



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

FACILITY INFORMATION:

Facility Name: Perma-Fix Of Florida Inc

On-Site Inspection Start Date: 08/14/2014

On-Site Inspection End Date: 08/14/2014

ME ID#: 50775

EPA ID#: FLD980711071

Facility Street Address: 1940 NW 67th PI, Gainesville, Florida 32653-1649

Contact Mailing Address: 1940 NW 67th PI, Gainesville, Florida 32653-1649

County Name: Alachua

Contact Phone: (352) 395-1356

NOTIFIED AS:

LQG (>1000 kg/month)

Transporter

TSD Facility Unit Type(s)

Used Oil

INSPECTION TYPE:

Routine Inspection for TSD Facility Unit Type(s)

Routine Inspection for LQG (>1000 kg/month) facility

Routine Inspection for Universal Waste Transporter facility

Routine Inspection for Used Oil Generator facility

Routine Inspection for Hazardous Waste Transporter facility

Routine Inspection for Used Oil Transfer Facility

Routine Inspection for Used Oil Marketer facility

INSPECTION PARTICIPANTS:

Principal Inspector: Jabe Breland III, Inspector

Other Participants: Tristan Timm, Radiation Safety Officer; Dwayne Singleton, Operations

LATITUDE / LONGITUDE: Lat 29° 43' 0.5156" / Long 82° 20' 59.741"

SIC CODE: 4953 - Trans. & utilities - refuse systems

TYPE OF OWNERSHIP: Private

Introduction:

Perma-Fix of Florida, Inc. (Perma-Fix) was inspected on August 14, 2014, by the Department of Environmental Protection's (DEP) Hazardous Waste Section as an unannounced compliance inspection. Heather Hahn and Hans Schneider with DEP also participated in the inspection.

Perma-Fix is a Large Quantity Generator and a permitted hazardous waste storage facility. The facility's processes include liquid and sludge bulking, scintillation vial and other small container crushing and shredding, repackaging of solid wastes contaminated by hazardous wastes, stabilization of wastes in containers, thermal desorption and/or chemical oxidation, used oil handling, petroleum contact water (PCW) transportation and consolidation and storage of discarded mercury-containing devices. Perma-Fix was issued permit number 17680-010-HC on September 16, 2010. The permit is for the operation of a hazardous waste treatment and storage facility consisting of a tank, two container storage areas, and two miscellaneous treatment units. The facility was last inspected on September 17, 2013. Operations have not changed since then, and the same procedures are in place and being implemented. Descriptions of permitted areas and processes are detailed in previous inspection reports and will not be repeated in this report.

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Process Description:

The facility is surrounded by a barbed wire fence with restricted access. Adequate signage was posted around the perimeter of the facility.

PROCESSING AND STORAGE BUILDING

The Processing and Storage Building (PSB) is a permitted hazardous waste container and tank storage area, as well as a fuel-blending location that includes phase separation treatment. The hazardous waste containers that were examined were properly labeled and closed and had been dated with the storage start date. All satellite containers of hazardous waste in the fuel blending section of the permitted storage area were properly closed and labeled. This included one satellite aerosol can waste drum, one drum for storage of pumping equipment, one lab pack drum, and one drum for solids from the fuel blending process (empty at the time of inspection).

TREATMENT AND OPERATIONS BUILDING (TOB)

Perma-Fix Analytical Services occupies the southeast corner of the TOB. The laboratory performs fingerprint analyses on each incoming waste stream to confirm that waste received by the facility conforms to the initial waste profile. Laboratory operations generate waste acid, solvents, liquids, glass, and plastic that are managed as mixed waste. There were several satellite containers throughout the lab which were properly labeled and closed. One metal container located on a lab bench appeared to be rusting on the outside (Photo 1). The inside of the container was in good condition, but it was recommended that the facility replace this container. Subsequent to the inspection, the facility replaced this container with a new satellite container.

The laboratory 90-day accumulation area is located just outside the lab in the east half of the TOB. At the time of the inspection, there were three 55-gallon drums accumulating (acid waste, flammable liquid waste, and waste vial solids) that were properly labeled, dated, and closed. All of these containers had been accumulating less than 90 days.

LSV PROCESSING AND WASTE STORAGE BUILDING

The Waste Storage Warehouse (WSW) contains a permitted hazardous waste container storage area, Liquid Scintillation Fluid (LSF) processing area, Debris Treatment Unit, maintenance shop, and a separate storage area for used oil, oily wastewater, and other non-hazardous wastes.

WSW Hazardous Waste Container Storage Area:

The hazardous waste containers that were examined were properly labeled and closed, and had been dated with the storage start date. At the time of the inspection, the facility was not exceeding the maximum volume or the volume limits for each of the individual storage zones. Universal waste lamps were stored in properly labeled and secure containers (Photo 2).

Liquid Scintillation Fluid (LSF) Processing:

At the time of the inspection, the LSF processing area was not in operation.

Maintenance Shop

The maintenance shop is located in this building and contains one parts washer. Diesel fuel is used as a solvent, generating a non-hazardous waste parts washer fluid. The facility generates less than 55 gallons per year of this waste stream, which is added to the used oil in the fuel blending area for energy recovery as needed. The facility's used oil filter container and used oil container were properly labeled.

Record Review:

Perma-Fix of Florida, Inc. is currently a Large Quantity Generator of hazardous waste and a permitted hazardous waste treatment and storage facility.

During the inspection, records documenting the treatment procedures and operation log of the monitoring and safety equipment were reviewed. Based upon the review of these documents,

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Perma-Fix is meeting the requirements of the specific conditions listed in the permit. In addition, randomly selected records for inbound shipments of waste were reviewed for compliance for required waste screening, selected treatment, and final disposal history. No discrepancies were noted during this record review.

A review of the facility's manifests, biennial report, contingency plan, annual personnel training records, weekly container inspection logs for the 90-day containers in the TOB, and subpart BB records were reviewed and were in order. No violations were noted in the areas inspected.

PHOTO ATTACHMENTS:

Photo 1 - rusted satellite container



Photo 2 - universal waste storage area



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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.

Jabe Breland III

PRINCIPAL INSPECTOR NAME

Inspector

PRINCIPAL INSPECTOR TITLE**PRINCIPAL INSPECTOR SIGNATURE**

DEP

ORGANIZATION

9/10/2014

DATE**Supervisor:**Jabe Breland III

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.