for the landfill, road base material or are disposed of. Shredded waste tires are sold to licensed permitted tire recycling facilities. Marketing studies are being performed in-house as to available markets for both the County infrastructure and private consensus for asphaltic mixtures, fuel, recreational materials, etc.

Closure plan schedule of the Lena Road Waste Tire Storage Processing Facility is the same as the existing permitted landfill.

In order to address each point of the tire storage concerns outlined in the DER 1990 Waste Tire Rule 17-711.540, Manatee County's statements are:

1. No indoor storage will occur.
2. a. There are no water bodies, wetlands, transitional wetlands or isolated wetlands within the 200 foot setback requirements. Stormwater and/or floodwaters are diverted from the area by means of a perimeter ditch.
 - b.1. Waste Tire Storage Dimensions - June 1992 - May 1995
 1. Width: 50 Feet
 2. Area: 18,200 Square Feet
 3. Height: 0 to 15 Feet
 - b.2. Waste Tire Storage Dimensions - June 1995 - July 1997
 1. Width: 50 Feet
 2. Area: 20,000 Square Feet
 3. Height: 0 to 15 Feet
- c. Fire lanes for easy access are maintained at all times, as determined by local fire inspectors.
- d. Routine mosquito control measures are implemented.
- e. All applicable rules, hours and tipping costs are posted and provided to each customer utilizing the landfill for waste tire processing.

- f. There are no fires within the confines of the landfill.
 - g. All roads to and surrounding waste tire storage and processing areas are shelled and maintained at all times. Passability will be strictly maintained.
 - h. Landfill site access is maintained through security gates and fences.
 - i. Staff is used to direct and maintain waste tire operations.
 - j. The storage and processing areas shall be sufficiently bermed to prevent runoff.
 - k. Fire protection services are provided by the Braden River Fire Department. Contact can be made with them by telephone. A letter concerning the fire safety survey is attached.
 - l. Appropriate communication equipment is readily available at the landfill site.
 - m. Maintenance of the storage and processing areas are continual. All potentially flammable underbrush and vegetation has been removed.
 - n. Emergency procedure manual has been developed and includes at a minimum:
 - 1. Names and numbers of after hours contacts.
 - 2. Fire Department numbers and procedures, emergency response equipment, and fire hydrant on site locations.
 - 3. Fire response procedures, including DER notification, etc.
 - o. All emergencies are promptly reported to DER and written follow-ups are provided within the required time frames.
 - p. All appropriate waste summaries are kept at the landfill site.
3. Storage and process procedures are the same as above.
4. Permitted Landfill - Not Applicable.

Page 3

5. All residuals from waste tire processing are disposed of as described above.
6. Not applicable at this time.



BRADEN RIVER

FIRE CONTROL and RESCUE DISTRICT

803 - 60th STREET CT. E. BRADENTON, FL 34208 813-746-7675

May 1, 1991

Mr. Gregory F. Yekaitis, Technical Coordinator
Manatee County Solid Waste Division
4501 66th Street West
Caller Service #25010
Bradenton, FL 34210

RE: Lena Road Landfill Tire Storage Inspection

I have conducted a fire safety inspection of the rubber tire storage area at the Lena Road Landfill and have found no fire safety problems exist. The storage area is located in an open area of the landfill with no visible ignition source or other ignitable exposures within 1000 feet.

Sincerely

A handwritten signature in black ink, appearing to read "C. L. Whitehurst III".

C. L. Whitehurst III
Deputy Fire Chief

cc: Landfill file

RECEIVED
MAY 8 - 1991
PUBLIC WORKS
RECYCLING