



Florida Department of
Environmental Protection

Hazardous Waste Inspection Report

FLD 980709075

FACILITY INFORMATION:

Facility Name: World Petroleum Corp

On-Site Inspection Start Date: 11/08/2011

On-Site Inspection End Date: 11/08/2011

ME ID#: 50795

EPA ID#: FLD980709075

Facility Street Address: 3650 SW 47 Ave, Davie, Florida 33314

Contact Mailing Address: 4717 Orange Dr, Davie, Florida 33314-3901

County Name: Broward

Contact Phone: (954) 327-0724

NOTIFIED AS:

CESQG (<100 kg/month)

Transporter

Used Oil

INSPECTION TYPE:

Routine Inspection for CESQG (<100 kg/month) facility

Routine Inspection for Hazardous Waste Transporter facility

Routine Inspection for Used Oil Marketer facility

Routine Inspection for Used Oil Processor facility

Routine Inspection for Used Oil Transporter facility

Routine Inspection for Used Oil Transfer Facility

Routine Inspection for Universal Waste Transporter facility

INSPECTION PARTICIPANTS:

Principal Inspector: Magdalena Gierczak, Inspector

Other Participants: Chester Wendell, ES III; Philip Pierre-Louis, Env. Compliance Officer

LATITUDE / LONGITUDE: Lat 26° 4' 35.5433" / Long 80° 12' 36.1282"

SIC CODE: 2992 - Manufacturing - lubricating oils and greases

TYPE OF OWNERSHIP: Private

Introduction:

World Petroleum Corp. (WPC) is a permitted Used Oil Processor, permit number 0054228-HO-003, expiration date October 12, 2013. WPC is also a registered used oil transporter, used oil transfer facility, used oil marketer, used oil filter processor, used oil filter transporter, used oil filter transfer facility, a hazardous waste transporter and a Small Quantity Handler and transporter of Universal Waste. The facility is located on a one acre site in an industrial area and is serviced by city water and a portable toilet and is completely surrounded by security fencing and concrete block walls. Facility consists of a tank farm inside secondary containment, used oil filter and oily solid waste storage, designated areas for empty container storage, parking for the facility's fleet, a small trailer office and another small trailer used for minor repairs.

The facility has been in operation at this site since 1985, has 20 employees, and came under new ownership approximately three (3) years ago.

Compliance History:

As a result of an inspection on May 17, 2007, a Warning Letter was issued to Mr. Miranda and WPC

Inspection Date: 11/08/2011

on October 21, 2008 for multiple violations found at the facility. This matter was resolved through a Consent Order on April 17, 2009.

WPC was later inspected on February 12, 2008. Only minor violations were noted at the time of the inspection and the facility was brought back into compliance without enforcement on March 6, 2008.

Last inspection was conducted on June 10th, 2010. Minor violations were noted at time of inspection and facility returned into compliance without enforcement.

Process Description:

Oil processing procedures have not changed since last inspection. Gravity separation and filtration are the primary processing mechanisms for used oil at this facility. Used oil and oil containing water are filtered, transferred to a boiler tank where it is heated to 180 degrees F to facilitate further oil/water separation, then the process is shut down. After standing for eight hours, the separated water is pumped to a truck for delivery to Cliff Berry, Inc. and the used oil is diverted to holding tanks to be marketed to WPC customers.

The tank farm includes the following tanks:

- 30,000 gallons x2
- 20,000 gallons x7
- 25,000 gallons x1
- 3,000 gallons x1 used for overflow

Tank numbers were not noted at time of inspection. All tanks were properly labeled with their contents.

Used oil filters that are crushed on site are shipped to US Foundry in Miami and the oily solid waste collected by WPC goes to Wheelbrator's Central Landfill in Broward County.

At the time of the inspection, WPC was outsourcing hazardous and universal waste transporting through Phillip Service Corp. of Pompano Beach and AERC of Melbourne, respectively.

A tour of the facility revealed one area of concern also noted during previous inspection.

- two (2) used oil filter roll-off containers were uncovered at time of inspection; although no personnel was present or operating the machinery, the facility operator stated that machines were in use and processing used oil filters.

Also, twelve (12) drums containing oily sludge mixed with used oil filters and other solids, labeled as used oil filters were observed outside and open.

Other than record discrepancies noted during previous DEP inspection, there were no other discrepancies noted at this time.

Operator provided a copy of current insurance policy to enter into the Department's file.

New Potential Violations and Areas of Concern:

Used Oil Processor

Type: Violation

Rule: 62-710.850(5)(a)

Question Number: 28.90

Question: Are the filters stored in above ground containers which are (All of the following checkboxes must be checked for this question to be marked Ok, otherwise this question must be marked as Not Ok.):

Explanation: Twelve (12) used oil filter drums (three (3) of which contained large amounts of oily sludge) were observed oped during the inspection.

Inspection Date: 11/08/2011

Two used oil filter shipping roll-off containers were observed uncovered with no personnel attending to /working on them at time of inspection.

Corrective Action: All waste containers must be closed at all times except when adding or removing wastes.

Please provide pictures of closed drums as proof of compliance.

Attachments:

Open containers 1



Open containers 2



Open containers 3



Summary of Potential Violations and Areas of Concern:Potential Violations

Rule Number	Area	Date Cited	Explanation
Used Oil Processor 62-710.850(5)(a)		11/08/2011	<p>Twelve (12) used oil filter drums (three (3) of which contained large amounts of oily sludge) were observed oped during the inspection.</p> <p>Two used oil filter shipping roll-off containers were observed uncovered with no personnel attending to /working on them at time of inspection.</p>

Inspection Date: 11/08/2011

Areas of Concern

No Areas of Concern

Conclusion:

Since ownership change, in 2008, the facility has been undergoing numerous upgrades. Most recent upgrades observed during the inspection were tank piping and mechanism upgrades. Facility changed piping to "hard" metal pipes in place of the "soft" hose piping. All piping was labeled and color-coded properly.