



## Drinking, Ice, and Recreational Water Programs

### Program Summary

Environmental Health ensures that the Army's drinking water systems and recreational waters are operated and maintained in a safe and sanitary manner and in compliance with all applicable regulations to protect human health. Recreational waters include: manmade facilities such as swimming pools, hot tubs, and others.

*According to the Centers for Disease Control and Prevention (CDC), about 7.2 million Americans get sick every year from diseases spread through water and cost our healthcare systems over \$3 billion.*

### Supporting Deployment, Field, and Training Operations

Organic unit force health protection personnel (i.e., Environmental Science and Engineering Officer and/or Preventive Medicine Specialists) will provide appropriate command level comprehensive occupational and environmental health services to their respective units. These services include water quality analysis, water trailer inspections, and training. For further details, please contact your supporting Command Surgeon's Office.

Fort Campbell's Environmental Health Section can support units on Fort Campbell, Fort McCoy, and Rock Island Arsenal whose force health protection personnel are deployed or units who do not have organic preventive medicine personnel or equipment. If interested, please contact the Environmental Health Office for details.

For units that train at Fort McCoy, it is advised to ensure unit force health protection personnel are attached to each training exercise and perform water trailer inspections prior to leaving home station. If you do not have organic preventive medicine assets, please contact Environmental Health to see if/how we can assist.

### Environmental Health Contact Information

#### Fort Campbell

(270) 412-3979/3990

#### Fort McCoy & Rock Island

(270) 461-4650

### Installation Drinking Water Contact Information

Please direct all water concerns (i.e., taste, odor, and water main breaks) to the appropriate installation contacts below:

#### Fort Campbell

(931) 431-5677

#### Fort McCoy

(608) 388-4357

#### Rock Island

(309) 782-2387

### Division Surgeon's Office Contact Information

#### Fort Campbell / Division

(270) 798-5880

#### Rock Island

#### Army Sustainment Command

(309) 782-1824

#### HQ First Army

(309) 782-9607





## Super Chlorination Procedures for Water Trailers



1. Fill the container full of potable water. Add 100 mg/L chlorine concentration.
2. Mix or slosh the solution around so it contacts all the surfaces.
3. Run some of the solution through the valves and spigots.
4. Keep all interior surfaces wet with the solution for at least 60 minutes.
5. Drain the disinfecting solution into a sanitary sewer or other approved locations .
6. Rinse the container and spigots twice with potable water.

### Resources

References mentioned below can be obtained by going to the Army Publishing Directorate.

TB MED 575, Occupational and Environmental Health Recreational Water Facilities

TB MED 576, Sanitary Control and Surveillance of Water Supplies at Fixed Installations

TB MED 577, Sanitary Control and Surveillance of Field Water Supplies

ATP 4-25.12, Unit Field Sanitation Teams

Dosage	Min Drinking Standard	Super Chlorinating 100mg/L
400 Gal	2 tablespoons	3 quarts
5,000 Gal	1 2/3 cup	10 gallon

5% Non-Scented Household Bleach

## Frequently Asked Questions (FAQ)

There are several things that need to be checked BEFORE your water trailer is ready for evaluation/inspection.

- Manhole covers: Sealed effectively to prevent contamination of contents & locking mechanism functions. Cover and interior are not rusted. Insulation is not damaged.
- Dispensing Spigots: The “T” handle opens and closes freely.
- Drain plugs: Installed hand tight only so it is easily removed.
- POTABLE WATER ONLY must be stenciled on the exterior of the trailer in plain view.
- Interior surfaces: Seams are free of corrosion. Interiors are not painted or coated with any material. Cracks and dents that expose the polyurethane foam insulation are not permitted.

