

| | |
|---|-------------------------|
| Environmental Standard Operating Procedure (ESOP) | |
| Oil Water Separators (OWS) | |
| Environmental Affairs (EA): Water Resources (760) 830-7883 | Revised: 1 October 2024 |

Subject: OIL/WATER SEPARATORS

Reference: (a) Wastewater Treatment Plant Waste Discharge Requirements (WDRs) Board Order R7-2020-0003

1. Purpose. This document provides environmental protection guidelines for the operation, use, and management of oil/water separators.
2. Application. This guidance applies to individuals working with oil/water separators, 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. Washing and cleaning is an essential element of vehicle and equipment maintenance and is critical to the mission of the installation. However, wastewater from vehicle and equipment washing is typically contaminated with sediment (sand, dirt, grit, mud, and similar materials) and oil/fuel. Sediment and oil/fuel can interfere with the performance of the installation wastewater collection and treatment systems. To prevent this, each washrack aboard the installation discharges to OWSs to remove oils and sediment. To confirm that OWSs operate effectively, they must be periodically inspected and cleaned, and certain activities must be prohibited on washracks.
4. Operational Controls. The following controls apply:
 - a. Disposal or dumping of any materials or wastes such as petroleum, oil, and lubricants (POLs) or water contaminated with POLs, antifreeze, solvents, and paints are strictly prohibited.
 - b. The use of soaps, detergents, cleansers, degreasers, or solvents is prohibited from use on washracks unless specifically authorized in writing by the EA, Water Resources Office (Attachment 1).
 - c. Approvals for the use of soaps, detergents, cleansers, degreasers, or solvents provided by the EA, Water Resources Office are only good for the period specified and will not exceed of 1 year. Requesters must obtain approval annually or at the end of the period specified.
 - d. Repairs and maintenance to OWSs should be performed in accordance with established Public Works Division procedures and Wastewater Treatment Plant WDRs Board Order R7-2020-0003.

Subject: OIL/WATER SEPARATORS

- e. Should the OWS or any component of the OWS be inoperable, the OWS and contributing washrack(s) will be taken out of service until repaired. Additionally, notification of the shutdown action will be made to the EA's Water Resources Office via phone at 760-830-7883 and all applicable units.
 - f. Weekly inspections of each OWS will be conducted and maintained on file for no less than 3 years. The enclosed check list may be used to satisfy this requirement.
 - g. If there are specific situations or other concerns not addressed by this procedure, contact the EA's Water Resources Office via phone at (760) 830-7883.
5. Documentation and Record Keeping. The following records must be maintained:
- a. Inspection and training records maintained on file for no less than 3 years
 - b. Service or maintenance records and work request tracking information for each OWS
 - c. EA approval letters for the use of soaps, detergents, cleansers, degreasers, or solvents
6. Training. All affected personnel must be trained in this document and the following:
- a. General Environmental Awareness training
 - b. Abatement ESOP
 - c. Aircraft Washing ESOP
 - d. Vehicle Washrack ESOP
7. Emergency Preparedness and Response Procedures. Refer to the spill response procedures listed in the Abatement ESOP.
8. Inspection and Corrective Action. The Environmental Compliance Coordinator (ECC) will confirm unit adherence to this ESOP. The ECC will confirm that unit personnel are trained in this ESOP and maintain appropriate documentation in accordance with this ESOP.

Subject: OIL/WATER SEPARATORS



UNITED STATES MARINE CORPS
MARINE AIR GROUND TASK FORCE TRAINING COMMAND
MARINE CORPS AIR GROUND COMBAT CENTER
BOX 788110
TWENTYNINE PALMS, CALIFORNIA 92278-8100

CCO 5090.1H

From: _____
To: Environmental Affairs (EA), Water Resources, Marine Corps Base, Twentynine
Palms Attn: EA, Water Resources Office

SUBJ: REQUEST FOR USE OF: SOAPS OR DEGREASERS AT WASHRACKS

1. Soaps and degreasers are not allowed to be used on washrack(s) unless written approval is given. Written approval is only good for up to 1 year and approval is on a case-by-case basis. Populate the fields in the following list and submit to Environmental Affairs Water Resources Manager via phone at 760-830-7883 to request the use of soaps or degreasers.
2. Use and operation of the washrack will be in accordance with CCO 5090.5D, Environmental Standard Operational Procedures and will not cause any violation of the Wastewater Treatment Plant Waste Discharge Requirements Board Order R7-2020-0003.

UNIT NAME: _____

POINT OF CONTACT #1: _____ Phone: _____

POINT OF CONTACT #2: _____ Phone: _____

EVENT START DATE: _____ ENDING DATE: _____

NUMBER OF AIRCRAFTS BEING WASHED: _____

NUMBER OF DAYS WILL YOU WASH AIRCRAFTS: _____

PRINT NAME/RANK: _____

SIGNATURE: _____

* Safety Data Sheets of the material being used must be provided with this sheet to receive approval.

EA APPROVAL:

NAME: _____ SIGNATURE: _____

TIME PERIOD APPROVED (from-to): _____

Subject: OIL/WATER SEPARATORS

| ECC/Unit Inspection Checklist - Oil/Water Separator (OWS) | |
|---|--------------|
| Date: | Time: |
| Installation: | Work Center: |
| Inspector Name: | Signature: |

| Inspection Items | Yes | No | Comments/Action |
|---|-----|----|-----------------|
| 1. Are general housekeeping and separator conditions satisfactory (such as no ground discoloration, trash, odors/chemical smell, or excessive oil sheen)? | | | |
| 2. Is there any evidence of spills or overflows of the OWS? | | | |
| 3. Is there any evidence of dumping? | | | |
| 4. Is there evidence of any other substance (for example detergents, solvents, or antifreeze) present in the OWS? | | | |
| 5. Is the rope skimmer operating and effectively removing oil? | | | |
| 6. Is there a minimal amount of oil in the final stage of the OWS? | | | |
| 7. Is documentation available to demonstrate the proper maintenance and pumping schedule is accomplished in accordance with Board Order R7-2020-0003 and this Environmental Standard Operational Procedure? | | | |
| 8. Are access doors free of leaks? | | | |
| 9. Is the OWS pumping station operating properly? | | | |
| 10. Are training and inspection records maintained and available for inspection? | | | |

Additional Comments:

Corrective Action Taken:

Unit Inspector:

Name: _____
Signature: _____