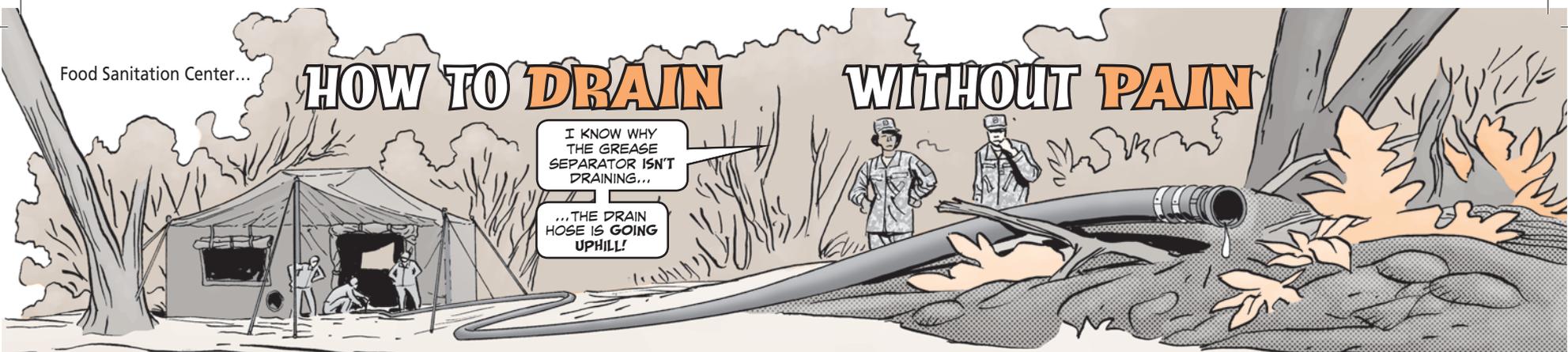
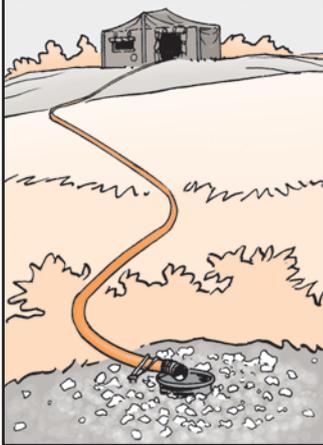


# HOW TO DRAIN WITHOUT PAIN

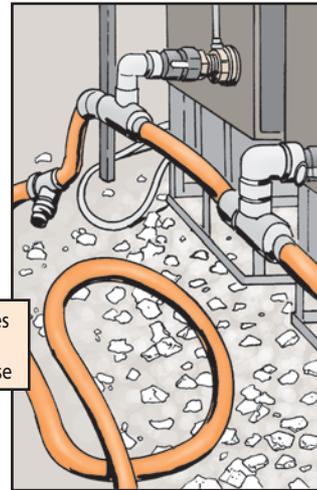


WHEN YOU SET UP YOUR FOOD SANITATION CENTER (FSC), MAKE SURE THE 50-FT DRAIN HOSE RUNS DOWNHILL OR, AT THE VERY LEAST, ACROSS LEVEL GROUND. HERE'S WHY...



The FSC's grease separator has a pump that pushes gray water through the drain hose. But you should still harness gravity as much as you can. Running the hose downhill or level relieves strain on the pump. It also speeds the flow of water to the soakage pit or gray water tank.

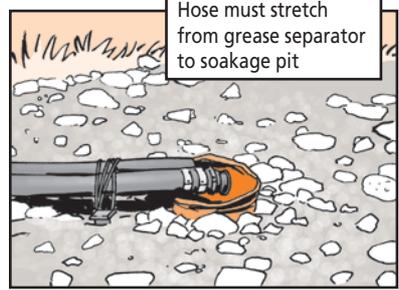
Before you release gray water, ask your environmental officer or NCO about your unit's gray water policy.



To keep people from tripping over the hose, bury it in a shallow ditch. Or run it alongside logs or stones. At the very least, you should mark it with flags.



Remember, you have a 50-ft drain hose that's meant to stretch from the FSC's grease separator to the soakage pit or gray water tank. That means you need to set up the grease separator within 50 feet of the pit or tank.



**Definitions**  
**Gray water**—waste water from kitchens, showers, handwash stands, laundries and vehicle washracks  
**Soakage pit**—a hole dug in porous soil, filled with small rocks and pebbles, and covered with straw (or grass) and dirt. A drain pipe or hose empties gray water into the pit. The water filters through the rocks and into the surrounding soil.

Also make sure the hose runs straight. Kinks, knots or loops allow debris to build up, blocking the flow and overworking the pump. For the same reason, never put heavy objects on the hose.

### Check That Hose

Make sure you check the drain hose like it says in the PMCS table of the -13&P TM. Look for leaks, tears and dry rot. Also look for damaged or missing gaskets. Make sure the fittings are firmly connected. And when the temperature dips below freezing, disconnect the hose from the grease separator. Clean out any ice that's built up inside the hose or grease separator outlet before you reconnect the hose. Need a replacement hose? Use NSN 4720-01-541-0370.

For more information on the food sanitation center, see TM 10-7360-211-13&P (Aug 06, w/Ch 2, Sep 10). You'll find it on the USAMC LOGSA's Electronic Technical Manuals Online website: <https://www.logsa.army.mil/etms/online/fcm>

For more information on disposing gray water, see FM 4-25.12, *Unit Field Sanitation Team*, and TB MED 593, *Guidelines for Field Waste Management*. You'll find them both on the Army Publishing Directorate website: <http://www.apd.army.mil/>