



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

FACILITY INFORMATION:

Facility Name: World Petroleum Corp

On-Site Inspection Start Date: 07/19/2017

On-Site Inspection End Date: 07/19/2017

ME ID#: 50795

EPA ID#: FLD980709075

Facility Street Address: 3650 SW 47th Ave, Davie, FL 33314

Contact Mailing Address: 3701 SW 47th Ave Ste 101, Davie, FL 33314

County Name: Broward

NOTIFIED AS:

CESQG (<100 kg/month)

Transporter

Used Oil

INSPECTION TYPE:

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

Routine Inspection for Used Oil Transporter facility

Routine Inspection for Used Oil Transfer Facility facility

Routine Inspection for Used Oil Processor facility

Routine Inspection for Used Oil Marketer facility

Routine Inspection for Used Oil Marketer facility

Routine Inspection for Universal Waste Transporter facility

INSPECTION PARTICIPANTS:

Principal Inspector: Norva Blandin, Inspector

Other Participants: Bridjette Bucell, Environmental Specialist II; Chad Gregory, Director of Operations

LATITUDE / LONGITUDE: Lat 26° 4' 34.1948" / Long 80° 12' 33.0274"

SIC CODE: 2992 - Manufacturing - lubricating oils and greases

TYPE OF OWNERSHIP: Private

Introduction:

On July 19, 2017 a representative of the Florida Department of Environmental Protection (FDEP) conducted a used oil compliance inspection at World Petroleum Corp (WPC). The facility is situated on a one acre site in an industrial area and is serviced by city water and a portable toilets. The facility has been in operation at this site since 1985, has 15 employees, and came under new ownership approximately six years ago. During the inspection, WPC was represented by Mr. Chad Gregory, the General Manager of the facility. The FDEP was represented by Norva Blandin and Bridjette Bucell, Environmental Specialists.

World Petroleum Corp. (WPC) is a permitted Used Oil Processor, permit number 0054228-HO-005, expiration date October 21, 2018. 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. According to the documentation provided, the facility is currently registered as a used oil handler effective 06/30/2018 with the Department.

Notification History:

2/9/2017- notified as 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.

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Inspection history:

12/22/2014 - FDEP inspection. Minor OC; one (1) violation, resolved through Compliance without Enforcement (CWOE)

1/29/2013 - FDEP inspection. Minor OC; three (3) violations, resolved through Compliance without Enforcement (CWOE).

PPE (Personal Protective Equipment) was required to enter this facility. The inspectors wore safety boots and hard hats throughout the inspection.

Process Description:

The inspectors toured the facility located on 3650 SW 47th Ave in Davie, Florida. The record review and meeting was conducted in WPC's main office located at 3701 SW 47th Ave Suite 101 in Davie, Florida.

WPC is completely surrounded by security fencing and concrete-block walls. The 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, another small trailer used for minor repairs, and a waste water treatment plant. WPC maintains a fleet of 20 trucks, which are used to transport used oil from WPC clients (i.e. used oil generating facilities) to the WPC facility site.

Gravity separation and filtration are the processing mechanisms conducted by the facility for used oil. Used oil and oil containing water are filtered, transferred to a boiler tank, and then heated to 180 degrees Fahrenheit in order to further facilitate oily/water separation. The process is then 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. Mr. Gregory demonstrated to the inspectors that all piping was changed to hard piping to prevent any potential spill. The inspectors observed good housekeeping and best management practices (BMP's) implemented on site.

Used oil filters (UOF's), are crushed on site under a tented area surrounded with concrete berms. UOF's are shipped to US Foundry in Miami and the oily solid waste collected by WPC goes to Wheelabrator's Central Landfill in Broward County. At the time of the inspection, WPC was transporting hazardous waste and Universal Waste while sometimes brokering these jobs through PSC of Pompano Beach or AERC of Melbourne, respectively.

During the inspection, the inspectors observed a waste water treatment plant near to the tank farm area (named as chemical storage area). Mr. Gregory stated that this plant was out of service and is no longer in use. The inspectors observed twenty-two (22)- 55 gallon drums of chemical residuals (raw products). Most of the drums were partially empty. The facility was not able to demonstrate that a proper waste determination was conducted in order to dispose appropriately. Mr. Gregory will provide copies of the waste determination and disposal record.

According to the facility's Waste Analysis Plan (WAP), the halogen content of all used oil entering the facility is tested by WPC's transport vehicle operators, all of whom are trained in how to test the halogen content of their used oil shipments. WPC has a laboratory to conduct testing of the used oil in order to determine their content of halogens (Chlor D Tek). Also, complying with their waste analysis plan (WAP), the facility takes representative samples for on-spec certification using certified laboratories while keeping records on site for review.

DOT placards were displayed (US DOT1118579FL) on the side of all trucks, and the transporter keeps copies of the permits, notifications, contingency plan (in case of emergency) and manifests on the truck. Also, the trucks are properly identified as used oil transporters and have spill kits available on site.

Preparedness and Prevention measures including eye wash areas, fire extinguishers, an internal communication system, and spill kits were observed on site. WPC also conducts weekly and daily inspections (checklists) for their tanks and secondary containment areas, while also keeping documentation on site for review.

Record Review:

> Disposal Records for used oil, used oil antifreeze, used oil filters, oily water, and oily rags: pick-up and delivery records were provided at the time of inspection. At least three years were available for review. For UOF's waste are shipped as scrap metal to US Foundry (EPA ID # FLD004128336), a permitted facility in

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Miami authorized to recycle used oil filters.

For Hazardous waste - WPC uses the services of Stericycle (EPA ID #FL0000702488) as (a) transporter and PSC/ Allworth (EPA ID #ALD094476793) as their designated facility. For Universal waste - WPC uses the services of AERC. During the inspection, the inspectors did not observe any accumulation of universal wastes.

> Contingency Plan/Notification to Local Authorities - the facility has a hard copy of their current Contingency Plan available during the inspection. It was noted that information of their emergency coordinator job description information was not updated; as a result, the emergency response arrangements and distribution of the plan to local authorities must be redistributed. The other elements required by rule were included in the Contingency Plan. This included: the Closure Plan, Waste Analysis Plan (WAP), and Emergency Response Procedures amongst others.

>Transport, receiving, and shipping records were available for review at the time of inspection. The facility was using an equivalent form [62-710.901(2)]. All acceptance and delivery records reviewed were out of compliance with requirements described in 40 CFR part 279.46. The facility failed to include the EPA ID numbers of the used oil generators whose used oil WPC was transporting on the documents. It was noted that for the hazardous waste transporting, EPA ID's were also not included in the manifests.

> The facility's Used Oil and Used Oil Filter Annual Reports from the last three years were also available to the inspector for review. The most recent Annual Report appeared to be complete and in-order. Last report was dated March 1, 2017.

> Liability Records - Records of the facility's Used Oil Handler Certification of Liability Insurance forms from the last three years were available for review. According to the observations of the inspector, these Certification of Liability Insurance forms appeared to be complete and in-order. The facility provided proof of Pollution Liability Insurance (Nautilus Ins Co) in the amount of \$2M Policy #GLP202312510 and Policy #SSP202312710 Exp. Date: 7/7/2018.

> Records of the facility's yearly financial reports (specifically its Used Oil Processing Facility Closing Cost Estimate Forms) from the last three years were also available for review. According to the observations of the inspector, these Closing Cost Estimate forms appeared to be complete and in-order.

> Records of the facility's Waste Analysis Plan were available for review. The inspector reviewed the facility's Waste Analysis Plan, which appeared to be complete and in-order. More specifically, the facility appeared to have a standard operating procedure for the testing of the halogen content of used oil entering the facility.

> Employee Training - All employees receive initial and annual hazardous waste and used oil training, including training concerning the facility's proper hazardous waste and used oil handling, storage, and spill cleanup procedures. The facility maintains records for Used Oil Transporter certification for their employees and also for the hazardous waste transporter training (RCRA). Last training was conducted on 1/26/17 and 2/28/17 respectively.

> SPPC was available for review. Last revision dated 05/2017.

> All DEP permits, forms, and inspection reports displayed on-site appeared to be complete and in-order. In addition, the facility prominently displayed all permits and licenses issued by Broward County for its used oil handling activities in accessible locations on-site. The inspector observed that these county permits/licenses appeared to be complete and in-order.

New Potential Violations and Areas of Concern:

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Violations

Type: Violation
Rule: 262.11
Question Number: 2.6
Question: Has the facility properly identified all hazardous waste streams? (Check any that are not OK) 262.11
Explanation: The inspectors observed twenty-two (22) - 55-gallon drums of chemicals that are in need to be determined if they are hazardous wastes or not. Based on the information provided by Mr. Gregory, these drums apparently contain chemical residuals from the waste water treatment plant.
Corrective Action: Please provide to the Department, a copy of the inventory list of the chemicals, a copy of the full assessment, and copy of the disposal record for those wastes.

*** violation was corrected on 8/14/17***

Type: Violation
Rule: 62-710.510(1)
Explanation: World Petroleum failed to include the EPA ID numbers of the generators of used oil in their acceptance and delivery records.
Corrective Action: Please provide to FDEP at least two (2) weeks (after proper registration) of the manifest or acceptance/delivery records that include EPA ID numbers of the generators (if applicable), invoice numbers and destination name with EPA ID Number.

*** Violation was corrected on 8/14/17 ***
*** repeated violation from previous inspection conducted on 12/22/2014***

Type: Violation
Rule: 263.20(h)(2)(i)
Explanation: After reviewing the hazardous waste manifests, the inspectors observed that the waste manifests did not include EPA ID of the generators.
Corrective Action: Please make the corrections and provide copies of the corrected manifests to the Department.

*** Violation corrected on 8/14/17 ***

Type: Violation
Rule: 279.52(b), 279.52(b)(4)
Explanation: The facility failed to update the contact information of its Emergency Coordinator in the facility's Contingency Plan specifically job description.
Corrective Action: Please submit a corrected version of the facility's Contingency Plan (i.e. the Contingency Plan that contains the updated job description of the facility's Emergency Coordinator) to the Department.
*** violation was corrected on 8/14/17 ***
*** this violation was observed on previous inspection conducted in 1/29/2013 and 12/22/2014 ***

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Type:	Violation
Rule:	279.52(b)(3), 279.52(b)(3)(ii)
Explanation:	The facility failed to notify local emergency authorities of the facility's revised Contingency Plan (i.e. the Contingency Plan that contained the contact information of its Emergency Coordinator and job description).
Corrective Action:	Please submit to the Department documentation demonstrating that the facility has notified local authorities of the facility's revised Contingency Plan (i.e. the Contingency Plan containing the job description of the facility's Emergency Coordinator). ***violation corrected on 8/14/17 *** *** repeated violation observed in the inspection conducted in 1/29/13***

PHOTO ATTACHMENTS:

WPC truck



UOF Crusher Machine



Tank Farm



WWTP (chemical storage)



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Spill Kit Area



Lateral view of WPC



QC Lab



Conclusion:

According to the observations of the inspectors, WPC transports, transfers, stores, processes, and markets used oil and used oil filters. Therefore, the facility appears to be a Used Oil Transporter/ Processor/ Marketer/ Transfer Facility and a Used Oil Filter Transporter/ Transfer Facility. The facility was not in compliance during the time of inspection and was given fifteen days to return to compliance.

On 8/14/2017, the facility provided all documentation required in order to correct the violations cited in this inspection report. According to the waste determination, sampling was conducted by Pace Analytical on 7/28/17. Four (4) - 55 gallon drums were determined to be non hazardous. The remaining drums: one (1) was empty and seventeen (17) - 55 gallon drums were raw good (products). Disposal record was provided to the Department. All violations regarding the missing elements for the Contingency Plan, used oil acceptance and delivery records, and manifest corrections for hazardous waste transporting were corrected. Documentation for these corrections were received by the Department.

Facility returned to compliance on 8/14/17.

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2.0 - CESQG 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.

Item No.	Standards for Conditionally Exempt Small Quantity Generators	Yes	No	N/A
2.2	Does the facility generate less than 100 kg/mo (220 lb/mo) of all hazardous wastes? 261.5	✓		
2.3	Does the facility generate less than 1kg/mo of acutely toxic (P-listed, 40 CFR 262.33) hazardous wastes? 261.5	✓		
2.4	Does the facility accumulate onsite no greater than 1,000 Kilograms (2,200 pounds) of hazardous waste at any one time? 261.5	✓		
2.5	Does the facility accumulate onsite less than a total of 1 kg of acute hazardous waste listed in 261.31 or 261.33(e)? 261.5	✓		
Item No.	Hazardous Waste Determination	Yes	No	N/A
2.6	Has the facility properly identified all hazardous waste streams? (Check any that are not OK) 262.11 <input type="checkbox"/> Is it excluded under 261.4? <input type="checkbox"/> Is it listed in subpart D of 261 or appendix IX of 261? <input type="checkbox"/> Has the waste been analyzed? <input type="checkbox"/> Has generator knowledge of the hazard characteristics of the waste in light of the materials used been applied?		✓	
Item No.	Record Keeping	Yes	No	N/A
2.7	Has the facility documented delivery of its hazardous waste to a facility permitted or authorized to accept the waste? (Check any that are not OK) 261.5(g)(3) <input type="checkbox"/> Name and address of the generator and TSD/authorized facility. <input type="checkbox"/> Type and amount of hazardous waste delivered. <input type="checkbox"/> Date of shipment	✓		
2.8	Are written records and other receipts documenting proper disposal retained for at least 3 years? 62-730.030(3)	✓		

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6.0 - Transporters 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.

Item No.	Transporter Requirements (62-730.170 & 40 CFR 263)	Yes	No	N/A
6.1	Has the transporter notified the Department as a transporter and received an EPA identification number? 62-730.150(2)(a), 263.11(a)	✓		
6.3	If YES, does the transporter comply with 40 CFR 262 Generator Standards? 263.10(c)	✓		
6.5	If YES, does the transporter comply with 40 CFR 262 Generator Standards? 263.10(c)	✓		
6.7	If NO, is the waste exempt from the manifest requirement? 263.20(a)(1) <input type="checkbox"/> Exemption Type - Tolling Agreement <input type="checkbox"/> Exemption Type - CESQG Bill-of-Lading	✓		
6.8	Does the transporter sign and date the manifest upon acceptance? 263.20(b)	✓		
6.9	Does the transporter leave a signed copy of the manifest acknowledging acceptance of the waste? 263.20(b)	✓		
6.10	Does the transporter ensure the manifest and, in the case of exports the Acknowledgment of Consent, accompany the waste during transport? 263.20(c)	✓		
6.11	Does the transporter obtain the signature and date of delivery of the receiving (designated) facility or other transporter upon transferring custody of the waste? 263.20(d)(1)	✓		
6.12	Does the transporter retain one copy of the manifest signed and dated by the designated facility or other transporter? 263.20(d)(2)	✓		
6.13	Does the transporter give the remaining copies of the manifest to the designated facility or accepting transporter? 263.20(d)(3)	✓		
6.14	If the entire quantity of hazardous waste cannot be delivered, does the transporter contact the generator for further direction and revise the manifest in accordance with the generator's instructions? 263.21(b)(1)	✓		
6.15	For a partial load rejection, while the transporter is on the facility's premises, does the transporter obtain a new manifest for the rejected material, accompanied by a copy of the original manifest that includes the manifest tracking number of the new manifest? 263.21(b)(2)	✓		
6.16	Does the transporter retain a copy of the manifest signed by the generator, himself, and the next designated transporter or designated facility for a period of three years from the date the hazardous waste was accepted by the initial transporter? 263.22(a)	✓		
Item No.	Rail Transporters	Yes	No	N/A
6.17	If initial rail transporter, when accepting hazardous waste from a non-rail transporter does the rail transporter sign and date the manifest acknowledging receipt of the hazardous waste? 263.20(f)(1)(i)	✓		
6.18	If initial rail transporter, does the rail transporter return a signed copy of the manifest to the non-rail transporter? 263.20(f)(1)(ii)	✓		
6.19	If initial rail transporter, does the rail transporter forward at least three copies of the manifest to the next designated non-rail transporter or facility? 263.20(f)(1)(iii)	✓		
6.20	If initial rail transporter, does the rail transporter retain one copy of the manifest and rail shipping paper? 263.20(f)(1)(iv)	✓		
6.21	Does the rail transporter ensure the shipping paper and, in the case of exports the Acknowledgment of Consent, accompany the waste during transport? 263.20(f)(2)	✓		
6.22	Does the final rail transporter obtain the date of delivery and handwritten signature of the designated facility on the manifest or shipping paper? 263.20(f)(3)(i)	✓		
6.23	Does the final rail transporter retain a copy of the manifest or signed shipping paper? 263.20(f)(3)(ii)	✓		
6.24	When delivering hazardous waste to a non-rail transporter, does the rail transporter obtain the date of delivery and handwritten signature of the next non-rail transporter on the manifest and retain one copy of the manifest? 263.20(f)(4)	✓		
Item No.	Water (Bulk) Transporters	Yes	No	N/A
6.25	Does the water (bulk) transporter obtain the date of delivery and handwritten signature of the designated facility on the manifest or shipping paper? 263.20(e)(3)			✓
6.26	Does the water (bulk) transporter retain a copy of the manifest or signed shipping paper? 263.20(e)(5)			✓
Item No.	SQG Waste	Yes	No	N/A
6.27	For SQG waste, if a manifest is not used is the waste being transported pursuant to a recalculation (tolling) agreement per 262.20(e)? 263.20(h)(1)	✓		

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Item No.	SQG Waste	Yes	No	N/A
6.28	Is the following information recorded on a log or shipping paper for each shipment? (Check items below that are NOT in compliance): 263.20(h)(2) <input type="checkbox"/> Name, address, and EPA identification number of the generator of the waste <input type="checkbox"/> Quantity of waste accepted <input type="checkbox"/> All DOT-required shipping information <input type="checkbox"/> The date the waste is accepted	✓		
6.29	Does the transporter carry the shipping paper/log when transporting waste to the reclamation facility? 263.20(h)(3)	✓		
6.30	Does the transporter retain shipping papers/logs for a period of at least three years after termination or expiration of the tolling agreement? 263.20(h)(4)	✓		
6.31	If hazardous waste was discharged during transport, did the transporter give notice, if required by 49 CFR 171.15, to the National Response Center (800-424-8802)? 263.30(c)(1)			✓
6.32	If hazardous waste was discharged during transport, did the transporter report in writing as required by 49 CFR 171.16 to the Director, Office of Hazardous Materials Regulations, Materials Transportation Bureau, Department of Transportation, Washington, DC 20590? 263.30(c)(2)			✓
6.33	If hazardous waste was discharged during transport, did the transporter clean up the discharge so that it no longer presents a hazard to human health or the environment? 263.31			✓
6.34	Has the transporter demonstrated the financial responsibility required under 62-730.150(2)? 62-730.150(2)	✓		
6.35	Does the transporter verify the evidence of financial responsibility annually? 62-730.150(3)	✓		

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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.

Norva Blandin

Principal Inspector Name

Inspector

Principal Inspector Title
Principal Inspector Signature

DEP

Organization

12/11/2017

Date

Bridgette Bucell

Inspector Name

Environmental Specialist II

Inspector Title

FDEP

Organization

Chad Gregory

Representative Name

Director of Operations

Representative Title

World Petroleum Corporation

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.

Report Approvers:**Approver:**

Norva Blandin

Inspection Approval Date:

12/11/2017