



FLORIDA DEPARTMENT OF Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

March 13, 2020

Shawn Northcraft, Service Manager
Flagler Construction Equipment
8750 Philips Highway
Jacksonville, FL 32256
snorthcraft@flaglerce.com

Re: Flagler Construction Equipment
Facility ID No.: FLR 000 213 694
Duval – Hazardous Waste Program

Dear Mr. Northcraft:

Department personnel conducted a compliance inspection of the above-referenced facility on December 17, 2019. During this inspection, potential non-compliance with the requirements under Chapter 62-710, Florida Administrative Code, were observed. Based on the information provided during and following the inspection, the facility was determined to have returned to compliance with the Department's hazardous waste and used oil rules and regulations. 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 Cheryl Mitchell at 904-256-1620 or via e-mail at cheryl.l.mitchell@FloridaDEP.gov.

Sincerely,

A handwritten signature in cursive script that reads "Heather Webber".

Heather Webber
Environmental Administrator

Enclosure: Inspection Report

cc: Lisa Albury, Flagler Construction Equipment (lalbury@flaglerce.com)
Jean Richards, City of Jacksonville EPD (jeanR@coj.net)
FDEP Jacksonville: Cheryl Mitchell, Pam Cosgrove, Heather Webber, Janet Ashwood,
DEP_NED



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

FACILITY INFORMATION:

Facility Name: Flagler Construction Equipment
On-Site Inspection Start Date: 12/17/2019 **On-Site Inspection End Date:** 12/17/2019
ME ID#: 114929 **EPA ID#:** FLR000213694
Facility Street Address: 8750 Philips Hwy, Jacksonville, Florida 32256-8215
Contact Mailing Address: 8750 Philips Hwy, Jacksonville, Florida 32256-8215
County Name: Duval **Contact Phone:** (904) 737-6000

NOTIFIED AS:

Non-Handler, Used Oil

WASTE ACTIVITIES:

Generator: VSQG **Used Oil:** Used Oil, Oil Filters

INSPECTION TYPE:

Routine Inspection for Used Oil Transporter Facility
Routine Inspection for Used Oil Transfer Facility
Routine Inspection for Used Oil Generator Facility
Routine Inspection for VSQG (<100 kg/month) Facility

INSPECTION PARTICIPANTS:

Principal Inspector: Cheryl L Mitchell, Inspector
Other Participants: Shawn Northcraft, Service Manager

LATITUDE / LONGITUDE: Lat 30° 12' 26.9707" / Long 81° 34' 43.5904"

811310 - Commercial and Industrial Machinery and Equipment (except Automotive and Electronic)

NAIC: Repair and Maintenance

TYPE OF OWNERSHIP: Private

Introduction:

Flagler Construction Equipment (FCE, the facility) was inspected on December 17, 2019. The facility was last inspected by the Department's Hazardous Waste Program on December 3, 2015. The facility is registered and operating as a Used Oil Transporter, Used Oil Transfer Facility, Used Oil Filter Transporter and Used Oil Filter Transfer Facility. The facility is also operating as a used oil generator and Very Small Quantity Generator (VSQG) of hazardous waste. Shawn Northcraft (FCE) was present throughout the inspection.

FCE is a dealer, rental agent and service agent for trucks, heavy equipment, generators, parts and other equipment. Maintenance work is performed both in the field and at the facility. FCE has been in operation at this location since 2014 and has approximately 20 employees. FCE leases the property and the facility which is connected to city water and sewer. Hours of operation are Monday – Friday from 7:30 am – 5:00 pm and on call as needed. The facility consists of offices, a Warehouse and Maintenance Area, a Wash Rack, and a Vehicle Storage and Staging Yard.

Process Description:

Mobile Servicing

FCE services heavy equipment and trucks in the field. The facility transports only its own used oil generated at its own non-contiguous operations to its own central collection facility for storage prior to having its used oil picked-up by Safety-Kleen, a certified used oil transporter. Used oil and used oil filters generated during field servicing activities are transported back to the facility and accumulated with the waste streams generated at the

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facility. The facility operates four field trucks and one lube truck that is equipped with a 300-gallon poly used oil recovery tank, two 150-gallon poly product tanks, and a used oil filter container. There were no trucks on site at the time of inspection.

The used oil generated in the field is added to the facility's used oil tank located in the Maintenance Area described below.

Warehouse and Maintenance Area

The warehouse side of the main building is used for materials and supply storage. Maintenance on forklifts, vehicles, and various other heavy equipment is performed on the other side of the building (Photo 1). Used oil, used oil filters, oily rags and oily absorbent are generated in this area. Used oil is drained into drip pans or mobile carts located throughout the area. Several of the used oil containers were not labeled "Used Oil" (Photos 2 and 3) [40 CFR 279.22(c)(1)]. Used oil is drained from the drip pans and mobile carts into a larger collection container and then pumped to a double-walled 200-gallon aboveground storage tank located against the wall of the maintenance area. The tank was labeled and in good condition (Photo 4). Used oil filters and oily absorbents are accumulated in 55-gallon drums located inside the maintenance area. All of the drums and containers were closed and labeled. If antifreeze has to be drained from a vehicle, the facility collects the antifreeze and re-uses it in the vehicle once maintenance is complete. If the antifreeze is not reusable, it is collected and disposed of by Safety-Kleen on an as-needed basis.

The facility has two Safety-Kleen 30-gallon Premium Solvent parts washers located in the maintenance area. The parts washers are serviced by Safety-Kleen every eight weeks.

Lead-acid batteries are exchanged through Battery Distributors.

FCE uses Volvo aerosol paints (acetone 25-50%, propane 10-25%, 2-methylpropane 10-25%, light aliphatic hydrocarbon solvent 10-25%, 2-methyl-1-propanol 10%, xylene, mixed isomers 3%, 2-methoxy-1-methylethyl acetate 3%, toluene 3%, titanium dioxide 3%, ethylbenzene 1%; flashpoint -4°F) for minor touch-ups and to stencil information on equipment and vehicles. The stencils are metal and are recycled as scrap metal when no longer useable. No brushes, rollers or rags are used during touch-up or the stenciling process.

FCE uses Volvo Non-Chlorinated Brake Cleaner (50-70% acetone, 10-20% methylacetate, 10-20% carbon dioxide, 3-7% xylene, 3-7% heptane; flashpoint -4°F) and Volvo Multi-Purpose Degreaser (acetone 80-90%, carbon dioxide 5-10%; flashpoint -4°F) on wipes for cleaning. Spent Volvo brake cleaner and Volvo degreaser are non-hazardous when used on a rag. Rags used at individual work benches for maintenance work and cleaning are accumulated in plastic bags in front of the maintenance area and are laundered weekly by Cintas. The facility is reminded that some cleaners may contain solvents that could require management of shop rags as either hazardous waste or as "Excluded Solvent Contaminated Wipes" in accordance with 40 CFR 261.4(a) and 40 CFR 261.4(b)(18).

Mr. Northcraft stated that when empty, aerosol cans are placed in the trash. No empty cans were observed in the trash but the facility is reminded that even when spent, these aerosol cans may still contain liquid product. Additionally, aerosol cans with broken or clogged nozzles may contain D001 hazardous waste and should not be thrown into the trash. All unusable and spent aerosol cans should either be safely punctured and properly drained into a closed and properly labeled container which should then be managed as hazardous waste, or be placed unpunctured into a closed and properly labeled container which should then be managed as hazardous waste. After being safely and properly punctured and drained, empty aerosol cans may be discarded into the trash or recycled as scrap metal.

Wash Rack

FCE washes vehicles in a self-contained, metal wash rack that is located outside and north of the Maintenance Area. Zep Purple Cleaner and Degreaser Concentrate (sodium hydroxide 1-10%, ethylene glycol monobutyl ether 1-10%; pH 13-14) is diluted in a pump sprayer, applied to spot-clean equipment, and then rinsed off. Zep is non-hazardous when diluted and used as directed. Dirt and debris from the wash rack accumulates in the metal grating and wash water drains into the metal trench that is attached to the side of the wash rack. Wash water is allowed to evaporate and the facility removes dirt and debris from the rack and trench as needed and collects the debris in 55-gallon drums. The drums are managed as non-hazardous waste by Safety-Kleen. The facility is in the process of building a new self-contained, covered wash rack that will separate solids and filter

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and recirculate the wash water for re-use.

Vehicle Storage and Staging Yard

This yard is located north of the Warehouse and Maintenance Area and is used as a laydown area for materials and to stage equipment for sale, lease and/or maintenance (Photo 5). Dumpsters for solid waste and scrap metal are also located in this area. No maintenance is performed in the yard but two areas were observed to have stained soil/gravel that appeared to be from petroleum releases that had not been cleaned-up (Photos 6 and 7) [40 CFR 279.22(d)(3)].

Records Review

Heritage Crystal-Clean had previously serviced the facility's parts washers and managed the spent aqueous solvent as non-hazardous waste. After the December 2015 inspection, FCE consolidated waste disposal contracts within the State of Florida and changed parts washer maintenance contractors to Safety-Kleen (TXR 000 081 205) which manages the spent solvent as D039 hazardous waste. The last parts washer maintenance was performed on December 17, 2019.

Safety-Kleen also recycles the facility's used oil and used oil filters and oily absorbents. The last used oil pick-up was December 17, 2019, and the last used oil filter pick-up was October 22, 2019.

The facility is currently operating as a VSQG of hazardous waste. All records reviewed appeared to be in order except as noted below.

At the time of the inspection the facility did not have adequate training records available on-site [62-710.600(2)(c), FAC].

The facility's Used Oil Transporter registration was posted but the facility failed to submit its annual proof of financial responsibility [62-710.600(2)(e)1.a, FAC].

*****Copies of Northeast District's PowerPoints and other workshop files that may be useful can be found here:
<ftp://ftp.dep.state.fl.us/pub/outgoing/NED%20-%20HazWaste/SQG%20WORKSHOP/>

New Potential Violations and Areas of Concern:

Violations

Type:	Violation 1
Rule:	279.22(c)(1)
Explanation:	The facility failed to label its used oil drip pans and mobile used oil collection containers as "Used Oil."
Corrective Action:	No further action is required. The facility returned to compliance per an email on January 27, 2020.
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Type:	Violation 2
Rule:	279.22(d)(3)
Explanation:	The facility failed to cleanup two small areas of stained soil/gravel that appeared to be from petroleum releases in the Vehicle Storage Yard.
Corrective Action:	No further action is required. The facility returned to compliance by removing and properly disposing of the petroleum contaminated soil per an email on January 6, 2020.

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Type: Violation 3
 Rule: **62-710.600(2)(c)**
 Explanation: The facility did not have training records available at the time of the inspection.
 Corrective Action: No further action is required. The facility returned to compliance with documentation of employee training from the DEP NED Transporter Workshop on February 18, 2020.

Type: Violation 4
 Rule: **62-710.600(2)(e)1.a**
 Explanation: The facility failed to submit its annual proof of financial responsibility certificate.
 Corrective Action: No further action is required. The facility returned to compliance by providing the insurance certificate in the correct format that was received by DEP on January 24, 2020.

PHOTO ATTACHMENTS:

Photo 1



Photo 2



Photo 3



Photo 4



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Photo 5



Photo 6



Photo 7



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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			✓

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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

Cheryl L Mitchell

Principal Investigator Name**Principal Investigator Signature**

Inspector

Principal Investigator Title

DEP

Organization

02/28/2020

Date

Shawn Northcraft

Representative Name

Service Manager

Representative TitleFlagler Construction
Equipment**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:**

Cheryl L Mitchell

Inspection Approval Date:

02/28/2020