



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #62-701.900(23)

Form Title: Waste Tire Processing
Facility Permit Application

Effective Date: January 6, 2010

Incorporated in Rule 62-711.530(6)

Waste Tire Processing Facility Permit Application

Permit No. 307930-001-WT

Renewal ☒ Modification ☐ Existing unpermitted facility ☐ Proposed new facility ☐

Part I-General Information:

A. Applicant Information:

1. Applicant Name: MMD Enterprises, Inc.
2. Applicant Street Address: 9975 NW 88th Ave
3. City: Medley County: Miami Dade Zip: 33178
4. Applicant Mailing Address: 9975 NW 88th Ave
5. City: Medley County: Miami Dade Zip: 33178
6. Contact person: Elias Dammous Phone: 7869424299 FEID No: 20-1918347

7. Have any enforcement actions been taken by the Department against the applicant relating to the operation of any solid waste management facility in this state? This includes any Complaint, Notice of Violation, or revocation of a permit or registration, as well as any Consent Order in which a violation of Department rules is admitted. It does not include a Warning Letter, Warning Notice, Notice of Noncompliance, or other similar document which does not constitute agency action.

Yes ☐

No ☒

If yes, attach a history and description of the enforcement actions.

B. Facility Information:

1. Facility Name: MMD Enterprises, Inc.
2. Facility Street Address (Main Entrance): 9975 NW 88th Ave
3. City: Medley County: Miami Dade Zip: 33178
4. Facility Mailing Address: 9975 NW 88th Ave
5. City: Medley State: FL Zip: 33178
6. Contact Person: Elias Dammous Phone: 7869424299
7. Facility Location Coordinates:
Section: 4 Township: 53 Range: 40
Latitude: _____ Longitude: _____
8. Anticipated date for starting construction Existing and for completion of construction _____
9. Anticipated date for receipt of tires Continuous and for start of processing Continuous

Mail completed form to
appropriate district office listed below

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky
Temple Terrace, FL
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
239-332-6975

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

C. Land Owner Information (if different from applicant):

1. Owner's name: Medley Industrial
2. Land owner's mailing address: 10598 NW South River Drive
3. City: Miami State: FL Zip: 33178
4. Authorized Agent: Art Littman Agent's phone: 3058831921
5. Current lease expires: October 31, 2022

D. Facility Operator Information (if different from applicant):

1. Operator's name: Same as applicant
2. Operator's mailing address: _____
3. City: _____ State: _____ Zip: _____
4. Contact person: _____ Phone: () _____

E. Preparer of Application:

1. Name of person preparing application: Wilford Zephyr, P.E. Zephyr Engineering, Inc.
2. Mailing address: 5451 Pierce Street
3. City: Hollywood State: FL Zip: 33021
4. Phone: 7863027693
5. Affiliation with facility: Engineer

Part II-Operations:

A. Facility type (check appropriate box):

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

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

- ☐ Shredder ☐ Cutter ☐ Chopper ☐ Incinerator only ☐ Incinerator with energy recovery
- ☐ Pyrolysis ☐ Supplemental fuel user ☒ Other, explain Storage and Distribution

C. Storage: Indicate the maximum quantities of whole waste tires, processed waste tires, and processing residuals, expressed in tons, to be stored at the facility, in accordance with Rule 62-711.530(2), F.A.C.

	Outdoor Storage(tons)	Outdoor Storage (sq.ft)	Indoor Storage (tons)	Indoor Storage (sq.ft)	Total Storage (tons)
Whole waste tires:	_____	_____	<u>120</u>	_____	<u>120</u>
Processed tires:	_____	_____	_____	_____	_____
Processing residuals:	_____	_____	_____	_____	_____
TOTALS:	_____	_____	<u>120</u>	_____	_____

- D. For reporting quantity of tires in tons, tires will be: weighed on site ☐ weighed off site ☒
weights will be calculated ☐
- E. 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.

1. Name of facility Liberty Tire Recycling

2. Street address: 9675 Range Line Rd

3. City: Port St Lucie County: St. Lucie Zip: 34987

- F. Facilities that will be delivering processed tires to consuming facilities must describe the existing or proposed markets for those processed tires.

We serve the Caribbean and South American Markets

Part III-Attachments:

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. 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 used tires, unprocessed waste tires, processed waste tires, and waste tire processing residuals;
 - b. All wetlands and water bodies within the facility or within 200 feet of any storage area;
 - c. Stormwater control measures, including ditches, dikes, and other structures;
 - d. Boundaries of the facility, legal boundaries of the land containing the facility, and any easements or rights of way that are within the facility or within 200 feet of any storage area;
 - e. Location, size, and depth of all wells within the facility or within 200 feet of any storage area;
 - 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 firelanes;
 - i. Location of all fences, gates, and other access control measures; and
 - j. Location of all disposal areas within the facility.

B. Facility operation.

1. A description of the facility's operation, process and products including how waste tires will be received and stored.
2. A description of the equipment used for processing tires. This description shall include the make, model, and hourly capacity of each piece of equipment.
3. Description of the waste from the process, the amount of waste expected and how and where this waste will be disposed of.
4. Statement of the maximum daily throughput and the planned daily and annual throughput.
5. A description of how the operator will maintain compliance with each of the storage requirements of Rule 62 - 711.540, F.A.C.
6. A copy of the emergency preparedness manual for the facility with a statement of the on site and off site locations where that manual will be maintained.
7. A copy of the fire safety survey
8. A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.

- C. Completed closing plan for the facility as required by Rule 62-711.700(2) and (3), F.A.C.

- D. Attach proof of financial responsibility as requirement by Rule 62 -711.500(3) OR a calculation showing that financial assurance documents, currently on file with the Department, are sufficient to assure closing of the waste tire site as well as any other solid waste management facility at that location.
- E. A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire processing facility.
- F. If waste tires will be consumed or disposed of at the facility, attach a description of the other environmental permits that the applicant has for this use, including, permit number, date of issue, and name of issuing agency
- G. The permit fee as required in Rule 62-4, F.A.C.

Part IV-Certification:**A. Applicant:**

The undersigned applicant or authorized representative of MMD Enterprises, Inc.
 Is aware that statements made in this form and attached information are an application for a
FDEP Waste Tire Permit from the Florida Department of Environmental Protection and certifies that
 The information in this application is true, correct and complete to the best of his knowledge and belief.
 Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and
 regulations of the Department. It is understood that the Department will be notified prior to the sale or legal transfer
 of the facility.

Signature of Applicant or Authorized Agent

Elias Dammous Pres

Name and Title

1/18/2018

Date

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 judgment, this facility, when properly maintained and operated will comply with all applicable statutes of
 the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a
 set of instructions for proper maintenance and operation of the facility.

Wilford Zephyr
 Signature

5451 Pierce Street
 Mailing Address

Wilford Zephyr, P.E. / President
 Name and Title

Hollywood, FL 33021
 City, State, Zip

76036
 Florida Registration Number

(786) 302-7693
 Telephone number



1-19-18
 Date

ZEPHYR ENGINEERING INC.

A Civil Engineering Firm

Tel: (786)302-7693 • Email: wzephyreng@gmail.com

January 19, 2018

Francisco T. Calleja, P.E.

Miami-Dade County

Department of Regulatory and Economic Resources

Pollution Regulation Division – 7th Floor

701 NW 1st Court

Miami, FL 33136

RE: FDEP Permit No. 307930-001-WT

MMD Enterprises, Inc.

9975 NW 88 Avenue

Miami, FL 33178

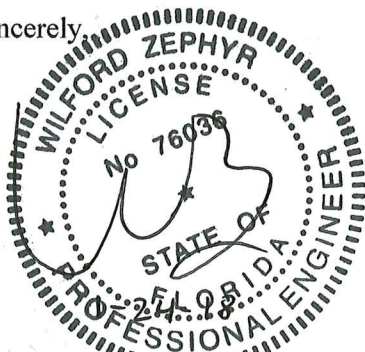
Dear Mr. Calleja,

This is to certify that the plan for the above-referenced property has not change from the previously permitted plan. The use and operations remains the same as per the existing FDEP permit. The items previously approved by FDEP on September 2011 include the following:

- “Site Plan” dated July 2011
- “Process Description of MMD Enterprises, Inc.” dated July 2011
- “Contingency Plan - MMD Enterprises, Inc.” dated July 2011
- “Disposal of Unwanted Waste - MMD Enterprises, Inc.” dated July 2011
- “Closure Plan for MMD Enterprises, Inc.” dated July 2011

Please call or email me if you require any additional information.

Sincerely,



Wilford Zephyr, P.E., LEED AP, CFM

ZEPHYR ENGINEERING INC.

A Civil Engineering Firm

Tel: (786)302-7693 • Email: wzephyreng@gmail.com

January 19, 2018

Johnny Vega, P.E.

Miami-Dade County

Department of Regulatory and Economic Resources

Pollution Regulation Division – 7th Floor

701 NW 1st Court

Miami, FL 33136

RE: FDEP Permit No. 307930-001-WT

MMD Enterprises, Inc.

9975 NW 88 Avenue

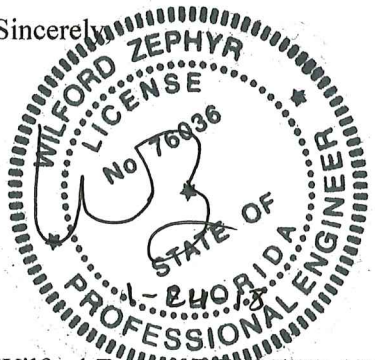
Miami, FL 33178

Dear Mr. Vega,

The actual cost of removing and disposing of 12,000 tires from MMD Enterprises, Inc., located at 9975 NW 9975 Avenue, Miami, FL, is \$6,800. However, a disposal cost of \$1.18 per unit, as published by the State of Florida (which covers up to the year of 2014) will be used for this estimate. This provides a total cost of \$14,160 to dispose of 12,000 tires. This represents the most expensive closure cost.

Please call or email me if you require any additional information.

Sincerely,



Wilford Zephyr, P.E., LEED AP, CFM