



ENVIRONMENTAL SERVICES

Mulberry, Florida

SOLID WASTE PROCESSOR

PERMIT APPLICATION

FLR 000 176 271

June, 2018



Florida Department of Environmental Protection

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

DEP Form #: 62-701.900(4), F.A.C.
Form Title: Application to Construct, Operate, or
Modify a Waste Processing Facility
Effective Date: August 12, 2012
Incorporated in Rule: 62-701.710(2), F.A.C.

APPLICATION TO CONSTRUCT, OPERATE, OR MODIFY A WASTE PROCESSING FACILITY

GENERAL REQUIREMENT: Solid Waste Management Facilities shall be permitted pursuant to Section 403.707, Florida Statutes (F.S.) and in accordance with Florida Administrative Code (F.A.C.) Chapter 62-701. A minimum of four copies of the application shall be submitted to the Department District Office having jurisdiction over the facility. The appropriate fee in accordance with subsection 62-701.315(4), F.A.C., shall be submitted with the application by check made payable to the Department of Environmental Protection (DEP). Complete appropriate sections for the type of facility for which application is made and include all additional information, drawings, and reports necessary to evaluate the facility.

Please Type or Print in Ink

A. GENERAL INFORMATION

1. Type of facility (check all that apply):

☐ Transfer Station:

☐ C&D

☐ Class III

☐ Class I

☐ Other Describe: _____

☐ Materials Recovery Facility:

☐ C&D Recycling

☐ Class III MRF

☐ Class I MRF

☐ Other Describe: _____

☒ Other Facility That Processes But Does Not Dispose Of Solid Waste On-Site:

☐ Storage, Processing or Disposal for Combustion Facilities (not addressed in another permit)

☒ Other Describe: Solid waste management at Used Oil Processor

NOTE: C&D Disposal facilities that also recycle C&D shall apply on DEP Form 62-701.900(6), F.A.C.

2. Type of application:

☒ Construction/Operation

☐ Operation without Additional Construction

3. Classification of application:

☐ New

☐ Substantial Modification

☒ Renewal

☐ Intermediate Modification

☐ Minor Modification

4. Facility name: Raider Environmental Service, Inc.

5. DEP ID number: _____ County: Polk

6. Facility location (main entrance): 5080 State Route 60 East, Mulberry, Florida

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8300

Northeast District
7777 Baymeadows Way W, Ste 100
Jacksonville, FL 32256-7590
904-256-1700

Central District
3319 Maguire Blvd, Ste 232
Orlando, FL 32803-3767
407-897-4100

Southwest District
13051 N Telecom Pkwy
Temple Terrace, FL 33637
813-632-7600

South District
2295 Victoria Ave, Ste 364
Fort Myers, FL 33901-3881
239-344-5600

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

7. Location coordinates:

Section: _____ Township: _____ Range: _____

Latitude: _____ ° _____ ' _____ " Longitude: _____ ° _____ ' _____ "

Datum: _____ Coordinate Method: _____

Collected by: _____ Company/Affiliation: _____

8. Applicant name (operating authority): Raider Environmental Services, Inc.

Mailing address: 4103 NW 132nd Street Opa Locka FL 33054
 Street or P.O. Box City State Zip

Contact person: Steve Obst Telephone: (305) 994-9949

Title: President	steve@raiderenvironmental.com
	E-Mail address (if available)

9. Authorized agent/Consultant: Jones Ecosystem Management

Mailing address: 4103 NW 132nd Street Opa Locka FL 33054

Street or P.O. Box City State Zip

Contact person: John M. Jones Telephone: (479) 353-1368

Title: Professional Engineer johnmjonespe@sbcglobal.net
E-Mail address (if available)

10. Landowner (if different than applicant):

Mailing address: _____

Street or P.O. Box	City	State	Zip

Contact person: _____ Telephone: (____) _____

E-Mail address (if available)

11. Cities, towns and areas to be served: Central, Southwest, and Northeast Florida

12. Date site will be ready to be inspected for completion: Completed

13. Estimated costs:

Total Construction: \$ 15,000.00 (Solid Waste) Closing Costs: \$ 53,000 (Total facility)

14. Anticipated construction starting and completion dates:

From: Completed To:

15. Expected volume of waste to be received: Variable yds³/day _____ tons/day _____

16. Provide a brief description of the operations planned for this facility: Solid wastes will be accepted in either 55-gallon drums or roll-off containers. Wastes may be consolidated for shipment.
- Solidification to allow placement in landfills may be performed. All wastes will be shipped to permitted facilities for disposal.

B. ADDITIONAL INFORMATION

Please attach the following reports or documentation as required.

1. Provide a description of the operation of the facility that shall include (62-701.710(2)(a), F.A.C.):
 - a. The types of materials, i.e., wastes, recyclable materials or recovered materials, to be managed or processed;
 - b. The expected daily average and maximum weights or volumes of materials to be managed or processed;
 - c. How the materials will be managed or processed;
 - d. How the materials will flow through the facility including locations of the loading, unloading, sorting, processing and storage areas;
 - e. The types of equipment that will be used;
 - f. The maximum time materials will be stored at the facility;
 - g. The maximum amounts of wastes, recyclable materials, and recovered materials that will be stored at the facility at any one time; and
 - h. The expected disposition of materials after leaving the facility.
2. Attach a site plan, signed and sealed by a professional engineer registered under Chapter 471, F.S., with a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site (62-701.710(2)(b), F.A.C.).
3. Provide a boundary survey and legal description of the property (62-701.710(2)(c), F.A.C.).
4. Provide a construction plan, including engineering calculations, that describes how the applicant will comply with the design requirements of subsection 62-701.710(3), F.A.C. (62-701.710(2)(d), F.A.C.).
5. Provide an operation plan that describes how the applicant will comply with subsection 62-701.710(4), F.A.C. and the recordkeeping requirements of subsection 62-701.710(8), F.A.C. (62-701.710(2)(e), F.A.C.).
6. Provide a closure plan that describes how the applicant will comply with subsection 62-701.710(6), F.A.C. (62-701.710(2)(f), F.A.C.).
7. Provide a contingency plan that describes how the applicant will comply with subsection 62-701.320(16), F.A.C. (62-701.710(2)(g), F.A.C.).
8. Unless exempted by subparagraph 62-701.710(1)(d)1., F.A.C., provide the financial assurance documentation required by subsection 62-701.710(7), F.A.C. (62-701.710(2)(h), F.A.C.).
9. Provide a history and description of any enforcement actions by the applicant described in subsection 62-701.320(3), F.A.C. relating to solid waste management facilities in Florida. (62-701.710(2), F.A.C. and 62-701.320(7)(i), F.A.C.)
10. Provide documentation that the applicant either owns the property or has legal authorization from the property owner to use the site for a waste processing facility (62-701.710(2), F.A.C. and 62-701.320(7)(g), F.A.C.)

C. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of Raider Environmental Services, Inc.

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

 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/her 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 permitted facility.

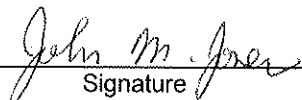

Signature of Applicant or Agent
Steve Obst, owner
Name and Title (please type)
steve@raiderenvironmental.com
E-Mail address (if available)

4103 NW 132nd Street
Mailing Address
Opa Locka, FL 33054
City, State, Zip Code
(305) 994-9949
Telephone Number
6/10/2018
Date

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

2. Professional Engineer registered in Florida (or Public Officer if authorized under Sections 403.707 and 403.7075, Florida Statutes):

This is to certify that the engineering features of this waste processing facility have been designed/examined by me and found to conform to engineering principles 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 of proper maintenance and operation of the facility.


Signature
John M. Jones
Name and Title (please type)
50227
Florida Registration Number
(please affix seal)

4103 NW 132nd Street
Mailing Address
Opa Locka, FL 33054
City, State, Zip Code
johnmjonespe@sbcglobal.net
E-Mail address (if available)
(479) 353-1368
Telephone Number
6/10/2018
Date

Process Description for Solid Waste Management

Raider Environmental Services
Mulberry, Florida

Solid waste may be received at the facility in either drums or roll-off containers. The waste is unloaded at the solid waste storage area as shown in the site diagram. Secondary containment is provided by asphalt curbs inside the storage building.

Typically, the solid wastes are generated by either remediation activities, site investigations, or industrial processes. Raider requires the generator to perform waste characterization or utilize process knowledge to demonstrate that the waste is not hazardous, as defined in Florida Administrative Code 62-730. The wastes may also be oily wastes associated with used oil activities.

The quantities of waste received daily will vary between zero (0) and thirty (30) tons. Since the processes generating the waste are episodic, it is impractical to calculate daily averages.

Raider may either ship the wastes directly to a permitted disposal or recycling facility, or perform one or more of the following operations prior to disposal:

1. Consolidation: In the case where waste is received in 55-gallon drums, Raider may choose to combine the contents of the drums into a roll-off container. Drums will be opened only while the transfer is taking place. Empty drums will be cleaned and managed as empty containers.
2. Solidification: If the solid waste contains liquids or is a sludge that would not pass the Paint Filter test, solidification agents (absorbents, cement, sawdust, clay, etc.) may be mixed with the waste. Mixing will be accomplished in the roll-off container using a backhoe or other similar equipment. The additives will be blended at a rate that minimizes dust generation. All workers will wear the appropriate Personal Protective Equipment, including respiratory protection.

The maximum time that materials will be stored is 30 days.

The maximum amount of solid waste stored at the facility, including treated material, will be 40 tons.

Wastes leaving the facility will either be recycled for energy recovery or disposed of in a landfill. All shipments will be sent to facilities fully permitted to accept the types of wastes shipped.

SOLID WASTE CLOSURE PLAN INTRODUCTION

Raider Environmental Services is a company engaged in the collection, transport, storage and processing of used oil, oily wastewater, and solid wastes. At the Mulberry facility, containers of solid waste are accumulated for shipment or consolidated per the Operating Plan. The facility is located at 5080 East State Route 60, Mulberry, Florida. The following Closure Plan has been prepared for Raider Environmental Services pursuant to the requirements set forth in Rule 62-701.710(6), Florida Administrative Code (FAC). A copy of this Closure Plan will also be maintained on file at the Raider Environmental Services facility.

PROCESS DESCRIPTION

Raider Environmental Services operates a waste oil collection, transportation, processing and recycling business with serves a variety of automotive commercial and industrial businesses throughout Florida. This document deals with the proposed solid waste operations.

SOLID WASTE OPERATIONS

Solid waste may be received at the facility in either drums or roll-off containers. The waste is unloaded at the solid waste storage area as shown in the site diagram. Secondary containment is provided by asphalt curbs inside the storage building.

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FACILITY CLOSURE PROCEDURES

In the event that the Raider Environmental Services facility is closed, steps will be taken to ensure that: (1) there will be no need for further facility maintenance; (2) hazardous constituents will not contaminate surface or groundwater; (3) secondary containment and ancillary equipment including the storage area for drums will be emptied, cleaned and decontaminated, and all materials removed and managed.

The above requirements will be met by closing the hazardous waste storage area and assessing the site. These activities will include:

1. Notification of Polk County and FDEP at least 30 days prior to closure of the solid waste storage area.
2. Shipment of all containers of solid waste to permitted facilities.
3. Pressure wash rinsing of all containment areas and the storage area.
4. A representative sample of the rinse water will be sampled and analyzed for hazardous constituents based on the material that was managed in the solid waste storage area. The rinse water will be managed in accordance with all applicable regulations.
5. In the event there is evidence of spillage or contamination outside the containment area, representative soil samples in the suspected area will be taken. In addition, groundwater contamination assessment and possibly remedial activities will be conducted in accordance with Rule 62-780, FAC.

A closure certification report will be submitted to certify closure was completed in accordance with the closure plan. Soil sample locations will be identified and FDEP approval for the sampling locations will be obtained prior to implementing the sampling plan. All liquid and soil samples will be analyzed for the same constituents as those managed in the solid waste area.