

Date: June 30, 2017	Project Title	Used Oil Processing Facility & Solid Waste Permit Applications
EPA I.D. No. FLD 982 162 943	Site Name:	January Environmental Services, Inc
	Site Address:	1920 State Road 60 W Bartow, Florida 33830-4261

ATTACHMENT B
PROCESS FLOW

Project No. 021709	
https://d.docs.live.net/f21d013299119990/GeoTech Environmental/Projects/2017/021709 - January Environmental Inc - Application and Modification 2017/10 - Report/2017-08-02_Renewal of Used Oil Permit Application Rev 1 nl BK.docx	

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B: FACILITY'S DETAILED PROCESS DESCRIPTION

B1 General

As required in the DEP Form 62-710.901(6) (effective date 4-23-13), the Department should refer to the following information:

Figure 1 is the standard USGS contour map that provides a map scale and date.

Figure 2 shows the facility area indicating all current and proposed storage tanks location, processing areas, where the used oil is received, stored and off loaded, and secondary containment areas including the location of waste material storage. **Figure 6** shows the 100-year flood plain area (FEMA Map).

A waste traffic flow pattern is also shown in **Figure 7** which is the same and not changed from the existing permit. **Table 1** provides the tank size, date of installation, specifications, volumes, and including dimensions of the secondary containment areas.

In accordance to 40 CFR 279.56, JESI maintains a record of each used oil shipment accepted for processing. Records for each shipment will include at a minimum the following acceptance and delivery information:

1. The name and address of the transporter who delivered the used oil to the processor/re-refiner.
2. The name and address of the generator or processor/re-refiner from whom the used oil was sent for processing/re-refining.
3. The EPA identification number of the transporter who delivered the used oil to the processor/re-refiner.
4. The EPA identification number (if applicable) of the generator or processor/re-refiner from whom the used oil was sent for processing/re-refining.
5. The quantity of used oil accepted; and the date of acceptance.

B2 Delivery Information

JESI will keep a record of each shipment of used oil that is shipped offsite. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

1. The name and address of the transporter who delivers the used oil to the burner, processor/re-refiner or disposal facility.
2. The name and address of the burner, processor/re-refiner or disposal facility who will receive the used oil.
3. The EPA identification number of the transporter who delivers the used oil to the burner, processor/re-refiner or disposal facility.
4. The EPA identification number of the burner, processor/re-refiner, or disposal facility who will receive the used oil
5. The quantity of used oil shipped; and the date of shipment.

The records described above will be maintained for at least three years.

B3 Transportation

All used oil accepted by JESI vehicles will be delivered to the JESI facility for processing using the two tanker trucks currently owned by the firm. JESI will comply with all USDOT regulations as described in 40 CFR, which are applicable to JESI standard operation(s). Each JESI vehicle utilized for transporting used oil will contain a Spill Contingency Plan, cellular/two-way radiophone, fire extinguisher, Tekmate halogen tester or other equivalent halogen

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testing device, Clor-D-Tect test kit, and Spill Containment Kit. All drivers will be trained as per the SPCC Plan and in accordance to the 40 CFR Part 112. If a spill occurs, JESI will take immediate action as described within the SPCC Plan and as required under 40 CFR Part 279.43 (2 through 5).

B4 Unloading and Loading Station

The truck wagon loading and unloading areas are located to the north of the property as shown in **Figure 2** for liquid wastes that arrive at the site. The product transfer will occur within the concrete ramp and secondary containment #1.

B5 Used Oil Processing

The used oil processing discussed in previous permit applications have changed as the Sharpless Horizontal Super-D-Canter, the Sweco Separator and the Westalia OSB 35 Unitrol Centrifuge and including related components (control panel, electric motor, fan system, differential electric drive, and stairway) are now removed.

B6 Byproduct Management

All waste sludge collected in the 10 cubic yard roll off located in the secondary containment will be analyzed, profiled, and characterized for disposal parameters required by approved recycling facilities.

All oil will be screened for halogens using a Tekmate halogen tester or other equivalent halogen testing device. Results of halogen screening will be presented on the used oil manifest. JESI will utilize the ASTM D-5384 and USEPA SW-846 Method 9077 using Clor-D-Tect 1000 sample kits provided by Dexsil Corporation. Clor-D-Tect is used to provide a presence of chlorinated organics (halogens) at a level of 1,000 ppm. If oil contains less than or equal to 999 ppm total halogens, JESI will accept the material. If the halogen tester detects no halogens, the used oil is accepted. JESI may utilize on-site, contract laboratories, and/or laboratory capabilities of its affiliate companies to satisfy the requirements of its waste analysis plan.

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