



Florida Department of  
Environmental Protection  
Hazardous Waste Inspection Report

**FACILITY INFORMATION:**

**Facility Name:** Perma Fix of Ft Lauderdale Inc

**On-Site Inspection Start Date:** 06/23/2009

**On-Site Inspection End Date:** 06/23/2009

**ME ID#:** 50649

**EPA ID#:** FLD981018773

**Facility Street Address:** 3670 SW 47th Ave #109, Davie, Florida 33314

**Contact Mailing Address:** 3701 SW 47th Ave #109, Davie, Florida 33314-2830

**County Name:** Broward

**Contact Phone:** (954) 583-3795

**NOTIFIED AS:**

CESQG (<100 kg/month)

Transporter

Transfer Facility

Used Oil

**INSPECTION TYPE:**

Routine Inspection for Hazardous Waste Transporter facility

Routine Inspection for Used Oil Transporter facility

Routine Inspection for Hazardous Waste Transfer Facility

Routine Inspection for Used Oil Transfer Facility

Routine Inspection for Used Oil Marketer facility

Routine Inspection for Used Oil Processor facility

Routine Inspection for Universal Waste Transporter facility

**INSPECTION PARTICIPANTS:**

Principal Inspector: Kathy R Winston, Inspector

Other Participants: Jeremy Vincent, Environmental Specialist; John Lennon, Site Manager

**LATITUDE / LONGITUDE:** Lat 26° 4' 37.8283" / Long 80° 12' 33.5153"

**SIC CODE:** 9511 - Public admin. - air, water, and solid waste management

**TYPE OF OWNERSHIP:** Private

**Introduction:**

PermaFix of Ft. Lauderdale (PFFL) is a permitted facility authorized to process used oil, oily wastewater, petroleum contact water, oily solid waste, and used oil filters. PFFL is a hazardous waste transporter and transfer station. The facility is situated on a 2.5 acre site in light industrial area, and is served by city water and sewer. PFFL has operated from this site for 13 years and employs 25 people.

The participants in the inspection were Department personnel Kathy Winston and Jeremy Vincent, and PFFL site manager, John (Shawn) Lennon.

Inspection History - The Department is required to inspect PFFL at least every two years. Inspections were conducted in 2007 and before that in 2006. In each case, few, if any, items were requested and the facility was brought back into compliance without enforcement.

Inspection Date: 06/23/2009

**Process Description:**

Used oil and oily wastewater are received in the tank farm area located in the southeast portion of the site. Used oil is offloaded into two 20,000-gallon aboveground tanks. The used oil is filtered, and then allowed to sit for further oil/water separation. The processed oil is tested for compliance with on-specification standards, and is sold as fuel oil to PFFL customers. The oily wastewater is transferred for storage in one of seven tanks. The oily water is filtered, and then transferred to a boiler tank where it is heated to 150 ° F for oil/water separation. An emulsifier is added to facilitate further oil/water separation and the temperature is raised to 200 ° F, then the process is shut down. The water readily separates from the oil, and the oil is diverted to a holding tank.

Used oil filters are not consolidated but sent in generator containers to US Foundry in Medley, Florida. Oily solid wastes are consolidated into a rolloff container for disposal at the Central Landfill in Pompano Beach, Florida.

Inspection - The facility inspection revealed only one hazardous waste management issue; some of the Universal Waste lamps in the transfer facility area storage were not labeled per the state regulation. All the boxes that were easily inspected appeared to have Universal Waste stickers on them but did not say "Mercury Containing Lamps for Recycling" or any of the other acceptable labeling phrases per the state regulations. See the potential violations area of this report for the Department's recommendation on this matters.

Records Review - Inspectors reviewed acceptance and delivery logs for both hazardous waste and used oil. Bills of Lading and manifests were also compared to the logs mentioned above and found to be in order. Training records and facility inspection logs were available. Two record keeping deficiencies were noted. The Contingency Plan did not include the home addresses of the primary and secondary emergency coordinator. The other deficiency also involved the Contingency Plan; the Contingency Plan did not have the State Warning Point number included on the list of places to call in case of a spill of a reportable quantity of any substances.

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

Type:	Violation
Rule:	279.52(b)(2)(iii)
Explanation:	The facility's Contingency Plan did not include the State Warning Point on list of numbers to be called in case of spill.
Corrective Action:	Please revise Contingency Plan to include State Warning Point on appropriate page and supply revised page to Department and local authorities.

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Type:	Violation
Rule:	279.52(b)(2)(iv)
Explanation:	Contingency Plan must included home address of primary and secondary emergency coordinator.
Corrective Action:	Please revise Contingency Plan to include home addresses of primary and secondary emergency coordinator and send revised pages to Department and local authorities.

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Type:	Area Of Concern
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Inspection Date: 06/23/2009

Rule: 62-737.400(5)(b)1.

Explanation: All visible Universal Waste lamps in the transfer facility area had Universal Waste stickers on them, however, some of the lamps did not have the state required statements concerning recycling.

Corrective Action: Please properly label mercury containing lamps when received from customers.

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

#### Potential Violations

Rule Number	Area	Date Cited	Explanation
Checklist Independent Violations			
279.52(b)(2)(iii)		06/23/2009	The facility's Contingency Plan did not include the State Warning Point on list of numbers to be called in case of spill.
279.52(b)(2)(iv)		06/23/2009	Contingency Plan must include home address of primary and secondary emergency coordinator.

#### Areas of Concern

Rule Number	Area	Date Cited	Explanation
Checklist Independent Areas of Concern			
62-737.400(5)(b)1.		06/23/2009	All visible Universal Waste lamps in the transfer facility area had Universal Waste stickers on them, however, some of the lamps did not have the state required statements concerning recycling.

### Conclusion:

Based on the inspection, PFFL appears to generate less than 100 kg of hazardous waste per month which would classify them as a Conditionally Exempted Small Quantity Generator (CESQG), however, as a permitted facility PFFL has obligations beyond their generation status. An exit interview was conducted at the conclusion of the inspection which addressed the potential violations listed above.

The facility was found to be out of compliance at the time of the inspection. The facility was given 14 days to return to compliance.

Inspection Date: 06/23/2009

**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.

Kathy R Winston

**PRINCIPAL INSPECTOR NAME**

Inspector

**PRINCIPAL INSPECTOR TITLE**

**PRINCIPAL INSPECTOR SIGNATURE**

6/22/2009

**DATE**

Jeremy Vincent

**INSPECTOR NAME**

Environmental Specialist

**INSPECTOR TITLE**

NO SIGNATURE

**INSPECTOR SIGNATURE**

FDEP

**ORGANIZATION**

John Lennon

**REPRESENTATIVE NAME**

Site Manager

**REPRESENTATIVE TITLE**

**REPRESENTATIVE SIGNATURE**

PermaFix of Ft. Lauderdale

**ORGANIZATION**

6/23/2009

**DATE**

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.