

Environmental Standard Operating Procedures (ESOP)

TITLE: ESOP 9.103 | VEHICLE WASH RACKS

PURPOSE: This ESOP provides environmental guidelines for the management of vehicle wash racks. This ESOP should be placed in the unit's environmental SOP binder.

APPLICABILITY: Washing & cleaning is an essential element of vehicle & equipment maintenance & is critical to the mission of MCB Camp Lejeune (MCBCL) and Marine Corps Air Station, New River (MCASNR). However, wastewater from vehicle & equipment washing is typically contaminated with sediment (sand, dirt, grit, mud, & similar materials) & oil/fuel. Sediment & oil/fuel can interfere with the performance of the wastewater collection & treatment system. To prevent adverse impact on the wastewater treatment system, each wash rack discharges to pollution abatement facilities (oil/water separator (OWS), grit chamber, etc.) to remove oil & sediment. This section applies to all organizations and contractors organic to or tenanted aboard MCBCL, MCASNR and that in transit or otherwise temporarily resident because of training or mobilization.

RESPONSIBILITY: All personnel utilizing vehicle wash racks.

PROCEDURE:

1. Prohibited Activities.

a. The Direct Discharge/Disposal of Oils, Fuels, Hazardous Materials or Hazardous Waste onto the wash rack or associated oil-water separator, is STRICTLY PROHIBITED.

b. Use of high-emulsifying soaps affects the efficiency of the OWS. Consult product MSDS or contact EMD (451-1482) for questions regarding soaps. ONLY LOW EMULSIFYING SOAPS ARE AUTHORIZED.

c. Do not park vehicles or store equipment or materials on the wash rack for any purpose other than washing

d. Vehicle or equipment maintenance on the wash rack is STRICTLY PROHIBITED.

e. Vehicle washing that can drain to any stormwater conveyances, such as storm drain inlets, open ditches, or other identified stormwater conveyances, is STRICTLY PROHIBITED unless approved by EMD

2. Operational Controls.

a. All hoses shall utilize a nozzle to prevent the constant free flow of water into the wash rack.

b. Ensure high-pressure washers are used & maintained in accordance to manufacturer's recommendations, if applicable.

c. Notify EMD immediately of any leaks, blockages of drains or other malfunctions occurring on the washrack or associated structures. Follow up with a work request to Operations Branch, Public Works for repairs.

d. Triple rinsing of POL containers on the wash rack is NOT authorized. Units are to bring their containers to the Hazardous Material Consolidation Center, Bldg 977, by appointment. Call 451-1482.

3. Documentation and Recordkeeping.

a. Inspection of the entire pollution abatement facility, which includes the wash rack, must be performed on a daily basis. Inspections will include the daily status of the OWS system (which includes the wash rack) with regards to excess oils, sediment & solid wastes (a primary indicators of a malfunctioning pollution abatement facility). These records must be maintained by the unit for three (3) years.

b. Service & maintenance records, along with work requests tracking information, shall be maintained with the inspection records.

4. Training.

a. Unit commanders must ensure that personnel, who perform vehicle maintenance, fueling, or washing operations, are properly trained in the operation & maintenance of pollution abatement facilities. Personnel must be trained on the environmental impact of oil & hazardous material spills, as well as the prevention of such incidents.

b. This training can be accomplished by attending EM101 classes or by shop level training by the unit Environmental

Compliance Officer (ECO) or command Environmental Compliance Coordinator (ECC), utilizing the "Management of Pollution Abatement Facilities" training module located on the EMD website.

c. There must be documentation of training. This requirement can be met by:

i. Roster with date training was provided, instructor, and personnel in attendance.

ii. New Join brief provided by unit ECO with signature block on unit level check in sheet.

iii. Log book with date of course, instructor, and personnel name.

iv. Other method not listed that has been briefed to EMD and approved.

5. Spill Reporting Response Requirements.

a. All units are required to have a Unit Level Contingency Plan (ULCP) per MCIEAST-MCB CAMLEJO 5090.9. Ensure the ULCP contains policies/procedures for the control & prevention of oil & hazardous material spills. The ULCP must be posted prominently.

b. Any spills or releases that may occur in & around the area of the washrack must be reported immediately to the Fire & Emergency Services Division by phoning 911. A Spill Report must be filled out & forwarded to RCRS, EMD (451-3471 (fax)). Copies of forms can be obtained by the unit ECO or command ECC.

c. Units must stock spill containment & control equipment onsite for use in the event of a spill.

REFERENCES:

- (a) Resource Conservation and Recovery Act
- (b) MCIEAST-MCB CAMLEJO 5090.9
- (c) MCBCL/MCASNR Integrated Contingency Plan (ICP)
- (d) MCIEAST-MCB CAMLEJBul 5090
- (e) MCIEAST-MCBCAMLEJ and MCAS New River Stormwater Pollution Prevention Plan

TRAINING:

- EM-101 for appointed personnel.
- Shop Level training as outlined in section 4 of this ESOP.

DEFINITIONS:

- Daily - Every operational day; excludes weekends, holidays, etc.
- OIL - Any petroleum-based fluid or semisolid - Includes crude oil, gasoline, kerosene, diesel, all light & heavy fuel oil, lube oil, used oils, oil sludge, oil refuse & synthetic based lubricating & transmission products.
- Discharge of Oil - Discharges that violate applicable water quality standards or cause a film or sheen upon, or discoloration of, the surface of the water or adjoining shoreline or cause a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shores.
- Pollution Abatement Facility - any equipment, plant, treatment works, structure, machinery, apparatus or land, or any combination thereof, acquired, used, constructed or operated for the storage, collection, reduction, recycling, reclamation .. disposal, separation or treatment of water or wastes, or for the final disposal of residues resulting from the treatment of water or wastes.
- Oil-Water Separator - a waste management unit, generally a tank, that is used to separate oil or organics from water. A separator consists of not only the separation unit, but also the fore bay & other separator basins, skimmers, grit chambers & bar screens.

Revision Number	Date	Summary of Change	Signature
Original ESOP	070912	New ESOP	<i>P. H. RAPER</i> EMD/ECB
REV 1	010614	Update formatting and content.	<i>S. J. AZOK</i> ECB/EMD

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