



# Florida Department of Environmental Protection

Northeast District  
7825 Baymeadows Way, Suite B200  
Jacksonville, Florida 32256

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

May 13, 2011

**SENT VIA EMAIL**

[kurt@alachuacounty.us](mailto:kurt@alachuacounty.us)

Mr. Kurt Seaburg, Director  
Alachua County HHW Collection Facility  
5125 Northeast 63<sup>rd</sup> Ave  
Gainesville, Florida 32609

**Re: Alachua County HHW Collection Facility  
EPA/DEP ID: FLR 000 057 158  
Alachua County - Hazardous Waste**

Dear Mr. Seaburg:

Thank you for your assistance during the hazardous waste compliance inspection conducted by the Florida Department of Environmental Protection at your facility on March 16, 2011. Enclosed is the report that documents this inspection.

Your continued cooperation is appreciated. If you have any questions regarding this report or hazardous waste regulation in general, please contact me at 904.256.1671.

Sincerely,

A handwritten signature in blue ink that reads "Jabe Breland III". To the right of the signature is a small blue square icon.

Jabe Breland III  
Environmental Specialist III  
Hazardous Waste Section

Enclosure(s)



Florida Department of  
Environmental Protection  
Hazardous Waste Inspection Report

**FACILITY INFORMATION:**

**Facility Name:** Alachua County HHW Collection Center  
**On-Site Inspection Start Date:** 03/16/2011      **On-Site Inspection End Date:** 03/16/2011  
**ME ID#:** 34514      **EPA ID#:** FLR000057158  
**Facility Street Address:** 5125 NE 63rd Ave, Gainesville, Florida 32609-5515  
**Contact Mailing Address:** 226 S Main St, Gainesville, Florida 32601-6538  
**County Name:** Alachua      **Contact Phone:** (352) 955-2442

**NOTIFIED AS:**

Non-Handler

**INSPECTION TYPE:**

Routine Inspection for CESQG (<100 kg/month) facility

**INSPECTION PARTICIPANTS:**

Principal Inspector: Jabe Breland III, Inspector  
Other Participants: Kurt Seaberg, Director

**LATITUDE / LONGITUDE:** Lat 29° 42' 58.1978" / Long 82° 15' 25.9511"

**SIC CODE:** 4212 - Trans. & utilities - local trucking, without storage

**TYPE OF OWNERSHIP:** County

**Introduction:**

Alachua County HHW Collection Center (HHW) was inspected on March 16, 2011, as a pre-arranged inspection. The facility was previously inspected by the FDEP in 2005, and it was determined to be a Non-Handler of hazardous waste. The facility has been assigned the EPA ID number FLR000057158. Please use this number on all hazardous waste manifests and on future correspondence with the FDEP.

The HHW is a municipal collection center for residential hazardous waste. The facility began producing biodiesel from residential cooking oils approximately nine months ago. The biodiesel operation was the only portion of the facility that was inspected. The HHW was not a part of this inspection.

**Process Description:**

**Inspection:**

The facility receives used cooking oils from local residents, which it uses as an ingredient to make biodiesel. The facility operates a self-contained unit, called BioPro 190, for making the biodiesel. The facility adds approximately 50 gallons of cooking oil, 10 gallons of methanol, and 2500 grams of potassium hydroxide. Since the unit is self-contained, the outputs are wastewater, hazardous waste glycerol, and usable biodiesel that is added to regular diesel and then used in county vehicles. Wastewater is collected in a 55-gallon drum (Photo 1). Waste glycerol is collected in a separate 55-gallon drum (Photo 2), which was almost full. The facility performed a waste determination on this glycerol byproduct, and it was determined that the flashpoint is 104 degrees Fahrenheit. At the time of the inspection, the facility had not disposed of any waste glycerol to date. The facility should ensure that this D001 hazardous waste is disposed of at a facility permitted to accept hazardous waste. At the time of the inspection, this was the only hazardous waste glycerol generated from the biodiesel process to date.

The facility generates 10-12 gallons of hazardous waste glycerol per batch. Batches are not run on a regular scheduled basis due to the inconsistency of their supply of waste cooking oil. The FDEP

Inspection Date: 03/16/2011

recommends keeping a log documenting dates and volume of waste cooking oil received for processing, dates and volume of waste cooking oil processed, dates and volume of byproduct and hazardous waste generated, and dates and volume of byproduct shipped offsite as a hazardous waste (or for reuse).

**Records:**

The facility should keep documentation of hazardous waste disposal for a minimum of three years. Since the HHW is the generator of the hazardous waste glycerol, the facility is operating as a Conditionally Exempt Small Quantity Generator of hazardous waste.

**Summary of Potential Violations and Areas of Concern:**

Potential Violations

No Violations

Areas of Concern

No Areas of Concern

**ATTACHMENTS:**

Photo 1



Photo 2 - waste glycerol



Inspection Date: 03/16/2011

**Signed:**

A hazardous waste compliance inspection was conducted on this date, to determine your facility's compliance with applicable portions of Chapters 403 & 376, F.S., and Chapters 62-710, 62-730, 62-737, & 62-740 Florida Administrative Code (F.A.C.). Portions of the United States Environmental Protection Agency's Title 40 Code of Federal Regulations (C.F.R.) 260 - 279 have been adopted by reference in the state rules under Chapters 62-730 and 62-710, F.A.C. The above noted potential items of non-compliance were identified by the inspector(s).

This is not a formal enforcement action and may not be a complete listing of all items of non-compliance discovered during the inspection.

Jabe Breland III \_\_\_\_\_

**PRINCIPAL INSPECTOR NAME**

Inspector \_\_\_\_\_

**PRINCIPAL INSPECTOR TITLE**



\_\_\_\_\_  
**PRINCIPAL INSPECTOR SIGNATURE**

FDEP \_\_\_\_\_

**ORGANIZATION**

5/12/2011 \_\_\_\_\_

**DATE**

Kurt Seaberg \_\_\_\_\_

**REPRESENTATIVE NAME**

Director \_\_\_\_\_

**REPRESENTATIVE TITLE**

NO SIGNATURE \_\_\_\_\_

**REPRESENTATIVE SIGNATURE**

HHW \_\_\_\_\_

**ORGANIZATION**

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Potential Violations" or areas of concern.