

WHAT IS USED OIL?

Used oil is defined "as any oil that has been refined from crude oil, or any synthetic oil, which has been used and as a result of such use is contaminated by physical or chemical impurities." Used oil that is recycled is not considered a hazardous waste under most conditions. However, if used oils are mixed with a listed "hazardous waste" the oil must then be managed as a regulated hazardous waste increasing the costs for proper disposal. Used oil can be sold to a recycler for energy recovery. Used oil that has been mixed with diesel fuel, non-PCB transformer oil, and small amounts of gasoline is recyclable as used oil.

WHAT DO I DO WITH USED OIL?

- **Used oil generated on Morenci property shall not intentionally be mixed with any other substances.** There are many chemicals and substances that could potentially contaminate used oil. Some of the most common oil contaminants found on Morenci property are as follows:

Chlorinated Solvents	Aerosol Can Contents	Reagents
Dirt & Debris	Water	Carburetor Cleaner
Antifreeze	Paint	Dielectric Fluid
Concentrate & Other Dusts		

- Used oil containers either new or used, must be cleaned free of debris, in good condition and labeled "Used Oil".
- Tanks and containers used for oil storage must always be covered/closed to prevent contamination from rain, dirt and other debris.
- Always use a funnel when pouring used oil into containers and tanks to prevent unnecessary spillage.
- Full used oil containers should be transported to the Used Oil Handling Facility, located at the Environmental Yard, Monday – Friday from 7:30 a.m. to 3:30 p.m.
- Refer to **BMP No. 313** for additional information on Morenci's drum/container management practices.

FREEMPORT MORENCI VENDOR'S ON-SITE USED OIL WRITTEN PROCEDURE

Freeport McMoRan Morenci (FMMI) collects used oil at a number of locations (see list below) at its Minesite and Processing Facility in Morenci, AZ. It also collects used oil at a number of off-site locations associated with the Town of Morenci, which Freeport also owns. FMMI employs the use of outside vendors/contractors to manage its on-site and off-site used oil collection program. The purpose of this written procedure is to describe in detail the protocols to be followed by both Morenci Environmental and its on-site used oil contractors in the management of used oil at FMMI facilities.

ON-SITE COLLECTION LOCATIONS

1. 4560 Fuel Dock
2. 5280 Fuel Dock
3. Southwest Energy
4. Metcalf Crusher
5. RW Garage
6. Mine Lube Shop
7. Carpool Lube Shop
8. Crusher 2
9. Environmental Yard Oil House
10. Heavy Duty Truck Shop Tank #37

OFF-SITE COLLECTION LOCATIONS

1. Morenci Transfer Station
2. Morenci Bowling Alley

PROCEDURE FOR OFF-SITE SHIPMENT OF USED OIL

- No used oil or oily water will be brought from off-site locations to be managed on site
- The vacuum truck used by the vendor will be dedicated to on-site oil collection only
- If the dedicated truck operates off-site, it must return with a certificate of washout
- Vendor will arrange for all railcar deliveries and pickups
- Vacuum truck will collect oil on a regular route and place the collected oil in a dedicated railcar on site. Each load placed in the railcar will be tested using a "Dexsil Chlor-D-Tect 4000" for the presence of chlorinated solvents. The results of the aforementioned analyses will be documented on the Used Oil Manifest.
- When the railcar becomes full, vendor will perform a final "Dexsil Chlor-D-Tect 4000" test and provide the results to FMMI Waste Division Data Management Sector for approval and archiving. Vendor will secure railcar in such a manner as to prevent adulteration of the used oil between the time of sampling and the time of shipment. Once approved by FMMI, the railcar may be scheduled for shipment off site.
- FMMI Waste Division representative will sign Bill of Lading before used oil railcar is approved to leave site for recycling.

PROCEDURE FOR OFF-SITE SHIPMENT OF OILY WATER

- Designated vendor collects oily water from secondary containments and other facilities on site and places in totes at the Environmental Yard.
- Used oil vendor periodically pumps out tote into designated tanker trucks, tests load for chlorinated solvents using a “Dexsil HyroChlor” test kit.
- Driver will record test result on Bill of Lading/Manifest, and must be signed by FMMI Waste Division representative before oily water tanker leaves site.

PROCEDURE FOR MANAGEMENT OF USED OIL GENERATED OFF-SITE

- ALL used oil generated off-site will be characterized, profiled and managed by FMMI’s hazardous waste management contractor and shipped to RCRA-approved facilities for proper disposal.
- Used oil generated off-site is NEVER to be mixed with used oil generated on-site.

QUESTIONS OR NEED HELP? CONTACT:

Your Division Representatives/Environmental Reps

Environmental Services Office: 928-865-6000