

**APPENDIX E
USED OIL MANAGEMENT SOP**

THIS PAGE INTENTIONALLY LEFT BLANK

E.1 Purpose

The purpose of this Standard Operating Procedure (SOP) is to establish processes for the proper management of used oil at Naval Construction Battalion Center (NCBC) Gulfport.

E.2 Definitions

The federal Used Oil regulations are set forth in 40 CFR Part 279. A short list of definitions is provided for a quick reference. A short list of definitions is provided for a quick reference.

Aboveground Used Oil Storage Tank means a tank used to store or process used oil that is not an underground storage tank or a container.

Container means any portable device in which a material is stored, transported, treated, disposed of, or otherwise handled.

Spill/Release means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment any hazardous materials where such a release has the potential to threaten human health or the environment.

Used Oil means any oil refined from crude oil, or any synthetic oil, that was used and because of such use is contaminated with physical or chemical impurities.

E.3 Responsibilities

E.3.1 NCBC Gulfport HW Program Manager (HWPM)

The NCBC Gulfport HWPM shall provide guidance for compliance with this HWMP for Used Oil Management.

E.3.2 Originators

Originators shall manage used oil in accordance with the HWMP and SOP, and shall report any spills immediately. Contact NCBC Gulfport HWPM (228-323-1654) or the HW Handler (228-323-9877) if a situation arises that requires immediate attention.

E.4 Training

Personnel handling petroleum products and used oil shall receive training to be the initial responders to spills.

E.5 General Used Oil Management

The used oil shall be stored and managed separately from HW. Proper segregation prevents incompatible chemicals with the potential to produce heat, pressure, fire, explosions, violent reactions, toxic dust, mists, and irritating or toxic fumes or gases from mixing.

- a. Do **not** mix used oil with any HW, including chlorinated or non-chlorinated solvents, as the resulting mixture may be a HW;
- b. Do **not** mix solid wastes with used oil as it may prevent used oil from being recycled;
- c. Do **not** mix used oil with off-specification or contaminated gasoline or low flashpoint aviation fuels; and
- d. Do **not** mixed used oil with petroleum products that were used as solvents.

Used oil may be mixed with off-specification fuels including Diesel and other fuels with a Flashpoint greater than 100 degrees F.

E.5.1 Used Oil Storage

Used oil shall be stored in non-leaking structurally sound, aboveground storage tanks or approved containers in good condition (minor corrosion or dents) and compatible with the used oil stored in them. NCBC Gulfport HWPM will provide approved containers. Used oil containers and aboveground storage tanks shall be closed except when adding or removing the used oil.

E.5.2 Labeling

Containers and aboveground storage tanks shall be labeled with the words "Used Oil" or with a Used Oil label (see Figure E-1). Buckets and drip pans used to collect and store used oil shall be labeled with the words "Used Oil" or with a Used Oil label (see Figure E-1).

E.5.3 Secondary Containment

Secondary containment must be provided for all used oil containers and above ground tanks. The containment shall:

- a. Have the capability to be drained to the storm water system that is kept closed at all times except when removing rainwater;
- b. Be capable of containing 100% of the contents of the single largest container and 11 inches of freeboard for a 24-hour rainfall event;

- c. Be kept free of debris;
- d. Shall be inspected immediately after a rain event or the first thing on the day after a rain event if the event occurred after normal working hours;
- e. Be free of liquids.

E.5.4 Pick Ups

Work Centers shall contact the NCBC Gulfport HWPM (228-323-1654) or the HW Handler (228-323-9877) to arrange for the removal of Used Oil.

E.6 Spills and Releases

In the event of a release/spill of Used Oil to the environment, dial “911” immediately from any phone, and state that the spill is at NCBC Gulfport. Afterwards, report the spill to the NCBC Gulfport HWPM.



Figure E-1: Sample Used Oil Label (Yellow)