

Environmental Standard Operating Procedure			
Originating Office: <b>Environmental Management Department</b>	Revision: Original	Prepared By: Engineering Division	Approved By: William Moog
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## Title: Vehicle Wash Rack

### 1.0 PURPOSE

The purpose of this Standard Operating Procedure is to provide environmental guidelines for the management of vehicle wash racks.

### 2.0 APPLICATION

This guidance applies to those individuals working with vehicle wash racks aboard MCAS Miramar.

### 3.0 REFERENCES

- Environmental Standard Operating Procedures (ESOP) for Oil/Water Separators.
- Storm water Discharge Management Plan (SWDMP)
- Hazardous Waste Management Plan (HWMP)

### 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 MCAS Miramar. 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.

#### 4.2 Operational Controls:

The following procedures apply:

1. Do not use soaps, detergents, cleansers, degreasers, or solvents unless specifically authorized in writing by the EMD Office.
2. Do not park vehicles or store equipment or materials on the wash rack for any purpose other than washing.

3. Disposal of excess materials or wastes such as oils, fuels, radiator flushing, solvents, and paint is prohibited.
4. Vehicle or equipment maintenance on the wash rack is strictly prohibited.
5. All hoses must utilize a nozzle to prevent the constant free flow of water into the wash rack.
6. Ensure high-pressure washers are used and maintained according to manufacturer's recommendations if applicable.
7. Wash rack drains and catch basins shall be kept clean of all trash and debris.
8. Notify PWD immediately of any leaks, blockage of drains or other malfunction. Follow up with a work request.
9. Weekly inspections shall be conducted and maintained on file for no less than three years.
10. Turnover folder information shall be kept for this Standard Operating Procedure.
11. 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 shall be maintained for vehicle wash rack management:

1. Inspection and training records on file for no less than three years.
2. Service or maintenance records and work request tracking information for wash rack.

#### **4.4 Training:**

All affected personnel must be trained in this Standard Operating Procedure and the following:

1. General Environmental Awareness Training.

#### **4.5 Emergency Response Procedures:**

CALL 9-1-1

#### **4.6 Inspection and Corrective Action:**

The Environmental Compliance Coordinator (ECC) shall designate personnel to perform inspections. The ECC shall ensure deficiencies noted during the weekly inspections are corrected immediately. Actions taken to correct each deficiency shall be recorded on the weekly inspection sheet. Designated personnel shall conduct weekly inspections.

Vehicle Wash Rack - Inspection Checklist	
Date:	Time:
Installation:	Work Center:
Inspector's Name:	Signature:

Inspection Items	Yes	No	Comments
1. Is general housekeeping satisfactory (i.e., no ground discoloration or odors/chemical smell)?			
2. Is there evidence of any unauthorized substance (i.e., detergents, solvents, antifreeze, etc.) present in the drains or catch basins? <i>(HWMP)</i>			
3. Are catch basins and drains free of sand, trash, and debris?			
4. Is there evidence of maintenance activities, vehicle parking, and equipment storage on the wash rack?			
5. Are all hoses equipped with a nozzle to prevent the constant free flow of water into the wash rack?			
6. Is the cleaning of fuel containers (fuel cans, bladders, six cons, etc) conducted only after container is completely drained and meets "California empty" standards?			
7. Are service calls, and maintenance work requests tracked and logged in logbook?			
8. Is compound free of debris (i.e., sand, trash) that could impact catch basin?			

9. Are personnel utilizing dry clean-up methods (i.e., sweeping compound)? ( <i>SWDMP</i> )			
10. Are training and inspection records maintained and available for inspection?			

**ADDITIONAL COMMENTS:**

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**CORRECTIVE ACTION  
TAKEN:**

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**Environmental Compliance Coordinator**

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_