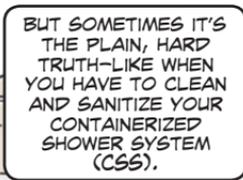


# CLEAN IT AND MEAN IT



## Operators Get Dirty

WHEN GRAYWATER (DIRTY WATER) BACKS UP IN SHOWER STALLS OR THE SINKS OF SHAVE STANDS, THE **OPERATOR** NEEDS TO FIND THE BOTTLENECK AND FIX IT IF HE CAN.

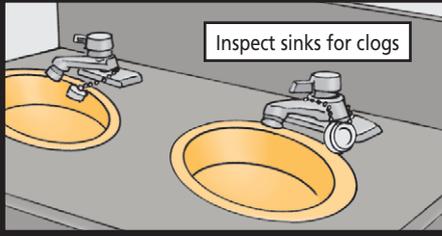
HERE ARE A FEW PLACES TO LOOK...



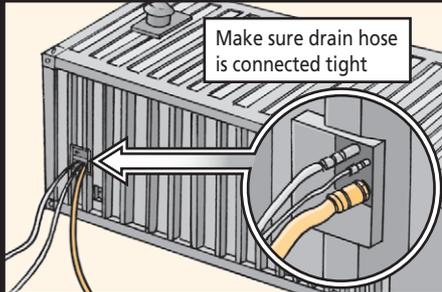
- Make sure the shower stall drains are not clogged. Remove any debris to get the water draining.



- Inspect the shave stand sinks for clogging. If you have to, disconnect the sinks' hoses to get a better look at the drains. Clean out any clogs you find.



- The problem could be that the graywater holding tank is not pumping out graywater. If the water has nowhere to go, it backs up in showers and sinks. Make sure the graywater drain hose is tightly connected to the water service panel. Straighten out any kinks or bends in the hose.



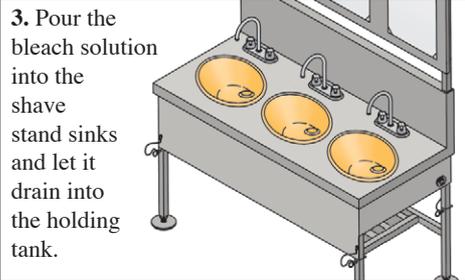
- Make sure the sump pump in the holding tank is working. Reset the circuit breaker switch if you have to.
- If water is still backing up in stalls or sinks, notify unit maintenance.

### It's Not Sanitary

Once a week the operator must sanitize the graywater holding tank. For this, you'll be using chlorine bleach, which can irritate the skin, eyes and lungs. Wear protective clothing: rubber apron or coveralls, safety splash goggles or a face shield and rubber gloves. Avoid breathing the vapors.



1. Turn off the sump pump.
2. Mix two ounces of household chlorine bleach in two gallons of warm water.



4. Let the solution sit in the tank for at least one hour.
5. Turn the sump pump back on and allow the tank to drain.

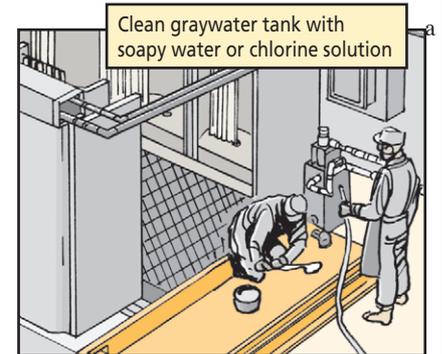
### Unit Maintainers Get Dirty, Too

Over time, hair, soap and grime form a sludge that can choke the sump pump in the graywater holding tank. Graywater can't get pumped out, so it backs up in showers and sinks.

Unit maintainers must clean the tank every 30 days—and it's a two-man job. Because you're dealing with wastewater and contaminated surfaces that carry disease, you also need to wear protective clothing: rubber apron and gloves, and safety splash goggles or a face shield.



1. Remove the equipment mounting platform. It's heavy, so it takes two persons to lift it. It also has sharp edges. You'll need the protective gloves.
2. Remove the graywater holding tank cover plates and duct cover plates.
3. Operate the sump pump manually using the pump override while you're cleaning. That'll drain the tank.
4. Use soapy water or chlorine solution, long-handled brushes and a garden hose to clean the duct and tank.
5. Rinse the cleaned duct and tank.
6. Pump the water out.
7. Replace the holding tank cover plates and duct cover plates.
8. Replace the equipment mounting platform.



FOR THE COMPLETE STORY ON CLEANING AND SANITIZING THE CSS, READ TM 10-4510-208-13&P, **ESPECIALLY THESE WORK PACKAGES...**

- WP 0018, Water Troubleshooting Procedures
- WP 0020, Preventive Maintenance Checks and Services
- WP 0022, Shower Service
- WP 0036, Cleaning the Graywater Holding Tank

