FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

April 15, 2019

Jeff Englin, General Manager
Synergy Recycling of Central Florida
3800 West Lake Hamilton Drive,
Winter Haven, FL 33881
jenglin@synergyrecycling.org

Re: Synergy Recycling of Central Florida
EPA ID No. FLR000053611
Polk County

Dear Mr. Englin:

Department personnel conducted a routine hazardous waste compliance evaluation inspection of the above-referenced facility on March 25, 2019. Based on the information provided following 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 Abigail Bridges at (813) 470-5787, or via e-mail at: Abigail.Bridges@floridadep.gov.

Sincerely,

Shannon Kennedy
Environmental Manager
Compliance Assurance Program
Southwest District
Florida Department of Environmental Protection

Enclosure: Inspection Report

ec: Michael Ferguson, Polk County, MichaelFerguson@polk-county.net

Florida Department of

Environmental Protection

Hazardous Waste Inspection Report

FACILITY INFORMATION:

Facility Name: Synergy Recycling of Central Florida LLC

On-Site Inspection Start Date: 03/25/2019 **On-Site Inspection End Date:** 03/25/2019

ME ID#: 47082 **EPA ID#:** FLR000053611

Facility Street Address: 3800 W Lake Hamilton Dr, Winter Haven, FL 33881-9262

Contact Mailing Address: 3800 W Lake Hamilton Dr, Winter Haven, FL 33881-9262

County Name: Polk **Contact Phone:** (863) 419-0556

NOTIFIED AS:

Used Oil

VSQG

INSPECTION TYPE:

Routine Inspection for Used Oil Processor facility
Routine Inspection for Used Oil Transporter facility
Routine Inspection for VSQG (<100 kg/month) facility

INSPECTION PARTICIPANTS:

Principal Inspector:	Abigail B Bridges, Environmental Specialist I
Other Participants:	Beth Knauss, Environmental Consultant; Ileana Hernandez, Environmental Specialist II; Jeff Englin, General Manager

LATITUDE / LONGITUDE: Lat 28° 4' 42.4848" / Long 81° 39' 38.0584"

NAIC 562119 - Other Waste Collection

TYPE OF OWNERSHIP: Private

Introduction:

A routine hazardous waste compliance evaluation inspection was conducted at Synergy Recycling of Central Florida (SRCF) used oil processing facility on March 25, 2019. The facility was previously inspected on February 3, 2017. This inspection resulted in a Consent Order #OGC 17-0843. SRCF has two operating permits: 292753-HO-005 and 292753-SO-006, both of which were issued on March 2, 2015 and expire on January 26, 2020. Mr. Jeff Englin, General Manager, assisted Department inspectors throughout the inspection.

Process Description:

SRCF's operating permit includes conditions for used oil processing, used oil filter storage, and solid waste material processing. Route drivers pick up and deliver used oil, used oil filters, oily water, used antifreeze, oily rags, and other oil contaminated debris to the facility daily. SRCF has approximately twenty-five employees, four of which are drivers. Used oil from independent used oil transporters is not accepted by the facility. The facility no longer ships any used oil by rail. SRCF has four tanker trucks, one box truck, one haz-mat certified truck, and two vacuum trucks (one 3,500-gallon truck and one 3,000-gallon truck). The 3,500-gallon vacuum truck services oil-water separators, and grit and other waste generated from servicing the oil-water separators is disposed of using Liquid Environmental Solutions.

SRCF has five regulated aboveground used oil storage tanks (Storage Tank Facility ID# 9802060). One is 25,000-gallon, double-walled tank, split into three compartments (3a, 3b, and 3c) rated for 18,000/3,500/3,500-gallons respectively. There is one 10,000-gallons storage tank, one 1,500-gallon storage tank, and two 25,000-gallon storage tanks. All tanks are in concrete secondary containment. As per their permit, daily inspections of the aboveground storage tanks must be conducted. These inspections are documented once per week. The inspection records were available for review at the time of the inspection, and there did not appear to be any deficiencies in the records.

The used oil filters are taken to US Foundry in Miami. At the time of the inspection, there were 27 bins of Used Oil Filters, properly labeled located inside the warehouse on impervious concrete floor.

Inside the warehouse, there was a rather large quantity of virgin antifreeze. Mr. Englin stated that the antifreeze will be going to Jiffy Lube. There was also a Purewash Parts Washer, however Mr. Englin said that is was not being used. There is an open mechanic's bay on the west side of the building, under an overhang. This is used for routine maintenance, including oil changes. At the time of the inspection, there were three unlabeled used oil containers. All containers of used oil must be labeled with the words "Used Oil". This was corrected during the inspection.

Dexsil Q-1000 kits are used to determine the halogen content of incoming used oil. The API method is used to detemine water content. The results of the halogen and water content are recorded. These records were on site and readily available for review. Expired kits are used to train new drivers. Specification claims are verified following analysis conducted by Lakeland Labs (NELAP Certificate No. E84880).

Spill kits and fire extinguishers were on site. Spill kits are checked regularly and stocked with visquene and absorbents. Fire extinguishers were last maintained in April of 2018.

The contingency plan was on site for review. It was last updated on September of 2016. Mr. Englin was not able to provide evidence that the contingency plan had been distributed to local emergency services. Following the inspection, Mr. Englin sent the contingency plan local emergency services and provided evidence of the attempt to make arrangements with authorities was made.

The company has been conducting month safety meeting, with topics ranging from USDOT and OSHA requirements. Annual training, covering used oil regulations, was also being conducted. Training records were current and available for review.

SRCF has not transporter hazardous waste, nor stored hazardous waste on site since the previous compliance evaluation inspection.

New Potential Violations and Areas of Concern:

Violations

Type:	Violation
Rule:	279.22(c)(1)
Question Number:	5.4
Question:	Are used oil containers/tanks labeled or marked clearly with the words "Used Oil"? 279.22(c)(1)
Explanation:	During the inspection, three used oil containers were observed without labels in the mechanic's bay. The used oil win the containers was generated on site from truck oil changes.
Corrective Action:	All containers of used oil must be labeled with the words "Used Oil". CORRECTED: This was corrected at the time of the inspection. Photos were taken of the properly labeled used oil containers.

Photo Attachments:

Unlabeled Used Oil Container

CORRECTED: Labeled Used Oil Container

Type:	Violation
Rule:	279.52(b)(3)
Explanation:	The facility failed to retain documentation that an attempt to make arrangements with local emergency services and authorities.
Corrective Action:	The facility must distribute the contingency plan to local emergency services and authorities and retain documentation that the contingency plan was distributed. CORRECTED: Following the inspection, receipt were submitted to the Department indicating that an attempt to make arrangements with local authories and emergency services was made.

Conclusion:

Synergy Recycling of Central Florida was not operating in compliance with state and federal hazardous waste regulations, however, all violations were corrected at the time of the inspection and the facility has since been returned to compliance.

Please note, the state of Florida recently adopted the new Generator Improvement Rule. For information on this new rule, visit the EPA website (link below), as regulation changes may apply to your facility.

https://www.epa.gov/hwgenerators/final-rule-hazardous-waste-generator-improvements

1.0 - Pre-Inspection 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.

Note: Checklist items with shaded boxes are for informational purposes only.

Item No.	Pre-Inspection Review	Yes	No	N/A
1.1	Has the facility notified with correct status? 262.18(a)	✔		
1.2	Has the facility notified of change of status? 62-730.150(2)(b)	✔		
1.3	Did the facility conduct a waste determination on all wastes generated? 262.11	✔		

2.0 - VSQG 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.

Note: Checklist items with shaded boxes are for informational purposes only.

Item No.	Standards for Very Small Quantity Generators	Yes	No	N/A
2.1	Generator Size Determination (If the answer is No for any one question then facility is not a VSQG)			
2.2	Does the facility generate less than 100 kg/mo (220 lb/mo) of all hazardous wastes? 262.14(a)(1)	✓		
2.3	Does the facility generate less than 1kg/mo of acutely toxic (P-listed, 40 CFR 261.33(e)) hazardous wastes? 262.14(a)(1)	✓		
2.4	Does the facility accumulate onsite no greater than 1,000 Kilograms (2,200 pounds) of hazardous waste at any one time? 262.14(a)(4)	✓		
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)? 262.14(a)(3)	✓		
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 ☐ Is it excluded under 261.4? ☐ Is it listed in subpart D of 261 or appendix IX of 261? ☐ Has the waste been analyzed? ☐ 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) 262.14(a)(5) ☐ Name and address of the generator and TSD/authorized facility. ☐ Type and amount of hazardous waste delivered. ☐ Date of shipment	✓		
2.8	Are written records and other receipts documenting proper disposal retained for at least 3 years? 62-730.030(2)	✓		

5.0 - Used Oil Generator 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.

Note: Checklist items with shaded boxes are for informational purposes only.

Item No.	Used Oil Container and Tank Management	Yes	No	N/A
5.1	Does the facility store used oil only in tanks, containers or permitted hazardous waste storage units? 279.22(a)	✓		
5.2	Are used oil containers/tanks in good condition? 279.22(b)(1)	✓		
5.3	Are used oil containers/tanks not leaking? 279.22(b)(2)	✓		
5.4	Are used oil containers/tanks labeled or marked clearly with the words "Used Oil"? 279.22(c)(1)		✓	
5.5	Are fill pipes used to fill underground tanks labeled or marked clearly with the words "Used Oil"? 279.22(c)(2)			✓
Item No.	Secondary Containment	Yes	No	N/A
5.6	Are containers/tanks 55-gallons or smaller that are stored inside:			
5.7	Stored on an oil-impermeable surface? 62-710.401(6)	✓		
5.8	Are containers/tanks larger than 55-gallons that are stored inside:			
5.9	Stored on an oil-impermeable surface? 62-710.401(6)	✓		
5.10	Does the building provide adequate secondary containment, or are the containers/tanks double-walled, or stored within or on engineered secondary containment that has the capacity to hold 110% of the volume of the largest container/tank, or are the containers/tanks portable/wheeled and typically emptied every 24 hours? 62-710.401(6)			✓
5.11	Are containers/tanks (regardless of size) that are stored outside:			
5.12	Closed or otherwise protected from the weather? 62-710.401(6)			✓
5.13	Double-walled or stored on an oil-impermeable surface with engineered secondary containment that has the capacity to hold 110% of the volume of the largest container within the secondary containment? 62-710.401(6)	✓		
Item No.	Used Oil Releases	Yes	No	N/A
5.14	Has the generator, upon detection of a release, done all of the following, as applicable:			
5.15	stop the release? 279.22(d)(1)			✓
5.16	contain the released oil? 279.22(d)(2)			✓
5.17	clean up and manage properly the released used oil and other materials? 279.22(d)(3)			✓
5.18	if necessary, repair or replace any leaking used oil storage containers or tanks prior to returning them to service? 279.22(d)(4)			✓
5.19	Is the facility in compliance with the prohibition against discharges of used oil into soils, sewers, drainage systems, septic tanks, surface or ground waters, watercourses, or marine waters? 62-710.401(2)			✓
5.20	Is the facility in compliance with the prohibition against using used oil for road or pavement oiling for dust control, weed abatement, or other similar uses that have the potential to release used oil into the environment? 62-710.401(5)			✓
Item No.	Used Oil Filter Container Management	Yes	No	N/A
5.21	Does the facility store used oil filters in containers? 62-710.850(5)(a)	✓		
5.22	Are the used oil filter containers clearly labeled "Used Oil Filters"? 62-710.850(5)(a)	✓		
5.23	Are the used oil filter containers in good condition? 62-710.850(5)(a)	✓		
5.24	Are the used oil filter containers not leaking? 62-710.850(5)(a)	✓		
5.25	Are the used oil filter containers closed or otherwise protected from weather? 62-710.850(5)(a)	✓		

Item No.	Used Oil Filter Container Management	Yes	No	N/A
5.26	Are the used oil filter containers stored on an oil-impervious surface? 62-710.850(5)(a)	✓		
Item No.	**Releases from Used Oil Filter Containers**	**Yes**	**No**	**N/A**
5.27	Has the generator, upon detection of a release, done all of the following, as applicable:			
5.28	stop the release? 62-710.850(5)(b)			✓
5.29	contain the released oi62-710.850(5)(b)			✓
5.30	clean up and manage properly the released oil and any subsequent oily waste? 62-710.850(5)62-710.850(5)(b)			✓
5.31	repair or replace any leaking used oil filter storage containers prior to returning them to service? 662-710.850(5)(b)4			✓
Item No.	**Used Oil Mixtures**	**Yes**	**No**	**N/A**
	☐ Is the facility a VSQG that mixes hazardous waste with used oil and manages the mixture under 279? Note: VSQGs can mix both listed and characteristic wastes with used oil.			
	☐ Is the facility a SQG or LQG that is mixing listed waste (except for listed waste that only is listed because it exhibits a characteristic - see question below) with used oil? [VSQGs may mix HW and used oil, but they must maintain disposal documentation per 62-730.030(3), FAC.] If so:			
5.32	Is the mixture being managed as listed hazardous waste? 279.10(b)(1)			✓
	☐ Is the facility a SQG or LQG that mixes only characteristic waste (or listed waste that only exhibits a characteristic) with used oil? [NOTE: This is also considered HW Treatment and other rules apply. However, VSQGs may mix HW and used oil, but they must maintain disposal documentation per 62-730.030(3), FAC.] If so:			
5.33	Is ignitability the only characteristic of the hazardous waste prior to mixing (or is the HW listed only for ignitability)? If so:			
5.34	Is the mixture managed as HW if it exhibits the ignitability characteristic? 279.10(b)(2)(iii)			✓
5.35	Does the hazardous waste exhibit ANY characteristic other than ignitability prior to mixing (or is the HW listed only for a characteristic other than ignitability)? If so:			
5.36	Is the mixture managed as HW if it exhibits ANY characteristic (even if the characteristic of the mixture is from the used oil, rather than from the HW)? 279.10(b)(2)(i)			✓
5.37	Does the facility generate mixtures of other materials contaminated with used oil (i.e. absorbents, rags, dirt)? If so:			
5.38	Are UO-contaminated materials that contain visible free-flowing UO managed under 279 used oil standards? 279.10(c)(3)			✓
5.39	Does the facility either manage UO-contaminated materials that do not contain visible free-flowing UO as hazardous waste have records documenting the materials are not hazardous waste? 279.10(c)(1)(ii)			✓
5.40	Are UO-contaminated materials that will be burned for energy recovery being managed as used oil under 279? (Used oil-contaminated materials should have a heating value of at least 5000 Btu/pound to be burned for energy recovery under 279, so low-Btu-value materials like contaminated soils and clay absorbents are solid waste, subject to 262 HW determinations.) 279.10(c)(3)			✓
5.41	Does the facility generate mixtures of used oil with fuel or fuel products? If so:			
5.42	Does the facility manage mixtures of UO and fuel/fuel products under 279 used oil standards? [Note: 279.10(d)(2) allows on-site mixing of UO with diesel fuel for use in the generator's own vehicles.] 279.10(d)(1)			✓
5.43	Is the facility in compliance with the prohibition against mixing or commingling used oil with solid waste that is to be disposed of in landfills or directly disposing of used oil in landfills? (Persons unknowingly disposing into a landfill used oil or used oil filters which have not been properly segregated or separated from other solid wastes by the generator are not subject to this prohibition. Oily waste, sorbents or other materials used for maintenance or clean up as a result of spills or release are not subject to this prohibition.) 62-710.401(3)			✓
5.44	Is the facility in compliance with the prohibition against mixing or commingling used oil with hazardous substances that make it unsuitable for recycling or beneficial use? (Notwithstanding the provisions found in 40 CFR 279.10(b)(3)). 62-710.401(4)			✓
Item No.	**Space Heaters**	**Yes**	**No**	**N/A**
5.45	Does the generator burn used oil on-site in a used oil-fired space heater? [Generators who burn off site, non household oil, or burn oil in devices not meeting the space heater exemption must comply with 40 CFR 279 - Subpart G.]			
5.46	If so, does the facility burn only used oil generated on-site or only household DIY used oil? 279.23(a)			✓
5.47	If so, does the heater have a capacity of no more than 0.5 million BTU/hr? 279.23(b)			✓
5.48	If so, are combustion gasses vented to the atmosphere? 279.23(c)			✓

Item No.	Off-site Shipments	Yes	No	N/A
5.49	Does the generator only use transporters who have received EPA Identification numbers? (Include names and numbers in report narrative) 279.24	✔		
5.50	Self transport to collection centers - Does the generator only transport their own used oil and used oil from household DIY to a used oil collection center? If so:			
5.51	Does the generator transport the used oil in a vehicle owned by the generator or an employee of the generator? 279.24(a)(1)			✔
5.52	Does the generator transport no more than 55 gallons of used oil at one time? 279.24(a)(2)			✔
5.53	Does the generator transport the used oil to a used oil collection center that is registered, licensed, permitted or recognized by a state/county/municipal government to manage used oil ? 279.24(a)(3)	✔		
5.54	Self transport to aggregation points - Does the generator transport used oil that is generated at the generator's site to an aggregation point? If so:			
5.55	Does the generator transport the used oil in a vehicle owned by the generator or an employee of the generator? 279.24(b)(1)			✔
5.56	Does the generator transport no more than 55 gallons of used oil at one time? 279.24(b)(2)			✔
5.57	Does the generator transport the used oil to an aggregation point that is owned/operated by the same generator? 279.24(b)(3)	✔		
5.58	Tolling Agreement - is the used oil transported and then reclaimed under a contractual agreement pursuant to which reclaimed oil is returned by the processor.re-refiner to the generator for use as a lubricant, cutting oil, or coolant? If so:			
5.59	Does the contract indicate the type and frequency of shipments? 279.24(c)(1)			✔
5.60	Does the contract indicate that the vehicle used to transport the used oil to the processing/re-refining facility is owned and operated by the used oil processor/re-refiner? 279.24(c)(2)			✔
5.61	Does the contract indicate that the reclaimed oil will be returned to the generator? 279.24(c)(3)			✔

Item No.	Marketing and Processing	Yes	No	N/A
	☐ Does the generator claim that the used oil meets the specification in 40 CFR 279.11? [If so, and the oil is to be burned for energy recovery, the generator is a marketer subject to 40 CFR 279 Subpart H.]			
	☐ Does the generator process used oil by filtering, oil/water separation or other methods prior to direct shipment to an off site used oil burner? [If so, the generator is also a used oil processor subject to 40 CFR 279 - Subpart F.]			

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.

Abigail B Bridges	Environmental Specialist I	
Principal Inspector Name	**Principal Inspector Title**	
	FDEP-SWD	04/11/2019
Principal Inspector Signature	**Organization**	**Date**

Beth Knauss	Environmental Consultant
Inspector Name	**Inspector Title**
	FDEP-SWD
	Organization

Ileana Hernandez	Environmental Specialist II
Inspector Name	**Inspector Title**
	FDEP-SWD
	Organization

Jeff Englin	General Manager
Representative Name	**Representative Title**
	Synergy Recycling of Central Florida, LLC.
	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: Shannon Kennedy **Inspection Approval Date:** 04/11/2019