

Environmental Standard Operating Procedures (ESOP)	
WW Treatment - Chemical Toilets (WTC)	
Environmental Affairs (EA): Water Resources (760) 830-7883	Revised: 1 October 2023

Subj: WW TREATMENT - CHEMICAL TOILETS

Ref: (a) CCO 5090.1H, 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/Contractors who have not received approval from EA Water Resources Office must always transport septage waste to an off-site facility for proper disposal.

4. Operational Controls. The following controls apply:

a. Ensure that all necessary records and haul logs for portable toilet septage waste pickup and disposal are kept current.

b. All portable toilets at the installation are required to be firmly secured (tied or staked) in order to withstand high wind events and prevent tipping.

c. Any potable water sources used in support of portable toilets (cleaning/servicing) shall have the proper certified backflow device(s) and all supporting documentation.

d. Removal and replacement of chemicals during service operations should only be conducted by authorized contractors hired by the installation.

e. Never release effluent from portable toilets into the sanitary sewer system without approval from EA Water Resources Office.

f. Never release effluent from portable toilets into the storm drains.

g. Report/replace leaking units immediately.

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h. Portable toilets will not be placed within 20 feet of any storm channel, natural wash, or storm drain inlet.

i. Disposing of foreign objects into the portable toilet tanks is prohibited. Only toilet paper and human waste should be disposed in portable toilet tanks.

j. Tipping portable toilets on their sides or other horseplay is prohibited. This may result in a release of chemicals and waste effluent.

k. Puncturing the tank or any other actions used to damage or cause leaks to a portable toilet is prohibited.

l. Maneuver vehicles carefully around portable toilet units to avoid hitting, damaging, or accidentally tipping one over.

m. Report any situation that causes or results in the tipping over of a portable toilet and the spillage of its contents. Spill containment and incident response must be initiated as necessary.

n. Dumping of waste material from off installation aboard the installation is strictly prohibited.

o. If there are specific situations or other concerns not addressed by this procedure, contact EA, Water Resources Office (760) 830-7883.

5. Documentation and Record Keeping. The following records must be maintained: Inspection and training records maintained on file for no less than three years.

6. Training. All 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) shall ensure the designation of personnel to perform inspections. The ECC shall ensure immediate corrective action for deficiencies noted during weekly inspections. Actions taken to correct each deficiency shall be recorded on the weekly inspection sheet (including Work Request number(s)). Designated personnel shall conduct weekly inspections using this ESOP as guidance.

ECC/Unit Inspection Checklist - WW Treatment - Chemical Toilet

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

Inspection Items	Yes	No	Comments/Action
1. Are all records and haul logs for pickup and disposal of portable toilet septage waste kept current and available for inspection?			
2. Are all portable toilets firmly secured (tied or staked) in order to withstand high wind events and prevent tipping?			
3. Are portable toilets placed within 20 feet of any storm channel or natural wash?			
4. Are training and inspection records maintained and available for inspection?			
5. Is the proper (type/certified) backflow device utilized at the approved water source?			

Additional Comments:

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Corrective Action Taken:

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Unit Inspector:

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