

TAYLOR COASTAL WATER & SEWER DISTRICT

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USER INSTRUCTIONS FOR THE ENVIRONMENT ONE GRINDER PUMP

In order to provide you with suitable wastewater disposal, your home is served by a low pressure sewer system. The key element in this system is an Environment One grinder pump. The tank collects all solid materials and effluent from the house. The solid materials are then ground to a small size suitable for pumping as slurry with the effluent water. The grinder pump generates sufficient pressure to pump this slurry from your home to the wastewater treatment receiving line and/or disposal plant. With proper care and by following a few guidelines, your grinder pump will give you years of dependable service.

CARE AND USE OF YOUR GRINDER PUMP

The following items should **NOT** be introduced into any sewer, either directly or through a kitchen waste disposal unit:

Cloth	Kitty litter
Condoms	Metal
Cooking Oil and/or Grease	Paint
Diapers	Paper towels
Egg Shells	Petroleum products
Explosives	Plastic
Flammable Material	Rags
Gasoline	Sanitary napkins or tampons
Glass	Seafood shells
Go-Jo hand soap	Strong chemicals
Goldfish stone	

If it is discovered that the any of the above materials have been introduced into the grinder pump, you may incur costs for repair/replacement of the grinder pump unit!

PERIODS OF DISUSE

If your home or RV is left unoccupied for longer than a couple of weeks, perform the following procedure:

Purge the system: Run clean water into the unit until the pump activates (about 15 minutes) **OR** fill the tub with water and empty prior to leaving. Turn off the water and allow the grinder pump to run until it shuts off automatically.

Duplex Units: Special attention must be taken to ensure that both pumps turn on when clean water is added to the tank.

CAUTION: DO NOT DISCONNECT POWER TO THE UNIT OR TURN OFF ANY VALVES LEADING TO THE UNIT!

POWER FAILURE

Your grinder pump cannot dispose of wastewater without electrical power. If the electricity is off, keep water usage to a minimum.

PUMP FAILURE ALARM

Your grinder pump has been manufactured to produce an audible and visual alarm in the event of a high water level in the tank. If the alarm sounds, please press the silence button underneath the alarm panel. If the alarm light is still active after 1 hour, please call our office so that a technician can service the unit. During the interim prior to the arrival of our technician, water usage must be limited.

VENTING/PROTECTION OF LID

Please keep your pump lid free of obstructions so the unit can vent properly. No landscaping materials which would inhibit access to the grinder pump are allowed. Technicians must always have access. **DO NOT drive over the lid. Avoid impact to the “candy cane” vent tube.**

EMERGENCY CONTACT NUMBERS:

If you have any problem with your grinder pump unit please call:

Monday-Friday, 8:30 am-4:00 pm Call (850) 578-3043

Nights and Week-ends Call (850) 843-7621

Additional recommendations for customers with grinder pumps:

- Pour ¼ cup Dawn down the drain once per month to break up any possible build up in the pump.
- Ants can ruin the electrical wires connected to the pump's outside alarm box. If you have ant problems or predict issues at your home, place an ant killer trap near your alarm box.
- When a grinder pump's lid is not high enough above ground, rainwater can collect on and around the lid, causing the pump to flood and run too frequently. Therefore, when building and landscaping around a grinder pump, ensure dirt and sod is not applied above the recommended level, marked on the pump.
- Pour grease in a container and put it in the trash instead of pouring it down the drain (grease coagulates in cool water of grinder basins, restricting on/off float switches)
- Utilize liquid soaps for dish washing and laundry (powder soaps coagulates in cool water of grinder basins restricting on/off float switches)

Please make sure everyone who utilizes your home is aware of these facts.