



Florida Department of  
Environmental Protection  
Hazardous Waste Inspection Report

**FACILITY INFORMATION:**

**Facility Name:** Stericycle Specialty Waste Solutions Inc  
**On-Site Inspection Start Date:** 03/01/2011      **On-Site Inspection End Date:** 03/01/2011  
**ME ID#:** 56404      **EPA ID#:** FLR000006353  
**Facility Street Address:** 314 W Landstreet Rd # B, Orlando, Florida 32824-7803  
**Contact Mailing Address:** 314 W Landstreet Rd # B, Orlando, Florida 32824  
**County Name:** Orange      **Contact Phone:** (407) 467-9585

**NOTIFIED AS:**

SQG (100-1000 kg/month)  
Transporter  
Transfer Facility  
Used Oil

**INSPECTION TYPE:**

Routine Inspection for Transporter facility  
Routine Inspection for Transfer Facility  
Routine Inspection for Universal Waste Transporter facility  
Routine Inspection for Used Oil Transporter facility

**INSPECTION PARTICIPANTS:**

Principal Inspector: John White, Inspector  
Other Participants: Michael Eckoff, Inspector; Raj Singh, Facility Manager

**LATITUDE / LONGITUDE:** Lat 28° 26' 8.1123" / Long 81° 22' 50.7241"

**SIC CODE:** 4789 - Trans. & utilities - transportation services, nec

**TYPE OF OWNERSHIP:** Private

**Introduction:**

On March 1, 2011, John White and Michael Eckoff, Florida Department of Environmental Protection (FDEP), accompanied by Raj Singh, Stericycle Specialty Waste Solutions, Inc. (Stericycle) Facility Manager, inspected the facility for compliance with State and Federal hazardous waste transporter and transfer facility regulations. Stericycle is located at 314-B West Landstreet Road, Orlando, Orange County, Florida.

Stericycle's status as a Universal Waste Transporter and Handler was approved on January 27, 2010. Stericycle's status as a Hazardous Waste Transporter/Transfer facility was approved on February 10, 2010. The facility operates under the EPA identification number FLR000006353.

The facility is connected to a septic system and municipal water system. Stericycle has operated from this location since May 31, 2009, when they purchased the business from Environmental Enterprises of Florida. The property is owned by Dr. Robert Baker, 424 Riverside Drive, Battle Creek, Michigan 49015.

This is the initial Hazardous Waste compliance inspection of Stericycle at this location.

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### Process Description:

Stericycle employs thirteen people and operates five straight trucks and two tractors. Prior to picking up hazardous waste, generators submit a waste profile to Stericycle. Stericycle submits the profile to the appropriate disposal facility for approval. If the disposal facility is willing to accept the waste, Stericycle then provides the generator with a description of the waste and an acceptance letter. Stericycle then schedules a date and time for transport. The waste is transported to Stericycle's facility and stored on-site, in the trailer or warehouse, for no more than 10 days.

Each trailer can store a maximum of ninety 55-gallon drums. Trailers are stored on a concrete slab that slopes to the rear and has a six inch high concrete curb around three side of the pad. Wastes stored in trailers loaded in accordance with DOT regulations described in 40 CFR 263.10 are not required to meet the aisle space requirement described in 40 CFR 265.35.

Stericycle also manages Universal Pharmaceutical Waste (UPW), electronic wastes, and non-hazardous pharmaceutical wastes.

### INSPECTION

Wastes entering the 10-day area of the warehouse are off-loaded and placed in a check-in area where the condition of the containers is verified. Containers in good condition are reloaded onto trucks. Containers that are not in good condition are replaced and the containers are then reloaded onto trucks.

DEA regulated pharmaceutical waste is stored in a fenced portion of the warehouse to control access.

A portion of the warehouse is designated for Universal Waste storage. Items in this area include lamps/bulbs and batteries. Each of these wastes is stored in a separate row. The contents of waste containers are verified, when possible, and compared to the label.

Universal Pharmaceutical Waste (UPW) is also stored in the warehouse. There were fifteen rows of UPW chemicals stored on pallets and wrapped in shrink-wrap. Each pallet was labeled "Hazardous Waste" for shipment out of state to an incinerator. Non-hazardous pharmaceutical waste is managed as solid waste and is sent to Stericycle's Biological Waste Incinerator, 254 West Keene Road, Apopka, Florida.

There were two rows of electronic wastes, printers and monitors, and three rows of non-hazardous liquid and used oil containers. The used oil was in secondary containment and properly labeled and managed. Non-hazardous liquid waste is shipped to Aqua Clean, Lakeland, Florida. Electronic waste is shipped to Quicksilver Recycling Services, located in Tampa, Florida, and AERC, located in Melbourne, Florida.

There were also fifteen 55-gallon drums of waste collected from the Leon County Household Hazardous Waste Center. The wastes include pesticides that will be shipped to a hazardous waste incinerator and fuels that will be shipped to Perma-Fix for disposal/fuels blending.

Empty drums are compressed in a Drumbeater drum crusher and shipped off-site for recycling.

### RECORD REVIEW

Review of the Contingency Plan, dated 3/23/2010, found the plan mentioned an alternate Emergency Coordinator, Michelle Chambers, who no longer works at the facility. The Contingency Plan and Notification of Local Authorities, as required by 40 CFR 265.37, were updated and copies sent to the appropriate authorities on March 2, 2011.

A copy of the Closure Plan required under Chapter 62-730.171(3)(a)(5) was available for review and was complete and the content acceptable.

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The facility tracks the 10 day time limit for storage of hazardous waste by placing manifests in a bin on the wall that contains information on date-in, date-out, and destination facility. Also, a record of manifests is kept electronically to track the 10-day time limit.

A review of weekly inspection logs for 2010 and 2011 found no violations.

Records documenting training of employees is kept electronically. The training database provides notification of when training is due. Training items are covered monthly. New employees are trained within ninety days of being hired. UPW training was last conducted 8/24/2010. Used Oil management training was last conducted 10/5/2010. DOT/OSHA training was last conducted 7/9/2010. Hazardous waste driver and placarding training was conducted 12/21/2010.

Management of UPW waste at Physician Sales & Service (PSS) Orlando facility was discussed. Inspection of PSS by FDEP personnel found the facility had made no attempt to perform waste determinations as required on waste pharmaceuticals and regularly shipped hazardous waste pharmaceuticals off-site as non-hazardous solid waste. Mr. Singh stated the procedure Stericycle employs at PSS is as follows: PSS sends an inventory of wastes to Stericycle prior to shipment and Stericycle has an employee physically go to PSS to check the inventory. Wastes at PSS are segregated into hazardous and non-hazardous wastes.

All non-hazardous waste from PSS is incinerated at the Stericycle Keene Road facility in Apopka, Florida. The facility is permitted to burn biological waste, but not hazardous waste. Even though Stericycle was provided with an advance copy of the inventory for disposal, and sent a chemist to the site to review the waste, Stericycle staff did not verify that waste profiles were accurate or complete resulting in the transport of hazardous waste without a manifest and disposal of hazardous waste at a facility not permitted to accept hazardous waste [403.727(3)(b)(1), Florida Statutes].

On 09/26/2011, Stericycle Specialty Waste Solutions transported two containers off-site from Dr. P. Phillips Hospital, Orlando, Florida. One container was a drum of "Waste Hypochlorite Solution" EPA waste code D002. The drum weighed 350 pounds and was generated all in one month. Based on this information, the Hospital was regulated as a small quantity generator of hazardous waste and a properly completed hazardous waste manifest is required for transport of hazardous waste off the property. The manifest prepared by Stericycle Specialty Waste Solutions for the facility contained "CESQG" in the EPA identification number field. This resulted in the facility being in violation of 40 CFR 262.20(a) and Stericycle Specialty Waste Solutions transporting hazardous waste on an incomplete manifest.

During an inspection of Stericycle's biological incinerator at 254 West Keene Road, Apopka, Florida, on April 4, 2011, by FDEP personnel it was determined that Stericycle Specialty Waste Solutions transported hazardous waste from the facility on an incomplete hazardous waste manifest. In March 2010, Stericycle Keene Road shipped 385 pounds of lead contaminated solid waste on a hazardous waste manifest that did not include the facility's EPA identification number. In March 2011, Stericycle Keene Road shipped 1,500 pounds of lead contaminated solid waste on a hazardous waste manifest that did not include the facility's EPA identification number. The box for the EPA identification number contained the word "Exempt." In both cases, the waste was generated in one calendar month making the generator a small quantity generator subject to full regulation under 40 CFR Part 262. This includes properly completing a hazardous waste manifest prior to offering the waste for shipment. Stericycle Specialty Waste Solutions made no effort to ensure the hazardous waste manifest was properly completed prior to accepting the waste for transport. This resulted in the facility being in violation of 40 CFR 262.20(a) and Stericycle Specialty Waste Solutions transporting hazardous waste on an incomplete manifest.

Stericycle Specialty Waste Solutions has prepared a "Waste Handler Operating Plan" dated February 16, 2011. As part of the Plan, Stericycle Specialty Waste Solutions is requesting to manage waste from Conditionally Exempt Small Quantity Generators (CESQG's). The Plan cannot be approved until such time as the facility resolves issues caused by accepting hazardous waste for transport as non-hazardous solid waste.

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**New Potential Violations and Areas of Concern:****Checklist Independent Potential Violations and Areas of Concern**

Type: Violation

Rule: 403.727(3)(b)1.

Explanation: Transports or causes to be transported any hazardous waste, as defined in s. 403.703, to a facility which does not have a permit when such a permit is required under s. 403.707 or s. 403.722; On several occasions, Stericycle Specialty Waste Solutions caused hazardous waste to be transported to Stericycle's Keene Road facility in Apopka, Florida for incineration. The Keene Road facility is not permitted to accept hazardous waste.

Corrective Action: Stericycle Specialty Waste Solutions must ensure that waste streams received from generators have been reviewed to determine if that waste is a hazardous waste. Personnel must be trained to verify waste profiles provided by generators are accurate and reflect wastes expected from the industry. Customers should be reviewed to determine if the customers have the potential to generate hazardous waste. Waste profiles from those customers should be reviewed to ensure Stericycle Specialty Waste Solutions is not transporting hazardous waste without a manifest to a facility not permitted to accept such waste.

Within 30 days of receipt of this report, Stericycle Specialty Waste Solutions must provide written assurances that facility operations will be modified to ensure hazardous waste is not transported without a manifest or shipped to a facility not permitted to accept such waste.

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Type: Violation

Rule: 403.727(3)(b)5.

Explanation: Any person who knowingly or by exhibiting reckless indifference or gross careless disregard for human health transports without a manifest, or causes to be transported without a manifest, any hazardous waste required by rules adopted by the department to be accompanied by a manifest.

Specifically, Stericycle Specialty Waste Solutions accepted hazardous waste from Physician Sales & Service, Orlando, Florida for transport without a hazardous waste manifest and subsequently transported the hazardous waste without a manifest to Stericycle, Inc. in Apopka, Florida.

Corrective Action: Stericycle Specialty Waste Solutions must ensure that waste streams received from generators have been reviewed to determine if that waste is a hazardous waste. Personnel must be trained to verify waste profiles provided by generators are accurate and reflect wastes expected from the industry.

Hazardous waste manifests from facilities that generate greater than 220 pounds of hazardous waste or greater than 2.2 pounds of acutely toxic hazardous waste must include the generator's EPA identification number.

Within 30 days of receipt of this report, Stericycle Specialty Waste Solutions must provide written assurances that facility operations will be modified to ensure hazardous waste is not transported without a manifest or shipped to a facility not permitted to accept such waste.

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**Summary of Potential Violations and Areas of Concern:**Potential Violations

<b>Rule Number</b>	<b>Area</b>	<b>Date Cited</b>	<b>Explanation</b>
Checklist Independent Violations			
403.727(3)(b)1.		03/01/2011	Transports or causes to be transported any hazardous waste, as defined in s. 403.703, to a facility which does not have a permit when such a permit is required under s. 403.707 or s. 403.722; On several occasions, Stericycle Specialty Waste Solutions caused hazardous waste to be transported to Stericycle's Keene Road facility in Apopka, Florida for incineration. The Keene Road facility is not permitted to accept hazardous waste.
403.727(3)(b)5.		03/01/2011	<p>Any person who knowingly or by exhibiting reckless indifference or gross careless disregard for human health transports without a manifest, or causes to be transported without a manifest, any hazardous waste required by rules adopted by the department to be accompanied by a manifest.</p> <p>Specifically, Stericycle Specialty Waste Solutions accepted hazardous waste from Physician Sales &amp; Service, Orlando, Florida for transport without a hazardous waste manifest and subsequently transported the hazardous waste without a manifest to Stericycle, Inc. in Apopka, Florida.</p>

Areas of Concern

No Areas of Concern

**Conclusion:**

Stericycle Specialty Waste Solutions was inspected as a hazardous waste transporter/transfer facility, used oil transporter and universal waste transporter and was not in compliance at the time of this inspection. The facility does not appear to be following their standard operating procedures in creating waste profiles for companies and verifying that what is transported meets the waste profile.

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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. The above noted potential items of non-compliance were identified by the inspector(s).

This is not a formal enforcement action and may not be a complete listing of all items of non-compliance discovered during the inspection.

John White

**PRINCIPAL INSPECTOR NAME**

Inspector

**PRINCIPAL INSPECTOR TITLE**

NO SIGNATURE

**PRINCIPAL INSPECTOR SIGNATURE**

FDEP

**ORGANIZATION**

Michael Eckoff

**INSPECTOR NAME**

Inspector

**INSPECTOR TITLE**

NO SIGNATURE

**INSPECTOR SIGNATURE**

FDEP

**ORGANIZATION**

Raj Singh

**REPRESENTATIVE NAME**

Facility Manager

**REPRESENTATIVE TITLE**

NO SIGNATURE

**REPRESENTATIVE SIGNATURE**

Stericycle

**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.