

Environmental Standard Operating Procedure (ESOP)	
Wastewater Treatment - Chemical Toilets (WTC)	
Environmental Affairs (EA): Water Resources (760) 830-7883	Revised: 1 October 2024

Subject: WASTEWATER TREATMENT - CHEMICAL TOILETS

Reference: (a) Combat Center Order (CCO) 5090.1J, Environmental Protection

1. Purpose. This document provides environmental guidelines and best management practices for use and installation of portable toilets and disposal of portable toilet septage waste.
2. Application. This guidance applies to those individuals who use, install, or maintain portable toilets and those who dispose of septage waste from portable toilets 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. Portable toilets are used at the installation when access to existing wastewater infrastructure is not practical. Septage waste from portable toilets is harmful to the environment and disposal of portable toilet waste into the stormwater system is prohibited. Improper portable toilet waste disposal impacts wastewater treatment systems, the environment, and may negatively impact human health; therefore, only approved dumping is allowed at the installation. Companies and contractors who have not received approval from the EA Water Resources Office must always transport septage waste to an offsite facility for proper disposal.
4. Operational Controls. The following controls apply:
 - a. Confirm that all necessary records and haul logs for portable toilet septage waste pickup and disposal are kept current.
 - b. Confirm that portable toilets at the installation are required to be firmly secured (tied or staked) to withstand high-wind events and prevent tipping.
 - c. Confirm that any potable water sources used in support of portable toilets (cleaning and servicing) have the proper certified backflow device(s) and supporting documentation.
 - d. Confirm that removal and replacement of chemicals during service operations is only conducted by authorized contractors hired by the installation.
 - e. Never release effluent from portable toilets into the sanitary sewer system without approval from the EA Water Resources Office.
 - f. Never release effluent from portable toilets into the storm drains.
 - g. Report and replace leaking units immediately.

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- h. Do not place portable toilets within 20 feet of any storm channel, natural wash, or storm drain inlet.
 - i. Do not dispose of foreign objects into the portable toilet tanks; this is prohibited. Only toilet paper and human waste will be disposed in portable toilet tanks.
 - j. Do not tip portable toilets on their sides or engage in other horseplay; this is prohibited and may result in a release of chemicals and waste effluent.
 - k. Do not puncture the tank or any other actions used to damage or cause leaks to a portable toilet; this is prohibited.
 - l. Report any situation that causes or results in the tipping over of a portable toilet and the spillage of its contents to Public Works Division. Spill containment and incident response must be initiated as necessary.
 - m. Do not dump waste material from off installation aboard the installation; this is strictly prohibited.
 - n. 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:
- Training records maintained on file for no less than 3 years.
6. Training. Affected personnel must be trained in this document and the following:
- a. General Environmental Awareness training
 - b. Abatement 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.