# DEPARTMENTAL PROTECTION

## Florida Department of

#### **Environmental Protection**

# **Hazardous Waste Inspection Report**

**FACILITY INFORMATION:** 

Facility Name: Triumvirate Environmental Services LLC

On-Site Inspection Start Date: 02/19/2025 On-Site Inspection End Date: 02/19/2025

**ME ID#**: 10046 **EPA ID#**: FLD980559728

**Facility Street Address:** 10100 Rocket Blvd, Orlando, Florida 32824-8565 **Contact Mailing Address:** 10100 Rocket Blvd, Orlando, Florida 32824-8565

County Name: Orange Contact Phone: (407) 859-4441

**NOTIFIED AS:** 

LQG (>1000 kg/month), Pharmaceuticals Healthcare, TSD Facility, Transfer Facility, Transporter, Used Oil

**WASTE ACTIVITIES:** 

Generator: LQG Other Status: Offsite Waste Received Transporter: Own Waste, Commercial Waste, Transfer Facility TSD: Treater, Disposer, Storer, Operating Commercial TSD Used Oil: On-Spec, Off-Spec, Oil Filters Other: Transport, Recognized Trader Exporter, SLAB Exporter Universal Waste: Indicate types of UW generated and/or accumulated at the facility: Generate/Accumulate: Batteries, Pesticides, Mercury Containing Lamps, Mercury Containing Devices Transport: Mercury Containing Lamps, Mercury Containing Devices Transfer Facility: Mercury Containing Lamps, Mercury Containing Devices Maximum quantity of UW

handled or transported at any time: 5000 kg or more; Large Quantity Handler (LQH)

**Hazardous Waste Pharmaceuticals:** 

Pharmaceutical Activities: Healthcare Facility

**INSPECTION TYPE:** 

Routine Inspection for TSD Facility Facility

**INSPECTION PARTICIPANTS:** 

Principal Inspector: Michael Eckoff, Inspector

Other Participants: Carly Cogburn, Environmental Specialist, Lisa M. Colon, Environmental Specialist,

Michael Cutshall, Facility Manager, Randy Troy, EHS & Transportation Compliance Specialist, Justin Hartshorn, Director, Compliance Assurance, Systems, & Programs, Stephanie Atkins, Regional EHS Manager, Kate Samaniego, Assistant General

Manager, Kevin Coulon, General Manager, Southeast Division

LATITUDE / LONGITUDE: Lat 28° 25' 5.8132" / Long 81° 23' 10.5985"

NAIC: 562111 - Solid Waste Collection

**TYPE OF OWNERSHIP: Private** 

### Introduction:

On February 19, 2025, Michael Eckoff, Carly Cogburn, and Lisa M. Colon, Florida Department of Environmental Protection (FDEP or Department), accompanied by Michael Cutshall, Randy Troy, Justin Hartshorn, Stephanie Atkins, Kate Samaniego, and Kevin Coulon, Triumvirate Environmental Services, LLC (TES or Facility), inspected TES for compliance with permit number 26916-010-HO and state and federal hazardous waste regulations. The permit was issued January 5, 2024 and expires November 6, 2028.

The facility most recently notified the Department on January 2, 2025 as a large quantity generator of hazardous waste, a small quantity handler of universal waste batteries, pesticides, lamps, and mercury containing devices, a hazardous waste pharmaceuticals - healthcare facility, a recognized trader exporter, an exporter of spent lead-acid batteries, off-site waste received, an operating commercial treatment, storage, and disposal facility, petroleum contact water management, a transporter of hazardous waste (registration expires June 30, 2025, liability insurance expired December 1, 2024), a registered used oil transporter, transfer facility, and marketer, a used oil filter transporter and transfer facility (registration expires June 30, 2025), a transporter

and transfer facility of universal waste lamps and mercury containing devices (registration expires March 1, 2026). TES originally received EPA identification number FLD980559728 on October 14, 2011.

INSPECTION HISTORY: (past five years)

TES was last inspected on September 12, 2023 and was in compliance at that time.

TES was inspected on April 6, 2021 and was in compliance at that time.

TES was inspected on May 20, 2020 and was in compliance at that time.

## **Process Description:**

TES is permitted to store up to 824 55-gallon drums for a total of 45,320 gallons or 224 cubic yards of hazardous waste in the Container Storage Unit. The Container Storage Unit consists of the Container Storage Building, Waste Consolidation Area, and Waste Stabilization Area. The Container Storage Building sub-units consist of the South Sub-Unit, the East Sub-Unit, and the Northwest Sub-Unit. The South Sub-Unit consists of Rows 301 to 306 and is for storage of Department of Transportation (DOT) Classes 5.1, 5.2, 6.1, 8, and 9, and non-regulated material. The East Sub-Unit consists of Rows 201 to 210 and is for storage of DOT Classes 6.1, 8, and 9, and non-regulated material. The Northwest Sub-Unit consists of Rows 101 to 105 and the center of the Container Storage Building and is for storage of DOT Classes 6.1, 8, and 9, and non-regulated material. The South, East, and Northwest Sub-Units are permitted to store 144, 240, and 440 55-gallon drums, or the equivalent drum volume, respectively. Any 10-day transfer facility waste or non-hazardous waste managed in the Container Storage Unit must be counted toward the total volume in storage.

TES is permitted to install three self-contained, pre-fabricated, flammable storage units on the exterior of the existing storage unit area. Each unit will have its own secondary containment. The units would not be connected to the main building but would be free-standing and placed on new, poured concrete with additional secondary containment for the area. The units would be used to consolidate flammable materials. These units will meet the requirements of 40 CFR 264.175. The future Flammable Storage Units #1, 2, & 3 will be utilized when design, construction and as-builts are completed and accepted by the Department.

TES is also permitted to pour new asphalt and concrete at the site to create an impervious surface designed with secondary containment. This is for the parking of trailers that contain hazardous, non-hazardous and oily wastes pending receipt or waiting to be shipped. The new parking and secondary containment area will meet the transfer facility requirements. The new parking and secondary containment area will be utilized when design, construction and as-builts are completed and accepted by the Department.

TES accepts hazardous waste from generators using TES's own transportation services as well as other registered hazardous waste transporters. Generators serviced by TES are those that generate hazardous waste that is exclusive of explosive or radioactive waste. Hazardous waste accepted by the Facility is stored in its Container Storage Unit for up to one year before being shipped to an off-site treatment or disposal facility. Hazardous wastes and non-hazardous solid wastes are segregated at the Facility according to compatibility groups as outlined in the permit. Storage areas have secondary containment to segregate incompatible wastes and minimize and prevent possible releases to the environment. TES uses a bar-coding system for containers stored in the Container Storage Unit to ensure the waste is staged in an area with compatible waste.

On the west side of the facility is a loading dock. Containers destined for temporary storage, either in the 10-day transfer facility or in the Container Storage Unit, are offloaded upon arrival. Vehicles with incoming shipments of permitted waste are unloaded within three consecutive working days of the vehicle's arrival. Containers destined for shipment off-site are loaded into trailers based on DOT compatibility requirements. Vehicles containing outgoing shipments of waste from the Container Storage Unit are moved off-site within five consecutive working days of the first container being placed on the vehicle.

The 10-day transfer facility was located on the west side of the loading dock. Two 55-gallon drums were located in the area. The area was demarcated with a chain strung along stanchions but was not identified with signage

as the 10-day transfer facility (Photo 1) [403.727(1)(c), Florida Statutes (F.S.)]. Four semi-trailers were parked at the loading dock, three on the south side and one on the north side. On the south side, one was being loaded and the other two were empty. The semi-trailer on the north side was awaiting off-loading.

A spill kit and an emergency equipment cabinet were located on the loading dock. The emergency equipment cabinet was sealed and dated 2/14/2025, the date of the last inspection. The equipment cabinet is inspected monthly to verify its contents.

On the loading dock were approximately 40 waste containers either offloaded from arriving trucks or awaiting loading on trucks for off-site shipment. The arriving waste will be inspected, compared to the manifest(s) and profiles, and moved into the Container Storage Unit. Approximately 28 waste containers have been stored on the loading dock for greater than ten days (Photos 2 to 52) [403.727(1)(c), F.S.]. The 30-yard roll-off dumpster of non-hazardous solid waste that is normally staged adjacent to the loading dock was ready to be shipped to Okeechobee Landfill, a Class I landfill located in South Florida.

Adjacent to the north side of the loading dock is a two-compartment tank. The used oil portion of the tank has a 15,000-gallon capacity. The Jet-A fuel portion of the tank has a 7,000-gallon capacity. The tank is double-walled, appeared to be closed, and was properly labeled "Used Oil."

Based on the inventory log and the inspection of the Facility, TES was storing the equivalent of approximately 701 55-gallon drums of waste on-site.

# Container Storage Building

Spill control equipment consists of absorbents, shovels, brooms and dust pans. Fire extinguishers are available throughout the Facility.

Rows 101 to 105 contained approximately 150 containers of varying sizes and pallets of both hazardous and non-hazardous solid wastes. In two rows east of Row 105 were approximately 30 containers of varying sizes and shrink-wrapped boxes of hazardous, non-hazardous solid, and universal wastes. Three containers in Row 103 were positioned such that the labels were not facing out (Photos 53 to 55) [403.727(1)(c), F.S.]. Seven containers in Row 104 did not have a barcode label indicating the wastes have been checked-in to inventory. Facility personnel immediately placed barcode labels on the containers which indicated the wastes were checked-in on February 14, 2025.

A cabinet for Division 4.3 Dangerous When Wet wastes is located east of Row 105. The cabinet was blocked by a row of universal wastes but Facility personnel indicated the cabinet is not in use and no wastes were stored inside.

The middle of the Container Storage Building contained approximately 65 containers of varying sizes, shrink-wrapped boxes, and pallets of hazardous, non-hazardous solid, and universal wastes. Several areas of the floor in the middle of the Container Storage Building, near the roll-over berms, had damaged or cracked sealant (Photos 56 to 61).

Rows 201 to 210 contained approximately 118 containers of varying sizes and boxes of both hazardous and non-hazardous solid wastes.

Rows 303 to 306 contained approximately 66 containers of varying sizes and one box of both hazardous and non-hazardous solid wastes. Row 301 contained supplies and Row 302 was empty.

## Consolidation and Waste Stabilization Area

This area is located in the north building. Consolidation has not been conducted since 2018 and waste stabilization has not been conducted since 2010.

The area is currently being used for storage of supplies and hazardous, non-hazardous solid, universal, and biohazard wastes, and bottle washing. Wastes in the area included approximately 20 containers of varying sizes and boxes. Seven boxes of biohazard waste did not contain a barcode label indicating the wastes have been checked-in to inventory (Photos 62 and 63) [403.727(1)(c), F.S.].

One area of the floor on the south side of the Consolidation and Waste Stabilization Area had damaged or cracked sealant (Photo 64).

All waste containers in the Container Storage Unit were properly marked and within the one year storage limit, unless otherwise noted above.

Outside the east end of this building was a box truck containing biohazard wastes.

Storage of supplies and bottle washing occurs on the north end of the building. TES obtains empty bottles from a customer in North Carolina. The bottles are washed and sent to TES's Pennsylvania facility to fabricate plastic lumber. Wastewater from washing operations is collected in 55-gallon drums and intermediate bulk containers (IBCs) and shipped off-site as a non-hazardous waste. Facility personnel indicated a waste profile was not available for the wastewater [40 CFR 262.11]. Three 55-gallon drums, four 275-gallon IBCs, and three 330-gallon IBCs of wastewater and two cubic-yard boxes of washed bottles were accumulating in the area.

Outside the northeast end of the building was storage of empty IBCs and pallets that will be used at the Facility.

Three semi-trailers and one 30-yard roll-off dumpster were staged on the northwest corner of the parking lot. Two semi-trailers arrived on the day of the inspection and one arrived on February 17, 2025. The dumpster was covered and contained non-hazardous solid waste destined for Okeechobee Landfill.

A warehouse/work shed is located outside the east end of the building. Maintenance activities are conducted in the warehouse/work shed along with storage of supplies. One 55-gallon drum contained waste from a clean-out of the warehouse/work shed. The drum was labeled with lab pack contents and "flam liq" (Photos 65 and 66) [40 CFR 262.11]. Two empty box trucks were parked near the warehouse/work shed. Empty drum and cardboard box storage is located outside in this area.

On the north end of the property was storage of semi-trailers, tank trailer, pump truck, and roll-off dumpsters. Nine semi-trailers either contained supplies or were empty. One tank trailer was presumed empty. One roll-off dumpster contained non-hazardous solid waste (empty IBCs and pallets) and one was empty. One pump truck was presumed empty. Also on this end of the property is a shed for storage of supplies.

## RECORDS REVIEW:

A copy of the RCRA permit and application were on site and available for review.

Emergency equipment inspection logs were reviewed from June 20, 2023 to February 14, 2025. No issues were observed.

Weekly facility inspection logs were reviewed from September 21, 2023 to February 14, 2025. No comments were entered into the logs regarding the damaged floor sealant.

NOTE: Per permit condition Part II Subpart B.2 Number 4, the permittee shall inspect the integrity of the containment area to insure [sic] that it is free of cracks or gaps, and the concrete sealant remains impervious to leaks, and Attachment II.B.5: Container Management of the permit application dated May 1, 2023 which is incorporated as part of the permit, weekly inspection requires inspection for cracks and gaps in the secondary containment.

Training was provided to staff multiple times during 2024 and 2025. No issues were noted with the training

#### documentation.

Review of the contingency plan found the plan was last reviewed on August 24, 2024 and was up to date. No issues were found. Local authorities, including Central Florida Regional Planning Council, the fire department, the sheriff's office, and Orlando Regional Medical Center, were provided a copy of the contingency plan on September 27, 2024.

The job title/job description for each employee was available for review.

The annual waste minimization certification was dated August 24, 2024.

Fire sprinklers and alarms inspections occur on a quarterly basis, the most recent was October 14, 2024.

A log is maintained for unusual events. The last entry in the log is dated July 12, 2024.

In an email dated February 28, 2025 from the Department's Financial Responsibility Officer, financial responsibility required under 40 CFR part 264 subpart H for 2024 was found to be in compliance.

Documentation of the current inventory for wastes stored on-site was provided in an email dated February 19, 2025. Based on the information provided and inspection of the Facility, the volume of waste stored on-site is below the permitted limit. No waste containers have been stored on-site for greater than one year.

Documentation of six random quality control/quality assurance analyses of incoming hazardous wastes was provided in an email dated February 19, 2025. Review of the analyses required no further information.

A review of manifests on EPA's RCRAInfo website did not reveal any issues.

#### **New Potential Violations and Areas of Concern:**

## **Violations**

Type: Violation Rule: 262.11 Question Number: 1.3

Question: Did the facility conduct a waste determination on all wastes generated? 262.11

Explanation: A person who generates a solid waste, as defined in 40 CFR 261.2, must make an

accurate determination as to whether that waste is a hazardous waste in order to ensure

wastes are properly managed according to applicable RCRA regulations...

Specifically, Triumvirate Environmental Services, LLC failed to conduct an accurate waste determination on bottle washing wastewater and waste from a clean-out of the

warehouse/work shed.

Corrective Action: Triumvirate Environmental Services, LLC generates a solid waste, as defined in 40 CFR

261.2, and is required to make an accurate determination as to whether that waste is a

hazardous waste in order to ensure wastes are properly managed according to

applicable RCRA regulations.

Please provide a copy of the results of the waste determination on the bottle washing wastewater and waste from a clean-out of the warehouse/work shed to the Department

within 30 days from the date of your receipt of this report.

Type: Violation

Rule: 403.727(1)(c)

Explanation: It is unlawful for any hazardous waste generator, transporter, or facility owner or

operator to: (c) Fail to comply with a permit.

Specifically, Triumvirate Environmental Services, LLC failed to comply with the following permit requirements:

- Transfer facility waste on the loading dock did not have signage [permit condition Part II Subpart B Number 10]
- Approximately 28 waste containers have been stored on the loading dock for greater than ten days [Attachment II.A.1: Contingency Plan of the permit application dated May 1, 2023 which is incorporated as part of the permit]
- The labels on three waste containers in the Container Storage Building were not facing the aisle [Attachment II.B.4: Container Management of the permit application dated May 1, 2023 which is incorporated as part of the permit]
- Seven boxes of biohazard waste did not contain a barcode label indicating the wastes have been checked-in to inventory [permit condition Part II Subpart B Number 6]

Triumvirate Environmental Services, LLC is required to comply with its permit. Corrective Action:

Signage was immediately placed at the transfer facility waste on the loading dock.

On February 27, 2025, Mr. Cutshall emailed stating he talked with his team and had meetings with the regions that ship to TES that TES can only store material for ten days on the loading dock and the containers with labels not facing out has been fixed.

Please provide documentation the boxes of biohazard waste have been provided a barcode label to the Department within 30 days from the date of your receipt of this report.

## **PHOTO ATTACHMENTS:**

Photo 1 - Transfer facility waste



Photo 2 - Waste container on loading dock since 2/5 /2025



Photo 3 - Close-up of container label in Photo 2



Photo 5 - Close-up of container label in Photo 4



Photo 7 - Close-up of container label in Photo 6



Photo 4 - Waste container on loading dock since 10 /23/2024



Photo 6 - Waste container on loading dock since 10/2 /2024



Photo 8 - Waste container on loading dock since 1/20 /2025



Photo 9 - Close-up of container label in Photo 8



Photo 10 - Waste container on loading dock since 1 /14/2025



Photo 11 - Close-up of container label in Photo 10



Photo 12 - Waste containers on loading dock over ten days



Photo 13-Close-up of container label in Photo 12 dated 12/30/2024



Photo 14 - Close-up of container label in Photo 12 dated 9/30/2024



Photo 15 - Waste containers on loading dock over ten Photo 16 - Close-up of container label in Photo 15 days dated 1/6/2025



Received Trail Account Unpreventing of Scalable Control Accounts A

Photo 17 - Close-up of container label in Photo 15 dated 1/20/2025



Photo 18 - Bottom waste container on loading dock over ten days



Photo 19 - Close-up of container label in Photo 18 dated 1/31/2025



Photo 20 - Waste container on loading dock since 1 /22/2025



Photo 21 - Close-up of container label in Photo 20



Photo 22 - Waste container on loading dock since 1 /13/2025



Photo 23 - Close-up of container label in Photo 22



Photo 24 - Waste container on loading dock since 11 /26/2024



Photo 25 - Close-up of container label in Photo 24



Photo26-Top & bottom waste containers on loading dock over 10 days



Photo 27 - Close-up of container label in Photo 26 dated 2/7/2025



Photo 29 - Waste container on loading dock since 10 Photo 30 - Close-up of container label in Photo 29 /2/2024



Photo 28 - Close-up of container label in Photo 26 dated 1/20/2025





Photo 31 - Waste container on loading dock since 2/3 Photo 32 - Close-up of container label in Photo 31





Photo 33 - Bottom waste container on loading dock over ten days



Photo 34 - Close-up of container label in Photo 33 dated 1/13/2025



Photo 35 - Waste containers on loading dock over ten Photo 36 - Close-up of container label in Photo 35 days dated 1/31/2025



Photo 37 - Close-up of container label in Photo 35 dated 1/31/2025



Photo 38 - Close-up of container label in Photo 35 dated 1/31/2025



Photo 39 - Waste container on loading dock since 2/6 Photo 40 - Close-up of container label in Photo 39





Photo 41 - Waste container on loading dock since 2/4 Photo 42 - Close-up of container label in Photo 41 /2025





Photo 43 - Waste container on loading dock since 2/4 Photo 44 - Close-up of container label in Photo 43 /2025





Photo 45 - Waste container on loading dock since 2/5 Photo 46 - Close-up of container label in Photo 45

/2025



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Photo 47 - Waste container on loading dock since 1

/29/2025



Photo 48 - Close-up of container label in Photo 47



/2025



Photo 49 - Waste container on loading dock since 2/7 Photo 50 - Close-up of container label in Photo 49



Photo 51 - Waste container on loading dock since 9/26/2024



Photo 53 - Container label not facing aisle



Photo 55 - Container label not facing aisle



Photo 57 - Damaged floor sealant



Photo 52 - Close-up of container label in Photo 51



Photo 54 - Container label not facing aisle



Photo 56 - Damaged floor sealant



Photo 58 - Damaged floor sealant



Photo 59 - Damaged floor sealant



Photo 61 - Damaged floor sealant



Photo 63 - Waste containers with no barcode label



Photo 65 - Waste container in warehouse/work shed Photo 66 - Close-up of container label in Photo 65



Photo 60 - Damaged floor sealant



Photo 62 - Waste containers with no barcode label



Photo 64 - Damaged floor sealant





# Conclusion:

Triumvirate Environmental Services, LLC was inspected as a permitted treatment, storage, or disposal facility and was out of compliance at that time.

# 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)			<b>✓</b>
1.3	Did the facility conduct a waste determination on all wastes generated? 262.11		1	

# 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

Michael Eckoff	Inspector			
Principal Investigator Name	Principal Investigator Title			
Michael Eckoff	DEP	03/19/2025		
Principal Investigator Signature	Organization	Date		
Carly Cogburn	Environmental Specialist			
Inspector Name	Inspector Tit	tle		
	FDEP - Central District			
	Organization	1		
Lisa M. Colon	Environmenta	al Specialist		
Inspector Name	Inspector Tit	tle		
	FDEP - Central District			
	Organization	1		
Michael Cutshall	Facility Mana	ger		
Representative Name	Representative Title			
	Triumvirate Services, LL0	Environmental		
	Organization	1		
		vledges receipt of this Inspection Report e Department as "Potential Violations" or		
Randy Troy	EHS &	Transportation		
Representative Name	Compliance S			
- P	Representat			
	Triumvirate	Environmental		
	Services, LLC			
	Organizatior	1		

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:** 

Jill M. Farris

Approver:

Director, Compliance Systems, Justin Hartshorn Assurance. **Representative Name** &Programs Representative Title Triumvirate Environmental Services, 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. Stephanie Atkins Regional EHS Manager **Representative Name** Representative Title Triumvirate Environmental Services, 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. Assistant General Manager Kate Samaniego **Representative Name** Representative Title Triumvirate Environmental Services, 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. General Manager, Southeast Kevin Coulon Division **Representative Name** Representative Title Triumvirate Environmental Services, 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.

**Inspection Approval Date:** 

03/24/2025