

## "Used Oil Management Activities - Regulatory Scenarios"

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The following scenarios are provided to describe some of the conditions under which used oil storage activities at a solid waste management facility are subject to *additional* requirements under Chapter 12 of the Wyoming Hazardous Waste Rules and Regulations. Deviations from the described assumptions ("If" statements) may invalidate the conclusions ("Then" statements).

### **Scenario #1 : "Do-It-Yourself Used Oil Collection Center"**

- If** ... the facility accepts/stores any used oil generated on-site, **and**  
... the facility accepts/stores any used oil generated by DIYers and small farming operations, **and**  
... the facility accepts/stores any *on-specification* used oil generated by businesses, **and**  
... the used oil is burned on-site in a space heater, **or**  
... the used oil is shipped off-site for *recycling*
- Then** ... the facility is classified as a "do-it-yourself used oil collection center", **and**  
... the facility must comply with the provisions of Section 11

### **Scenario #2 : Used Oil Collection Center**

- If** ... the facility accepts/stores any used oil generated on-site, **and**  
... the facility accepts/stores any used oil generated by DIYers and small farming operations, **and**  
... the facility accepts/stores *off-specification* used oil generated by businesses, **and**  
... the *off-specification* used oil is delivered in quantities of less than 55 gallons, **and**  
... the *off-specification* used oil is shipped off-site for *recycling*
- Then** ... the facility is classified as a "used oil collection center", **and**  
... the facility must comply with the provisions of Section 11

### **Scenario #3 : Used Oil Transporter and Transfer Facility**

- If** ... the facility accepts/stores any used oil generated on-site, **and**  
... the facility accepts/stores any used oil generated by DIYers and small farming operations, **and**  
... the facility accepts/stores *off-specification* used oil generated by businesses, **and**  
... the *off-specification* used oil is delivered in quantities of greater than 55 gallons, **and**  
... the *off-specification* used oil is shipped off-site for *recycling* within 35 days
- Then** ... the facility is classified as a "used oil transporter and transfer facility", **and**  
... the facility must comply with the provisions of Sections 11 and 13

### **Scenario #4 : Used Oil Processor and Refiner**

- If** ... the facility accepts/stores *off-specification* used oil generated by businesses, **and**  
... the *off-specification* used oil is processed using physical or chemical operations for the purpose of producing fuel oil, lubricants or other used oil-derived products (processing includes blending, filtration, simple distillation, separation and re-refining), **or**  
... the *off-specification* used oil is stored for more than 35 days before it is shipped off-site for *recycling*<sup>1</sup>
- Then** ... the facility is classified as a "used oil processor and refiner", **and**  
... the facility must comply with the provisions of Section 14

**Note** ... *off-specification* used oil may be burned on-site if it is incidental to the processing operations

### **On-Site Space Heaters**

Used oil can be burned in a used oil-fired space heater **if**:

- X the used oil is *on-specification*, **or**
- X the used oil (any specification) is generated on-site, by DIYers or small farming operations, **and**
- X the heater has a maximum design capacity of 500,000 Btu per hour, **and**
- X the combustion gases from the heater are vented to the ambient air

*Off-specification* used oil from other generators may not be burned in a used oil-fired space heater.

### **Small Farming Operations**

“Small farming operations” include farming (and ranching) operations which generate less than 25 gallons of used oil per month.

### **Off-Specification Used Oil Shipped Off-Site for Recycling**

*Off-specification* used oil can be shipped off-site for recycling if it is shipped to a transfer facility or a processor/refiner. If *off-specification* used oil is shipped directly to a used oil burner, the person/facility shipping the *off-specification* used oil must also comply with the used oil “marketer” requirements in Section 16. If more than 55 gallons of used oil is shipped off-site for recycling, the transporter must have an EPA “Transporter” identification number.

### **Used Oil Specifications**

*On-specification* used oil may not exceed any of the following specifications:

- X maximum of 5 ppm arsenic
- X maximum of 2 ppm cadmium
- X maximum of 10 ppm chromium
- X maximum of 100 ppm lead
- X maximum 4,000 ppm total halogens
- X minimum flashpoint of 100 degrees Fahrenheit

Used oil which does meet these specifications is *off-specification* used oil. Additionally, all used oil is regulated as *off-specification* used oil until such time that it is proven that it is *on-specification* used oil (i.e., it is analyzed). Therefore, any facility which is permitted to accept *on-specification* used oil should require the generator to demonstrate that the oil is *on-specification* used oil before it is accepted.

The first person (typically the generator) who takes responsibility for claiming used oil is *on-specification* must obtain an EPA “marketer” identification number, perform the appropriate analysis and keep the following records for three (3) years:

- X copies of the used oil analysis
- X the name and address of the facility receiving the shipment
- X the quantity of oil shipped
- X the shipment date

Solid waste facilities which accept *on-specification* used oil should retain copies of these same records in order to demonstrate that only *on-specification* used oil has been accepted.