



# Florida Department of Environmental Protection

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

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

December 17, 2008

**SENT VIA E-MAIL**

[gallen@synergyrecycling.org](mailto:gallen@synergyrecycling.org)

Mr. Garry R. Allen, President  
Synergy Recycling of Central Florida, LLC  
3800 West Lake Hamilton Drive  
Winter Haven, FL 33881

RE: Synergy Recycling of Central Florida, LLC  
EPA I.D. No. FLR 000 053 611  
Permit Number: 292753-HO-001  
Used Oil Processing Facility Permit  
Notice of Deficiency

Dear Mr. Allen:

The Florida Department of Environmental Protection (the Department) has received your permit renewal application dated November 10, 2008 to operate a Used Oil Processing facility at 3800 West Lake Hamilton Drive, Winter Haven, Florida, 33881.


The review of the permit renewal application indicates that it is incomplete. Please provide the information requested in the enclosed attachment. In preparing your response, the Department recommends that you identify each comment followed by your response and also provide your revised pages of the application. The revised pages are to include the new revision date.

Further action on processing your application is temporarily held in abeyance pending receipt of your complete response. Please submit three copies of your written response (two copies to the Tallahassee Solid and Hazardous Waste Regulation Section, and one to the Southwest District office). If you cannot submit all this information within 30 days, you must formally request an extension and provide a schedule, with dates, indicating when this information will be submitted.

Mr. Garry Allen, President  
December 17, 2008  
Page Two

Should you like to arrange a meeting or if you have any questions, please contact Rick Neves at (850) 245-8755, e-mail: [richard.neves@dep.state.fl.us](mailto:richard.neves@dep.state.fl.us) or Bheem Kothur at 850-245-8781, e-mail: [Bheem.kothur@dep.state.fl.us](mailto:Bheem.kothur@dep.state.fl.us).

Sincerely,

  
Bheem Kothur, P.E. III  
Hazardous Waste Regulation

BK/m

Enclosure: Attachment

cc: Jim Dregne, DEP/South West District, [james.dregne@dep.state.fl.us](mailto:james.dregne@dep.state.fl.us)  
Michael Stillinger, Imperial Testing Laboratories/Lakeland, [mike@imperialtesting.com](mailto:mike@imperialtesting.com)  
Fred Wick, DEP/Tallahassee, [fred.wick@dep.state.fl.us](mailto:fred.wick@dep.state.fl.us)  
Augusta Posner, DEP/Tallahassee, [augusta.posner@dep.state.fl.us](mailto:augusta.posner@dep.state.fl.us)  
Frank Hornbrook, DEP/Tallahassee, [frank.hornbrook@dep.state.fl.us](mailto:frank.hornbrook@dep.state.fl.us)

**ATTACHMENT**  
**December 17, 2008**  
**Synergy Recycling of Central Florida, LLC**  
**Winter Haven, Florida**  
**EPA I.D. Number: FLR 000 053 611**  
**Notice of Deficiency**

**GENERAL COMMENTS**

1. Please provide the third party closure cost estimates for the closure of tanks.
2. Figure #6, Fire and Spill Control Equipment: DEP recommends that a fire extinguisher be placed near the 500 gallon on-road diesel AST, as the closest extinguisher to this tank is located inside a building.
3. Figure #7, Stormwater Drainage: Please describe the drainage pattern within the loading/unloading area regarding whether there are drains, sumps, oil/water separators used in managing drainage from this area.

**SPECIFIC COMMENTS**

**Application Form**

4. Page 8, Item #9, Contact Person: Under Florida Statute, the CEO of an LLC is not "president," but "managing member" Please edit this accordingly throughout the application.
5. Page 8, Item #12, Legal Structure: Please provide the state of incorporation (Georgia, per Florida Department of State.

**ATTACHMENT II: Facility Operation**

6. Page 1 of 2, paragraph 2: There is neither a statutory nor a regulatory definition of the term "wet oil." Please either delete this term and use instead "used oil," or explain the difference between "wet oil" and "used oil." Include "PCW" if applicable.
7. Page 1 of 2, paragraph 2, 4<sup>th</sup> sentence: "Rags, booms, pads..." are these managed as oily wastes or solid waste? What is the regulatory status of the "Winter Haven warehouse?" Please explain how the named wastes are properly managed, under which rules.

8. Page 1 of 2, paragraph 3: Oily water is not always PCW, and so cannot be "a.k.a" PCW. Please clarify the nature of the material in this 10,000 gallon tank.

**ATTACHMENT III: Process Flow**

9. Page 1 of 2, paragraph #2, second sentence: Rather than using either the term "tank" or the term "container," please use both (i.e. "tank or container") to cover all circumstances.

10. Page 1 of 2, paragraph #3, second sentence: As per the operating manual for the TEK-Mate detector, it cannot give an audible signal at precisely 1000 ppm halogens. Please explain how the TEK-Mate detector is calibrated for accuracy.

11. Page 1 of 2, paragraph #5, second sentence: Please explain whether the Synergy Recycling Used Oil Transfer Facility, located at Martin Luther King Blvd. in Tampa, is a part of the material flow destined for the Winter Haven facility.

12. Page 2 of 2, paragraph #10, first sentence: Please explain what is meant by the term "batch." The permit application must be clear and precise concerning what constitutes a "batch."

13. Page 2 of 2, paragraph #11: Please explain, in detail, the "lock out and tag" system to be used, and how this might be effectively used on the 18,000 gallon tank.

14. Page 2 of 2, paragraph #13: Please explain how rags, booms and other debris found in drums of used oil filters will be managed.

15. Directly following Attachment III are two documents ("Florida Fact Sheet on the Management of Used Oil..." and "Management of Sorbent Materials") which are not numbered and are not referenced in the permit application. Please explain the purpose of including these documents and, if they are to remain in the permit application, provide their location and page numbers.

16. "Management of Sorbent Materials." This information is garnered from a DEP memorandum dated April 27, 1998 and is out of date as it concerns rule citations. "Oily wastes" are not defined in the Solid Waste Rule, 62-701.200 (76), but rather are defined in the Used Oil Rule, 62-710.201(1). Please correct the Rule citation as appropriate.

#### **ATTACHMENT IV: Analysis Plan**

**17.** Page 1 of 3, paragraph 2, second sentence: Please describe the location, and number the pages, of the TEK-Mate® manual.

**18.** Page 1 of 3, paragraph 2, fourth sentence: The Department recognizes that such “sniffers” are NOT EPA approved test methods but, if calibrated and used properly, can provide a go/no-go screen for excess halogens. To ensure consistency with the Department’s position on the use of sniffers please explain, in detail, how the “sniffer” is to be calibrated and used.

**19.** Page 1 of 3, paragraph 3, first sentence: “100 kilograms per month.” This should read “100 kilograms of hazardous waste per month.” Please correct this statement.

**20.** Page 1 of 3, third paragraph: please describe how CESQG status is determined and recorded.

**21.** Page 1 of 3, fifth paragraph, first sentence: reads “driver **may** have a Dexsil® Clor-D-Tect 1000.” Please explain the halogen screening procedure if the driver **does not** have this test kit available. In the event of a failed “sniffer” screening (signal indicating halogens in a concentration exceeding 1,000 ppm), a Dexsil® Kit or generator rebuttal **must** be performed.

**22.** Page 1 of 3, sixth paragraph: Will this procedure be followed if the oil is taken to Synergy’s transfer facility at Martin Luther King Blvd. in Tampa? Please explain accordingly.

**23.** Page 1 of 3, sixth paragraph, second sentence: Please explain how the material handler will determine whether to use either a sniffer, or a Dexsil® kit?

**24.** Page 2 of 3, third paragraph, second sentence: Please delete the word “permitted,” as anti-freeze recyclers are not permitted in the state of Florida.

**25.** Page 2 of 3, fourth paragraph, third sentence: Please explain, in detail, how a “representative sample” will be obtained.

**26.** Directly following Attachment IV, is a document entitled “Best Management Practices for Managing Used Antifreeze...,” which is neither numbered nor referenced in the permit application. Please explain the purpose of including this document and, if it is to remain in the permit application, provide its location and page numbers.



#### **ATTACHMENT V: By-Products**

**27.** The basket waste generated on-site, should be analyzed at least annually. Please revise this section accordingly.

**28.** Please describe in detail the waste characterization performed on waste by-products.

**29.** Please provide an estimate of the frequency of sludge removal from storage tanks.

#### **ATTACHMENT VI: Tracking Plan**

**30.** Following this attachment, is a copy of the "Recycle/Transportation Receiving Manifest." Please note the following in regards to this manifest:

- a) Please number this attachment accordingly.
- b) Please explain how a driver is to determine flash point (which is referenced in this document).
- c) Please correct the regulatory citation to read "62-710." (Not 62-710.6000)
- d) Should PCW be added to the list of materials to be picked-up?

**31.** Please include a copy of the shipping form used in the delivery of on-specification used oil fuel.

#### **ATTACHMENT VII: SPCC Plan**

**32.** This portion of the permit application should be labeled as "Attachment VII." Please edit this accordingly.

**33.** Page 2 of 17: Type of Facility is incomplete. Please correct this accordingly.

**34.** Page 10 of 17: Please provide the correct phone number for DEP Southwest District Office (813-632-7600).

**35.** Appendix E to the SPCC plan contains errors in referencing information (e.g. d. Water at adequate volume and pressure for all fire equipment is NOT found in Section 11.0, paragraph 5.C.). Please review this entire section and correct as necessary and appropriate.

**36.** Appendix F to the SPCC plans does not contain a description of how emergency equipment is inspected, tested and repaired or replaced. Please revise the SPCC plan as appropriate.

**ATTACHMENT X: Training**

**37.** Please provide the method of documentation used to demonstrate that employees have been trained to use emergency equipment.

**ATTACHMENT VIII: Unit Management Plan**

**38.** This plan does not include management of containers of Used Oil Filters and PCW. Please correct and revise accordingly.

**39.** The containment calculation page is not numbered. Please number this page as appropriate.

**40.** Spill Avoidance and Emergency Response Procedures For Release of used Oil: This page appears misplaced in Attachment. Please review and revise as appropriate.

**ATTACHMENT**  
**December 15, 2008**  
**Synergy Recycling of Central Florida, LLC**  
**Plant City, Florida**  
**EPA I.D. Number: FLR 000 053 611**  
**Notice of Deficiency**  
**DRAFT**

**GENERAL COMMENTS**

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- b) Please explain how a driver is to determine flash point (which is referenced in this document).
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32. Please provide the method of documentation used to demonstrate that employees have been trained to use emergency equipment.

**ATTACHMENT VIII: Unit Management Plan**

33. This plan does not include management of containers of Used Oil Filters and PCW. Please correct and revise accordingly.

34. The calculation page is not numbered. Please correct this accordingly.

35. Why is a Spill Avoidance and Response Plan located after Attachment VIII?



# Florida Department of Environmental Protection

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

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

February 15, 2010

SENT VIA E-MAIL

[gallen@synergyrecycling.org](mailto:gallen@synergyrecycling.org)

Mr. Garry R. Allen, Operating Partner  
3800 West Lake Hamilton Drive  
Winter Haven, FL 33881

SUBJECT: Synergy Recycling of Central Florida, LLC  
Facility Permit Application and Permit Minor Modification Request dated  
February 4, 2010; EPA I.D. Number: FLR 000 053 611  
Permit Number: 292753-HO-003;  
Polk County

Dear Mr. Allen:

The Florida Department of Environmental Protection (FDEP) has completed its review of your proposed permit modification, dated and received by e-mail February 4, 2010.

The Department understands that the facility has made some market adjustments in handling its used oil filters. After a discussion of these changes with the district on January 25, 2010, the district suggested that the last sentence on Attachment III, Paragraph 13, Revision 1, Section III, Page 2 of 2 of your permit application be expanded as follows:

“Synergy may also choose to send drummed used oil filters by box truck and trailer to its Kingsland, Georgia facility for processing or other licensed filter processing operations, where the oil filters are compressed into bricks, any remnant oil is further extracted and the compressed oil filters are shipped to smelters for recycling”.

The Department acknowledges such request and makes this minor modification to the referenced page of the application, which is incorporated by reference in Part I, Section 38.c. of the above-referenced permit, issued on January 26, 2010. This letter modification will become part of the permit application and the permit.

There are no other changes to this permit application or to this permit.



Mr. Garry Allen, Operating Partner  
February 15, 2010  
Page Two

Please attach this letter to the permit.

If you have any questions, please contact Bheem Kothur at (850) 245-8781 or via e-mail:  
[bheem.kothur@dep.state.fl.us](mailto:bheem.kothur@dep.state.fl.us).

Sincerely,



Charles F. Goddard, Chief  
Bureau of Solid and Hazardous Waste

CFG/bk

cc: James Dregne, DEP/Southwest District, [james.dregne@dep.state.fl.us](mailto:james.dregne@dep.state.fl.us)  
Heath Rauschenberger, U. S. Fish and Wildlife Services, [heath\\_rauschenberger@fws.gov](mailto:heath_rauschenberger@fws.gov)  
Mary Ann Poole, Florida Fish and Wildlife Conservation Commission,  
[maryann.poole@myfwc.com](mailto:maryann.poole@myfwc.com)  
Frank Hornbrook, DEP/Tallahassee, [frank.hornbrook@dep.state.fl.us](mailto:frank.hornbrook@dep.state.fl.us)  
Fred Wick, DEP/Tallahassee, [fred.wick@dep.state.fl.us](mailto:fred.wick@dep.state.fl.us)  
Augusta Posner, OGC/Tallahassee, [augusta.posner@dep.state.fl.us](mailto:augusta.posner@dep.state.fl.us)  
Lee Martin, DEP/Tallahassee, [lee.martin@dep.state.fl.us](mailto:lee.martin@dep.state.fl.us)  
Mike Stillinger, [mike@imperialtesting.com](mailto:mike@imperialtesting.com)  
Jeff Potter, Mayer City of Winter Haven, [jpotter@mywinterhaven.com](mailto:jpotter@mywinterhaven.com)  
Jean Reed, Polk County commissioner, [jeanreed@polk-county.net](mailto:jeanreed@polk-county.net)



*Kim Thursby*

Digitally signed by Kim Thursby  
DN: cn=Kim Thursby, o=Florida DEP,  
ou=Hazardous Waste Regulation Section,  
email=Kim.thursby@dep.state.fl.us, c=US  
Date: 2010.03.10 08:48:35 -0500

## Thursby, Kim

---

**From:** Gary Allen [gallen@synergyrecycling.org]  
**Sent:** Tuesday, February 16, 2010 7:01 AM  
**To:** Epost HWRS  
**Subject:** RE: Synergy Recycling;FLR 000 053 611;Facility Permit Application and Permit Minor Modification Request dated February 4, 2010

Tim:

Synergy Recycling is in receipt of this e-mail document.

Garry

---

**From:** Epost HWRS [mailto:EpostHWRS@dep.state.fl.us]  
**Sent:** Monday, February 15, 2010 12:27 PM  
**To:** gallen@synergyrecycling.org  
**Cc:** Dregne, James; heath\_rauschenberger@fws.gov; maryann.poole@myfwc.com; Hornbrook, Frank; Wick, Fred; Posner, Augusta; Martin, Lee; mike@imperialtesting.com; jpotter@mywinterhaven.com; jeanreed@polk-county.net; Bahr, Tim; Kothur, Bheem; Tripp, Anthony  
**Subject:** Synergy Recycling;FLR 000 053 611;Facility Permit Application and Permit Minor Modification Request dated February 4, 2010

In an effort to provide a more efficient service, the Florida Department of Environmental Protection's Hazardous Waste Regulation Section is forwarding the attached document to you by electronic correspondence "e-correspondence" in lieu of a hard copy through the normal postal service.

We ask that you verify receipt of this document by sending a "reply" message to [epost\\_hwrs@dep.state.fl.us](mailto:epost_hwrs@dep.state.fl.us). (An automatic "reply message" is not sufficient to verify receipt). If your email address has changed or you anticipate that it will change in the future, please advise accordingly in your reply. You may also update this information by contacting Kim Thursby at (850) 245-8792.

The attached document is in "pdf" format and will require Adobe Reader 6 or higher to open properly. You may download a free copy of this software at [www.adobe.com/products/acrobat/readstep2.html](http://www.adobe.com/products/acrobat/readstep2.html).

Please note that our documents are sent virus free. However, if you use Norton Anti-virus software, a warning may appear when attempting to open the document. Please disregard this warning.

Your cooperation in helping us affect this process by replying as requested is greatly appreciated. If you should have any questions about the attached document(s), please direct your questions to the contact person listed in the correspondence.

Tim Bahr  
Environmental Administrator  
Hazardous Waste Regulation  
Department of Environmental Protection  
E-Mail Address: [epost\\_hwrs@dep.state.fl.us](mailto:epost_hwrs@dep.state.fl.us)

*The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.*