



## Florida Department of Environmental Protection

Southwest District Office  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Jonathan P. Steverson  
Secretary

October 24, 2016

Mike Zellars, Vice President  
Aqua Clean Environmental Co, Inc./Florida Recycling Solutions LLC  
3210 Whitten Rd.  
Lakeland, FL 33811  
[mszellars@acelkd.com](mailto:mszellars@acelkd.com)

Re: Aqua Clean Environmental Co, Inc./Florida Recycling Solutions LLC  
Facility ID: FLR000034033  
Polk County

Dear Mr. Zellars:

Department personnel conducted a compliance inspection of the above-referenced facility on September 8, 2016. Based on the information provided during the inspection, the facility was determined to be in compliance. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Rick Vaughn at (813) 470-5799 or via e-mail at: [richard.vaughn@dep.state.fl.us](mailto:richard.vaughn@dep.state.fl.us).

Sincerely,

A handwritten signature in black ink, appearing to read "R. Vaughn", is written over a horizontal line.

Rick Vaughn  
Environmental Manager  
Compliance Assurance Program  
Southwest District  
Florida Department of Environmental Protection

Enclosures: Inspection Report

ec: Elizabeth Knauss, DEP-SWD [elizabeth.knauss@dep.state.fl.us](mailto:elizabeth.knauss@dep.state.fl.us)



**Florida Department of  
Environmental Protection  
Hazardous Waste Inspection Report**

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**FACILITY INFORMATION:**

**Facility Name:** Florida Recycling Solutions LLC

**On-Site Inspection Start Date:** 09/08/2016      **On-Site Inspection End Date:** 09/08/2016

**ME ID#:** 21896      **EPA ID#:** FLR000034033

**Facility Street Address:** 3210 Whitten Rd, Lakeland, FL 33811-1086

**Contact Mailing Address:** 3210 Whitten Rd, Lakeland, FL 33811-1086

**County Name:** POLK

**NOTIFIED AS:**

Non-Handler

Used Oil

**INSPECTION TYPE:**

Routine Inspection for Used Oil Transporter facility

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

Routine Inspection for Used Oil Processor facility

**INSPECTION PARTICIPANTS:**

**Principal Inspector:** Richard M Vaughn, Environmental Manager

**Other Participants:** Elizabeth Knauss, Environmental Consultant; Leslie Pedigo, Environmental Specialist III; Mike Zellars, Vice President

**LATITUDE / LONGITUDE:** Lat 28° 0' 18.6604" / Long 82° 2' 33.4423"

**SIC CODE:** 7389 - Services - business services, nec

**TYPE OF OWNERSHIP:** Private

**Introduction:**

Aqua Clean Environmental (ACE)/Florida Recycling Solutions (FRS) was inspected on September 8, 2016, to determine the facility's compliance with state and federal hazardous waste and used oil regulations. The Department last inspected this facility in April 2014.

ACE and FRS are sister corporations that share this facility and this EPA Identification Number. ACE is a registered transporter of used oil, used oil filters, and petroleum contact water (PCW) as well as a used oil/used oil filter transfer facility. ACE also operates a Centralized Waste Pretreatment facility at this location that discharges to the City of Lakeland sewer system. FRS is a permitted used oil processor and receives used oil transported by ACE. FRS is also permitted to process oil contaminated debris.

**Process Description:**

ACE/FRS operations are discussed in detail in the facility's Used Oil and Material Processing Permit and in previous inspection reports. A walk through of the entire facility along with review of both Aqua Clean Environmental's and Florida Recycling Solution's recording keeping was performed during this inspection. Records included: the contingency plan, weekly tank system inspections, used oil acceptance and delivery records, Annual Used Oil Handler Report, PCW acceptance records and final disposition receipts, waste profiles, waste analyses, and wastewater transport records.

Aqua Clean's in-house lab is now analyzing its waste water for COD. Grab samples of used oil and waste water are collected from incoming shipments and tests for metals, conductivity, and flashpoint. Samples analyzed for flash point are returned to the process after analysis. Metals are analyzed with a Thermo

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Scientific ICAP 6000 series ICP emission spectrometer. Waste liquid from the spray chamber is caught in a container below the spectrometer. The container was closed but unlabeled. The waste liquid has a Ph of 6.5 to 7.5 and is emptied every 4-5 months. While this material is not corrosively hazardous waste, DEP recommends labeling the satellite accumulation point. Lab staff are using the Hach Company's EZ-COD recycling program for their used sample vials with disposal by Heritage Environmental Services. As of the inspection date no shipment has been sent off. Unused sample material is returned to the sump area where unloading occurs.

Product recovered from petroleum contact water is currently being marketed to Lone Wolf Petroleum (ILD984843862) in Minonk, Illinois as "salvage, non-specific hydrocarbons," DOT shipping description Diesel, NA 1993 PG III." Used oil has been shipped to either Universal Environmental Services, GAR000020131 or to Raider Environmental FLR000176271 for further processing.

## PHOTO ATTACHMENTS:

Sump receiving area.



Non-hazardous waste containers.



Hach EZ-COD vials.



Satellite accumulation of waste liquid from spectrometer.



## Conclusion:

At the time of the inspection, Aqua Clean Environmental/Florida Recycling Solutions was operating in compliance with state and federal regulations governing Used Oil Processors or Used Oil Transporters.

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**2.0 - CESQG Checklist****Requirements:**

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

| Item No. | Standards for Conditionally Exempt Small Quantity Generators  | Yes | No | N/A |
|----------|---|-----|----|-----|
| 2.2      | Does the facility generate less than 100 kg/mo (220 lb/mo) of all hazardous wastes? 261.5   | ✓   |    |     |
| 2.3      | Does the facility generate less than 1kg/mo of acutely toxic (P-listed, 40 CFR 262.33) hazardous wastes? 261.5  |     |    | ✓   |
| 2.4      | Does the facility accumulate onsite no greater than 1,000 Kilograms (2,200 pounds) of hazardous waste at any one time? 261.5  | ✓   |    |     |
| 2.5      | Does the facility accumulate onsite less than a total of 1 kg of acute hazardous waste listed in 261.31 or 261.33(e)? 261.5   |     |    | ✓   |
| Item No. | Hazardous Waste Determination   | Yes | No | N/A |
| 2.6      | Has the facility properly identified all hazardous waste streams? (Check any that are not OK) 262.11<br><input type="checkbox"/> Is it excluded under 261.4?<br><input type="checkbox"/> Is it listed in subpart D of 261 or appendix IX of 261?<br><input type="checkbox"/> Has the waste been analyzed?<br><input type="checkbox"/> Has generator knowledge of the hazard characteristics of the waste in light of the materials used been applied? | ✓   |    |     |
| Item No. | Record Keeping  | Yes | No | N/A |
| 2.7      | Has the facility documented delivery of its hazardous waste to a facility permitted or authorized to accept the waste? (Check any that are not OK) 261.5(g)(3)<br><input type="checkbox"/> Name and address of the generator and TSD/authorized facility.<br><input type="checkbox"/> Type and amount of hazardous waste delivered.<br><input type="checkbox"/> Date of shipment  | ✓   |    |     |
| 2.8      | Are written records and other receipts documenting proper disposal retained for at least 3 years? 62-730.030(3)   | ✓   |    |     |

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**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.

Richard M Vaughn

Environmental Manager

**PRINCIPAL INSPECTOR NAME****PRINCIPAL INSPECTOR TITLE**

DEP

10/21/2016

**PRINCIPAL INSPECTOR SIGNATURE****ORGANIZATION****DATE**

Leslie Pedigo

Environmental Specialist III

**Inspector NAME****Inspector TITLE**

DEP

**ORGANIZATION**

Elizabeth Knauss

Environmental Consultant

**Inspector NAME****Inspector TITLE**

DEP

**ORGANIZATION**

Mike Zellars

Vice President

**Representative NAME****Representative TITLE**

Aqua Clean

**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.

**Report Approvers:****Approver:**

Richard M Vaughn

**Inspection Approval Date:**

10/21/2016