

Environmental Standard Operating Procedure			
Originating Office: Environmental Management Department	Revision: Original	Prepared By: Engineering Division	Approved By: William Moog
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Title: Oil/Water Separators

1.0 PURPOSE

The purpose of this Standard Operating Procedure is to provide environmental guidelines for the management of oil/water separators.

2.0 APPLICATION

This guidance applies to those individuals working with oil/water separators aboard MCAS Miramar.

3.0 REFERENCES

- 40 CFR 403
- Environmental Standard Operating Procedures (ESOP) for Vehicle Wash racks.

4.0 PROCEDURE

4.1 Discussion:

Washing and cleaning is an essential element of vehicle and equipment maintenance, and is critical to the mission of the Combat Center. 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 Station's wastewater collection and treatment systems. To prevent this, each washrack aboard the MCAS Miramar discharges to oil/water separator (OWS) to remove oil and sediment. To ensure that OWSs operate effectively, they must be periodically inspected and cleaned, and certain activities must be prohibited on washracks.

4.2 Operational Controls:

The following procedures apply:

1. Do not drain any Petroleum, Oil, and Lubricants (POLs) or water contaminated with POLs directly into the OWS.

2. Only approved detergents through NAVAIR/NATOPS and EMD should be entering the OWS.
3. No other chemicals shall be allowed to enter the OWS
4. Perform repairs and maintenance to OWSs in accordance with established PWD procedures; and
5. Inspect each OWS on a routine basis.
6. Turnover folder information must be kept for this Standard Operating Procedure.
7. If there are any specific situations or other concerns not addressed by this procedure, contact EMD Office.

4.3 Documentation and Record Keeping:

The following records must be maintained for oil water separator management:

1. A logbook documenting OWS inspections; and
2. Service or cleaning records for OWSs.
3. Training and inspection records.

4.4 Training:

All affected personnel must be trained in this Standard Operating Procedure.

4.5 Emergency Response Procedures:

CALL 9-1-1

4.6 Inspection and Corrective Action:

1. Public Works Division, Facilities Maintenance Branch will inspect each OWS on a routine basis. The routine inspection will be documented in a bound logbook.
2. Inspect the OWS for any sign of leaks, unauthorized substances, and any signs of malfunction. Record the results and actions taken to correct each deficiency in the logbook.
3. There is a minimal amount of oil in the final stage of separator.

Oil/Water Separator – Inspection Checklist

Date:	Time:
Installation:	Work Center:
Inspector's Name:	Signature:

Inspection Items	Yes	No	Comments
1. Are general housekeeping and separator conditions satisfactory (i.e., no ground discoloration or odors/chemical smell)?			
2. Is there any evidence of spills or overflows of the OWS?			
3. Is there evidence of any other substance (i.e., detergents, solvents, antifreeze, etc.) present in the OWS?			
4. Is the rope skimmer operating and effectively removing oil?			
5. Is there a minimal amount of oil in the final stage of separator?			
6. Is documentation available to ascertain that a proper maintenance and/or pumping schedule (i.e., logbook showing weekly inspection of OWS fluid levels, Work Request for pumping, etc.) is accomplished?			
7. Are the large access doors free of leaks?			
8. Is the associated pump station operating properly?			
9. Are training and inspection records maintained and available for inspection?			

ADDITIONAL COMMENTS:

CORRECTIVE ACTION TAKEN:

Environmental Compliance Coordinator

Name: _____

Signature: _____

Date: _____