

Environmental Standard Operating Procedures (ESOP)	
Vehicle/Equipment Fluid Change (VCC)	
Environmental Affairs (EA): Abatement Chief (760) 830-5834	Revised: 1 October 2023

Subj: VEHICLE/EQUIPMENT FLUID CHANGE

Ref: (a) CCO 5090.5D, Integrated Contingency and Operations Plan

1. Purpose. This document provides environmental protection guidelines for vehicle and equipment fluid changes.

2. Application. This guidance applies to vehicle and equipment maintenance personnel conducting vehicle and equipment fluid changes dealing with but not limited to used oil, antifreeze, fuel, transmission oil, and hydraulic fluid, aboard the Marine Air Ground Task Force Training Command (MAGTFTC), Marine Corps Air Ground Combat Center (MCAGCC) Twentynine Palms. For further references to MAGTFTC, MCAGCC in this document, the term installation will be used.

3. Procedures. Fluid changes for vehicle and equipment must be managed in accordance with the reference. Depending on the type of vehicle or equipment being serviced there are many different types of hazardous waste that may be generated. The most common waste streams generated by vehicle/equipment fluid changes are used oil, used antifreeze, waste fuel, hull drainage or bilge waste.

When collecting and transferring used and waste fluids, only transfer containers with lids will be used. Transfer containers without lids are considered open containers and are not authorized for use aboard the installation. Units have been equipped with transfer containers with lids. Units should contact EA, Hazardous Waste Management Branch (HWMB) for replacement, or additional containers.

4. Operational Controls. The following controls apply:

a. Use only transfer containers equipped with lids for the collection and transfer of fluids.

b. Transfer containers must be separated by the waste stream they are intended to collect.

c. Transfer containers will be emptied daily of all free flowing or standing liquids.

d. Transfer containers must be marked properly with the waste stream they are intended to collect.

e. Used antifreeze will be placed in a proper container provided by the HWMB for recycling/reuse.

f. Used fluids will be placed in the proper container or aboveground storage tank provided and properly labeled by the HWMB.

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g. If used oil has been contaminated with antifreeze or other contaminants, it must be wasted out as waste oil and placed in a separate drum. This waste stream is classified as Hull Drainage/ Bilge. If a new drum is needed to store this waste stream, contact HWMB at (760) 830-7244.

h. All other waste streams must be separated and placed into their appropriate properly marked containers.

i. No fluid changes, maintenance, or repairs outside of designated areas will be conducted. To include the parking structures, parking lots or family housing areas. The only authorized area on the installation for the maintenance of privately owned vehicles or equipment is the Marine Corps Community Service Auto Hobby Shop; Bldg. 1083.

j. Spills must be properly cleaned up when identified.

k. If there are any specific situations or other concerns not addressed by this document, refer to reference (a) or contact EA.

l. Review the following ESOP's: Abatement, Aboveground Storage Tank, Hazardous Material Storage, and Used Oil/Antifreeze.

5. Documentation and Record Keeping. The following records must be maintained:

There is no required record keeping for this ESOP.

6. Training. All affected personnel must be trained in this document and the following:

General Environmental Awareness training.

7. Emergency Preparedness and Response Procedures. Refer to the spill response procedures listed in the Abatement ESOP.

8. Inspection and Corrective Action. There are no inspection requirements for this ESOP.