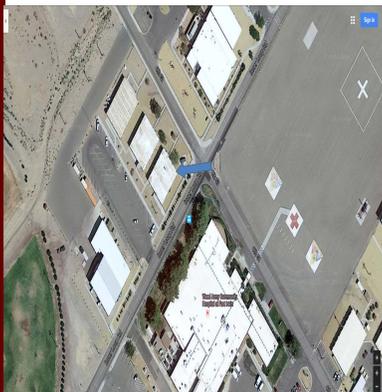




PREVENTIVE MEDICINE
ENVIRONMENTAL
HEALTH SERVICES

Inspections offered by
appointment only.



BLDG 172
Fort Irwin, CA 92310
Ph. 760-380-3235

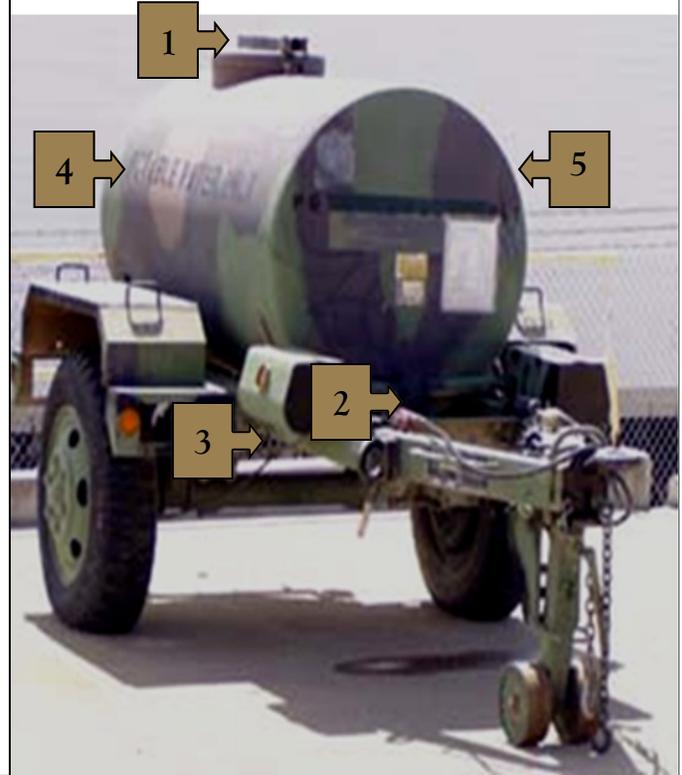
[http://www.irwin.amedd.army.mil/
pages/preventivemedicine.html](http://www.irwin.amedd.army.mil/pages/preventivemedicine.html)

Department of Preventive Medicine Water Trailer Information

How to Pass Your Inspection

Environmental Health Services (EHS) conduct weekly water trailer/buffalo inspections at their location. There are several things that need to be checked BEFORE bringing your water trailer to their location.

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



Super Chlorinating Procedures

1. Fill the container full of potable water. Add 100-mg/L chlorine concentration. (see chart to the right) Water points are located near RUBA and RUFMA
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 min
5. Drain the disinfecting solution into a sanitary sewer or other approved location (not into a dry lake, stream, or storm drain). Authorized dump sites for super chlorinated water is BLDG 699 wash rack located in the RUFMA
6. Rinse the container and spigots twice with potable water

NOTE:

Utilize [Technical Manual for the M149A2 water trailer](#) for all needs concerning Water Trailers, including NSNs. NSNs in the box to your right are just a few of the main parts that are deficient.

Super Chlorination Chart

<i>Dosage</i>	Minimum Drinking Standard 1 mg/L (ppm)	Super Chlorinating 100 mg/L
400 Gallons (Standard Buffalo)	2 Tblsp	3 qt
5,000 Gallons	1 2/3 cup	10 gal

5% Non-Scented Household Bleach



Correct Water Buffalo NSNs:

*Replacement Faucet NSN: 4510-01-433-0396

Part Number: 12406415

*Pipe Elbow NSN: 4730-01-380-2931

Part Number: MS14308-8

*Seal NSN: 5330-01-317-9640

*Silicone Adhesive NSN: 8040-00-118-2695

* T-handle Replacement Part NSN: 45820-01-384-755

