



MAGTFTC-MCAGCC 29 Palms

Environmental Standard Operating Procedure



1 October 2025

Stormwater Channels (SWC)

Application and Purpose

This guidance applies to individuals working with and around stormwater channels aboard the Marine Air Ground Task Force Training Command (MAGTFTC), Marine Corps Air Ground Combat Center (MCAGCC) Twentynine Palms ("installation").

This document provides environmental guidelines for the proper maintenance and management of stormwater channels.

Procedures

Stormwater runoff is generated when precipitation falls onto the ground and fails to be absorbed into the soil. Impervious surfaces such as driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground. Stormwater runoff can pick up debris, chemicals, dirt, and other pollutants from various industrial, construction, or shop activities transporting those pollutants into storm channels.

Amendments to the Clean Water Act established a framework for regulating stormwater discharges under a permit program to help prevent these pollutants from adversely impacting water quality and the environment. To comply with these regulations, preserve water quality, and protect the environment, the installation must follow standard operating procedures for stormwater discharge.

Operational Controls

The following controls apply:

- Litter and debris from sidewalks, driveways, and parking lots should be swept up, especially around storm drains or storm channel inlets.
- Rinsing or washing of food materials onto the ground or storm channels is not permitted at any time. Mop water and cleaning fluids are prohibited from being dumped onto the ground or into storm drains. Instead, mop water should be dumped in deep sinks or authorized floor drains only.
- Discharge of any material(s) to storm channels is prohibited without written approval from the Environmental Affairs (EA) Water Resources Office, who can be contacted via phone at (760) 830-7883.
- Any spills near or leading into storm drains should be identified and reported to the EA Abatement Chief, who can be contacted via phone at (760) 401-9841.
- It is important to clean up any spills or petroleum oils and lubricant releases and prevent entry into storm drains. Parking of vehicles or equipment over storm drain inlets is prohibited.

- Any leaking equipment or vehicles will have proper secondary containment capable of capturing and containing the fluids and will prevent the fluids from reaching the ground.
- Cleanup kits and any safety equipment appropriate to the type and quantity of materials that may spill near storm drain should be prepared and maintained.
- Storm channels must be free from trash, sand, and other debris that may block stormwater from flowing freely to retention basins. Unit areas of responsibility are defined in Combat Center Order (CCO) 11000.1K.
- Any structural damage to storm channel(s) or retention basin must be identified and reported to the Public Works Division (PWD). It is essential to maintain a copy of the PWD work request and number for follow up and records. Unit areas of responsibility are defined in CCO 11000.1K.
- In the event of a spill, personnel should contact the EA Abatement Chief via phone at (760) 401-9841.

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.

Training Requirements

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

- General Environmental Awareness training
- Abatement Environmental Standard Operating Procedure (ESOP)

Recordkeeping

Inspection and training records maintained on file for no less than 3 years.

Emergency Preparedness and Response Procedures

Refer to the Integrated Contingency and Operations Plan and spill response procedures listed in the Abatement ESOP.

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. If this ESOP contains an enclosed inspection checklist, designated personnel will conduct the inspections using this ESOP as guidance and document the inspections via the enclosed checklist. If deficiencies are discovered during an inspection, the ECC will ensure immediate corrective action is taken and that all deficiencies and corrective actions are recorded on the enclosed checklist.

References

(a) Stormwater Management Plan

(b) CCO 5090.1K, Environmental Protection Manual

Use and Version Control

ESOPs are used to augment instructions contained in official orders and directives, and, where necessary, provide for sufficient control of the installation's significant practices. EA maintains the authoritative, current version of this and other ESOPs on the installation's website: <https://www.29palms.marines.mil/Staff-Offices/G-4-Installation-Support-Directorate/Environmental-Affairs/#environmental-sops>.