

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

NOTIFICATION 185599

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from PLANTE, BRUCE ADAMS & ASSOC Date 7/1/93

Address 102 1/2 S. MONROE ST. Dollars \$ 100⁰⁰/100

Applicant Name & Address TALLAHASSEE, FL. 32302

Source of Revenue Waste Tire General Permit, Small Processor

Revenue Code 001075 Application Number 6301

By J. Carpenter Frances Keith
Missie 20/93 292-6104

Pats 234493

DOCUMENT APPROVAL SLIP

(Attach to Document File Copy)

PROJECT: RINKER TIRE PROCESSING FACILITY GP

LOCATION: DADE CO.

PERMIT or CASE NO: WT 13 - 234493

SUBJECT: _____

DATE: 7/1/93

DOCUMENT ORIGINATOR SIGNATURE: WREK

APPROVED BY: [Signature]

APPROVED BY: V. Kamath

APPROVED BY: _____

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

DISTRICT ROUTING SLIP

TO: Joe Lurix

DATE: 7/16

C.C.
TO:

	PENSACOLA	Northwest District	
	PANAMA CITY	Northwest District Branch Office	
	TALLAHASSEE	Northwest District Branch Office	
	TAMPA	Southwest District	
	ORLANDO	Central Florida District	
	MELBOURNE	Central Florida District Branch Office	
	JACKSONVILLE	Northeast District	
	GAINESVILLE	Northeast District Branch Office	
	FORT MYERS	South Florida District	
	PUNTA GORDA	South Florida District Branch Office	
	MARATHON	South Florida District Branch Office	
✓	WEST PALM BEACH	Southeast Florida District	
	PORT ST. LUCIE	Southeast Florida District Branch Office	
Reply Optional <input type="checkbox"/> Reply Required <input type="checkbox"/> Info Only <input type="checkbox"/> Date Due: _____ Date Due: _____			

COMMENTS:

RECEIVED
POSTED
JUL 22 2 22 PM '86
234493
FLA. DEPT. OF ENVIRONMENTAL REGULATION
WEST PALM BEACH

FROM:

Bill Parker

TEL:

4c 292-6104

Pats 234493
State of Florida
Department of Environmental Regulation

District Routing Slip

To: Waste Tire Section Date: 7/13/93

CC To:

Pensacola	Northwest District	
Panama City	Northwest District Branch Office	
<input checked="" type="checkbox"/> Tallahassee	Northwest District Branch Office	
Apalachicola	Northwest District Satellite Office	
Tampa	Southwest District	
Punta Gorda	Southwest District Branch Office	
Bartow	Southwest District Satellite Office	
Orlando	Central District	
Melbourne	Central District Satellite Office	
Jacksonville	Northeast District	
Gainesville	Northeast District Branch Office	
Fort Myers	South District	
Marathon	South District Branch Office	
West Palm Beach	Southeast District	
Port St. Lucie	Southeast District Branch Office	

RECEIVED
JUL 15 1993
EA SOLID WASTE

Reply Optional ☐ Reply Required ☐ Info Only ☐
 Date Due: _____ Date Due: _____

Comments:

Please Process from Tallahassee
Any Questions please call Joe Kahn
(407) 433-2650 or Barb Jones.
This was sent down to us without
a permit Number or Credit. I tried calling
but couldnot reach anybody that could
help me. B

From:

B. Jones

Tel:

(407) 433-2650



Rinker

June 25, 1993

Rinker Materials Corporation
1501 Belvedere Road
West Palm Beach, FL 33406

P.O. Box 24635
West Palm Beach, FL 33416

Facsimile (407) 659-4361
Telephone (407) 833-5555

Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

**ATTN: Mr. William Hinkley, Chief
Bureau of Solid & Hazardous Waste**

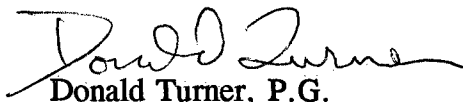
**RE: WASTE TIRE GENERAL PERMIT NOTIFICATION
RINKER MATERIALS CORPORATION
DADE COUNTY, FLORIDA**

Dear Mr. Hinkley:

Attached please find the above referenced General Permit Notification with attachments and a fee of \$25.00. Should there be any questions regarding this information please contact Mr. Michael Vardeman at (305) 221-7645.

Thank you.

Sincerely,


Donald Turner, P.G.
Environmental Services Manager

DT/pt

Attachment



Florida Department of Environmental Regulation

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

DER Form #	17-711.900(2)
Form Title	Waste Tire General Permit Notification
Effective Date	February 22, 1989
DER Application No.	(Filed in by DER)

Waste Tire General Permit Notification

Pursuant to Rule 17-711.801, Florida Administrative Code, the owners or operators of a qualifying waste tire collection center or small processing facility or mobile shredding, chopping, or cutting equipment shall submit the following information on this form to the Department.

1. Type and status of operation (check as many as apply):

Existing ☒ Proposed ☐

☐ Waste tire collection center

☐ Mobile shredding, chopping, or cutting equipment

☐ Small processing facility

☒ Other

2. Waste tire collection centers and small processing facilities must complete the following facility information:

a. Facility name: Rinker Materials Corporation - Cement Mill

b. Facility location:

Street address (main entrance) 1200 N.W. 137th Avenue

City Miami, County Dade, Zip 33182

Section 34, Township 53 South, Range 39 East

Latitude 25° 46' 48" N, Longitude 80° 25' 10" W

c. Name of property owner: Rinker Materials Corporation

d. Address of property owner: Same As Above

City _____ State _____ Zip _____

e. Telephone number of property owner: (305) 221-7645

3. Name of operator: Rinker Materials Corporation

4. Address of operator: Same as above

City _____ State _____ Zip _____

5. Telephone number of operator: (_____) _____

6. Describe the general operation of the facility or equipment (attach additional sheets, if necessary): _____

See Attachment "A"

7. Describe how the waste tire storage and handling requirements of Rule 17-711.540, F.A.C. will be met (attach additional sheets, if necessary): _____

See Attachment "A"

DER Form	17-711.900(2)
Form Title	Waste Tire General Permit Notification
Effective Date	February 22, 1989
DER Application No.	(Filed in by DER)

Trial Burn January 27-29, 1993
 Permanent Operation July 6, 1993

8. Date of beginning operation: _____
9. Quantities of waste tires, expressed in tons (assume there are 100 tires per ton or 10 tires per cubic yard):
- | | | | |
|----------------------|-------------|--------|---|
| Received per month: | <u>1200</u> | tons | *NOTE - Up to a 3-day rolling delivery interruption supply of tires (120 tons) may be maintained at the facility. (See #6 & 7 for additional details) |
| Stored on site: | <u>0</u> | * tons | |
| Processed per month: | <u>1200</u> | tons | |

10. Describe how and where the waste tires, processed tires, and residuals from processing will be disposed:
- See Attachment "A"
- _____
- _____

11. List mobile shredding, chopping, and cutting equipment processing locations during preceeding three months (Photocopies of Form 17-711.900(3) for each processing site may be attached in lieu of listing each site). Attach additional sheets, if necessary:

Name of facility or site: N/A

Site Location (main entrance)

Street address: _____

City _____ County _____ Zip _____

Latitude _____, Longitude _____

Site property owner: _____

Property owner address: _____

Property owner phone number: (_____) _____

12. Required attachments:
- a. Letter of notification to fire protection authority
 - b. General permit fee of \$25.00. (Rule 17-4, F.A.C.)

13. Certification:
- To the best of my knowledge and belief, I certify the information provided in this notification is true, accurate, and correct.

Michael D. Vardeman
 Name of Authorized Agent

Michael D. Vardeman
 Signature of Authorized Agent

6/24/93
 Date

Mobile Equipment Operators mail completed form to:
 Florida Department of Environmental Regulation
 Solid Waste Section
 Attention: Tires
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

Collection Centers and Small Processing Facilities
 mail completed form to
 the appropriate district office
 listed on page 1.

ATTACHMENT "A"

WASTE TIRE GENERAL PERMIT NOTIFICATION

RINKER MATERIALS CORPORATION

#6. Describe the general operation of the facility or equipment.

The facility, Rinker Materials Corporation (RMC) Cement Plant, produces Portland Cement. In this process, approximately 300 tons of coal per day are burned as fuel for the rotating cement kiln. Tires will be substituted for a portion of this fuel requirement. Pre-sorted tires will be delivered to the facility from a single contractor in container trailers. By a conveyor belt system, the tires are moved from a trailer to the kiln. Two tires are fed into the kiln at each revolution of the kiln which equates to about 4000 tires/day. The tire is totally consumed in the 2800°F kiln. The rubber component of the tire burns as a substitute/replacement fuel for coal. The metal beading of the tire is substituted/recycled for a portion of the iron and aluminum requirements of the cement manufacturing process and become a necessary part of the ultimate product, Portland Cement. Because of this process there are no residuals generated as a result of the use of the tires. Any tires that may be rejected prior to being conveyed to the kiln (should be minimal in number) are placed back into the container trailer and returned to the contractor. No tires are stored on site, although up to a 3-day rolling delivery interruption supply of tires may be maintained in container trailers.

#7. Describe how the waste storage and handling requirements of rule 17-711.540 F.A.C. will be met.

General

No tires will be stored on the ground or in the open. All tires are received in container trailers from a single contractor directly loaded into the fuel conveyor system to the kiln. Any rejects are returned to the container trailer and returned to the contractor. Up to a 3-day rolling supply of tires (120 tons) may be maintained on site in container trailers in order to insure against delivery disruptions.

Specific

17-711.540 Storage Requirements

- (1) N/A; Tires are not stored indoors. They are maintained in container trailers.
- (2) Tires are maintained in container trailers.

Attachment "A"

Waste Tire General Permit Notification

Page 2 of 3

- (a) Container trailers are not within 200' of a waterbody or in any wetland, traditional wetland or isolated wetland.
- (b) There is not, nor will there be, an outdoor waste or processed tire pile.
- (c) No waste tire pile will exist. Container trailers will be arranged to provide adequate emergency vehicle/equipment access.
- (d) No tire pile - no mosquitos or rodents. Should a problem develop, RMC will take appropriate steps to control.
- (e) N/A; Tires to be delivered to site in container trailers by one contractor.
- (f) No tire pile and no open flame.
- (g) Approach and access road will be kept passable at all times for any motor vehicles subject to security clearance.
- (h) Access to facility is controlled by fencing, gates and natural barriers.
- (i) An attendant shall be present at all times.
- (j) N/A; Tires are in container trailers at all times other than those being conveyed to the kiln.
- (k) Metro-Dade Fire Department has been notified. A fire safety survey has been conducted. Facility has its own on-site fire department.
- (l) Communication equipment exists and is functioning on-site so that the facility operator can contact local fire protection authorities in the event of a fire.
- (m) Tires are in container trailers, trailers are located in an area where there is no potentially flammable vegetation.
- (n) An emergency preparedness manual, updated upon changes in operation, has been prepared for the facility and is present on-site.
- (o) The department will be immediately contacted in the event of a fire or other emergency, related to the use of the tires, having the potential for off-site effects. A report on such an emergency will be prepared and submitted to the department within two weeks of the event.

Attachment "A"

Waste Tire General Permit Notification

Page 3 of 3

- (p) Records of the quantity of tires utilized at the facility will be maintained. No tires will be stored on site other than the maintenance of up to a 3-day rolling delivery interruption supply. No tires will be shipped from the site other than a minimal number of rejects which will be returned by container trailer to the supplier/contractor.
- (3) N/A
- (4) N/A; There will be no above ground piles.
- (5) No residuals will be produced.
- (6) N/A

#10. Describe how and where the waste tires, processed tires, and residuals from processing will be disposed.

Tire components will be either used as fuel or recycled as part of the manufacturing process. (See #1 above) No residuals will be generated from the tires. All tires delivered to the site will be utilized with the exception of a minimal number of rejects which will be placed back in the container trailer and returned to the supplier/contractor.



Rinker

June 25, 1993

Rinker Materials Corporation
1501 Belvedere Road
West Palm Beach, FL 33406

P.O. Box 24635
West Palm Beach, FL 33416

Facsimile (407) 659-4361
Telephone (407) 833-5555

Metro-Dade Fire Department
Station #13
6000 SW 87th Avenue
Miami, FL 33165

Gentlemen:


In accordance with the Florida Department of Environmental Regulation's Waste Tire General Permit Notification requirements, this is to serve notice that Rinker Materials Corporation Cement Plant located at 1200 NW 137th Avenue, Miami, FL 33182, will begin utilizing waste tires on July 6, 1993, as fuel in partial substitute for coal, which will continue to serve as the major fuel source. There will be no storage of tires at the facility. All tires will be delivered, pre-sorted, to the Cement Plant by a contractor in container trailers. By a conveyor system, the tires are moved from the trailer(s) to the cement kiln where they are utilized for their fuel and recyclable content. Any tires that may be rejected prior to being conveyed to the kiln (should be minimal in number) are placed back in the container trailer and returned to the suppliers/contractor. Approximately 4,000 waste tires/day will be consumed in this manner. No tires are stored on-site, although up to a 3-day rolling delivery interruption supply of tires may be maintained in container trailers.

Sincerely,

Donald Turner, P.G.
Environmental Services Manager

DT/pt

cc: Florida Dept. of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

FROM (COMPANY NAME) PLANTE BRUCE ADAMS & ASSOCIATES 102 1/2 S MONROE ST TALLAHASSEE FL 32301		ORIGIN AIRBILL NUMBER TLH 5770962116		AIRBORNE EXPRESS® EXECUTIVE OFFICES P.O. BOX 662 SEATTLE, WA 98111-0662  USE THIS AIRBILL FOR SHIPMENTS WITHIN THE U.S. & TO AND FROM PUERTO RICO. ABSENT A HIGHER SHIPMENT VALUATION, CARRIER'S LIABILITY IS LIMITED TO \$100 PER PACKAGE OR ACTUAL VALUE, WHICHEVER IS LESS. SPECIAL OR CONSEQUENTIAL DAMAGES ARE NOT RECOVERABLE. SEE TERMS AND CONDITIONS ON REVERSE SIDE OF THIS NON-NEGOTIABLE AIRBILL. 85C4C-AIRB - FED. I.D. NO. 91-2837469
ADDRESS 102 1/2 S MONROE ST		4 CUSTOMER AIRBORNE EXPRESS ACCOUNT NUMBERS 80281664		
CITY STATE ZIP CODE (REQUIRED) TALLAHASSEE FL 32301		SENDER 80281664		
SENT BY (NAME/DEPT.) PHONE SCOTT BENYON 904-224-5684		RECEIVER		
2 TO (COMPANY NAME) METRO-DADE FIRE DEPT. - STATION #13 ADDRESS 6000 SW 87TH AVENUE		5 METHOD OF PAYMENT (ASSUMED SENDER UNLESS OTHERWISE NOTED) <input checked="" type="checkbox"/> BILL SENDER <input type="checkbox"/> BILL RECEIVER Airborne Account No. <input type="checkbox"/> BILL 3RD PARTY <input type="checkbox"/> PAID IN ADVANCE Check No. Amount BILLING REFERENCE (WILL APPEAR ON INVOICE) TH1785		
CITY STATE ZIP CODE (REQUIRED) Miami FL 33145		6 NO. OF PKGS. WEIGHT (LBS.) LX		
ATTN: (NAME/DEPT.) PHONE 305-596-8585		7 CHECK IF <input checked="" type="checkbox"/> LETTER EXPRESS <input type="checkbox"/> EXPRESS PACK		
CEMENT Mill / WASTE TIRE PERMIT NOTIF.		SPECIAL INSTRUCTIONS <input type="checkbox"/> SATURDAY DELIVERY <input type="checkbox"/> HOLD AT AIRBORNE EXPRESS <input type="checkbox"/> LAB PACK <input type="checkbox"/> SELECT DELIVERY SERVICE		
<input type="checkbox"/> DECLARED VALUE OR FULL INSURANCE SHIPMENT VALUATION \$ PREPRINT FORMAT NO. 3075291		THANK YOU FOR SHIPPING WITH AIRBORNE EXPRESS		
SENDER SIGNATURE 7-1-93		AIRBORNE SIGNATURE		
DATE		DATE TIME ROUTE		
		No.		

SENDER'S COPY