



Used Oil
Special Waste Management Plan
Metro Solid Waste & Recycling

Table of Contents

PURPOSE..... 1
BACKGROUND..... 1
RECEIPT OF USED OIL 2
SAFE HANDLING PROCEDURES..... 2
 General Safety Rules.....2
 Safety Equipment Used for Spill Cleanup.....2
 Personal Protective Equipment for Spill Cleanup.....3
DISPOSAL 3

PURPOSE

This document is a standard operating procedure for the acceptance, handling, packaging, storage, disposal and releases of used oil at Metro Central and Metro South Transfer Station.

BACKGROUND

From Oregon DEQ website:

“Used oil is produced in many service and industrial activities such as auto repair, metal working, machine lubrication, refrigeration, and hydraulic equipment repair. Used oil can be recycled to make new lubricants or used as an industrial fuel when properly managed. When properly recycled, used oil is excluded from regulation as a hazardous waste. It is important that used oil be properly recycled to prevent potential pollution of the air, land, surface water, and groundwater. Used oil can contain cancer-causing agents, metal contaminants, and organic compounds that filter into the groundwater supply when the used oil is dumped or sprayed as a dust suppressant. Such contamination can result in serious hazards to human health.”

RECEIPT OF USED OIL

At Metro's transfer stations used oil is received from the public both in the main transfer station building and at the adjacent hazardous waste facility. In the main transfer station building each customer is limited to a daily maximum of 20 gallons in 5-gallon or smaller containers. Containers are taken from customers by transfer station staff, and brought to a staging area adjacent to the site's waste oil storage tank. The tank is a 500 gallon double-walled steel tank, located in a covered area inside the transfer station. Once per day the transfer station contractor's trained hazmat worker pours the containers into the tank. Any containers that are suspected to contain solvents or other hazardous contents are sent to the hazardous waste facility on the site.

In the hazardous waste facility used oil can be received from households and from businesses using Metro's CEG (conditionally exempt generator) program. Waste acceptance guidelines are found in the current Hazardous Waste Facility Operating Manual. Containers of waste oil received are placed on a cart, and when the cart is full it is brought over to the main transfer station building, where the containers are emptied into a series of 55 gallon drums.

Occasionally drums of used oil are received at the hazardous waste facility. These are brought to the main transfer station building and placed on a pallet with secondary containment adjacent to the used oil tank, to be pumped off when the tank is pumped. Drums must be in good condition, with no severe rusting, apparent structural defects, deterioration, or leaking. Any used oil received at the hazardous waste facility in drums that do not meet this standard will be transferred to or overpacked into a sound drum prior to being brought to the main transfer station building.

The used oil tank and any drums staged for pump off are labeled "Used Oil".

SAFE HANDLING PROCEDURES

General Safety Rules

- ✓ If the material is spilled on the tipping floor, the area should be cordoned off until cleanup occurs.
- ✓ Standard issue PPE should be adequate to transport containers to the staging area.

Safety Equipment Used for Spill Cleanup

- ✓ "Super fine" absorbent
- ✓ Shovel
- ✓ Broom
- ✓ Wash down hose

Personal Protective Equipment for Spill Cleanup

- ✓ “Tyvek”
- ✓ Hard hat
- ✓ Eye protection
- ✓ Leather work boots with puncture resistant soles
- ✓ Gloves - Nitrile(inner), Supreme Nitrile(outer), leather

A spill kit is located near the used oil tank.

The area where a spill has occurred will be cordoned off by use of traffic cones or other physical barriers. Once secure, absorbent is placed over the spill until all liquid is absorbed. The area will be swept or washed to remove the contamination.

If any used oil is released to the environment, the requirements in OAR340, Division 142 must be followed.

DISPOSAL

Metro’s contract transfer station operator is responsible for procuring pumping, transport and disposal services for used oil. The used oil transporter will be a properly licensed company transporting the oil for energy recovery or re-refining. For each load pumped the disposal contractor provides a bill of lading indicating the weight of oil picked up, the date, and the transporter. The tank and drums are pumped as frequently as needed.

Used oil may not knowingly be disposed of with solid waste or transferred to a landfill for disposal.