

# USER INSTRUCTIONS FOR THE GRINDER PUMP

## GENERAL INFORMATION

In order to provide you with suitable wastewater disposal, your home is served by a low pressure sewer system. The basic unit in this system is a Grinder Pump. The tank collects all effluent from the house, and the solid materials are then ground to a small size suitable for pumping as a slurry with the effluent water. The Grinder Pump generates sufficient pressure to pump this slurry from your tank to a pump station or the Wastewater Treatment Plant.

## USE AND CARE OF YOUR GRINDER PUMP

When not abused, the Grinder Pump should give you years of quiet, trouble-free service.

Regulatory agencies advise that the following items, although capable of being ground and pumped by the unit, should not be introduced into the sewers either directly, or through a kitchen food waste disposal unit:

- \* glass
- \* metal
- \* seafood shells
- \* diapers, socks, rags or cloth
- \* plastic objects (toys, utensils, etc.)
- \* sanitary napkins or tampons
- \* *Baby wipes*

## POWER FAILURE

If electrical power service is interrupted, water usage must be kept to a minimum. Your Grinder Pump cannot dispose of wastewater without electrical power and usage is limited to the reserve capacity of the tank.

## PUMP FAILURE ALARM LIGHT (HIGH WATER LEVEL)

Your Grinder Pump has been designed and manufactured to provide years of trouble-free operation.

In the event that a failure should occur, the red alarm light will turn on. If the red light stays lit for half a minute or longer, there is a problem and you should contact the Washington County Sanitary District. As with a power outage, if a failure does occur, the Grinder Pump will not dispose of the wastewater, therefore, usage is limited to the reserve capacity of the tank.

## DUPLEX GRINDER PUMP-SPECIAL USER INSTRUCTIONS

*Single home served by a Duplex Grinder Pump*

In the case of a Duplex Grinder Pump serving only one (1) home, all sections of the above Use Instructions apply. For periods of

disuse, special attention will be required to be certain that both pumps turn on when the clean water is added to the tank.

#### *Several homes served by a Duplex Grinder Pump*

Residential installations using duplex pumps generally serve two (2) to four (4) homes. All sections of the above User Instructions apply with the possible exception of "periods of Disuse." It is unlikely that all homes will discontinue use of the Grinder Pump at the same time and therefore the clean water purge is not required. In the event that all homes connected to the Grinder Pump are to be unoccupied for several weeks, the purge and pump down would be desirable.

#### *Commercial or Industrial use of a Duplex Grinder Pump*

For commercial or industrial use of a Duplex Grinder Pump, all sections of the User Instructions apply.

Service by the District will be available 24 hours a day, 7 days a week, but in consideration of the District employees, if service repairs can wait until day light hours it will be appreciated. Normal response time will be less than one (1) hour. When contacting the Washington County Sanitary District for service you must give your complete name, address and phone number.

We at the Washington County Sanitary District have thoroughly researched, designed, and installed an environmentally safe and cost effective system for your property that will serve you well for a long time.

In addition, in accordance with the Environmental Protection Agency, the Maryland Department of the Environment and the Washington County Sanitary District regulations it is illegal to dispose of the following in the sanitary sewer system:

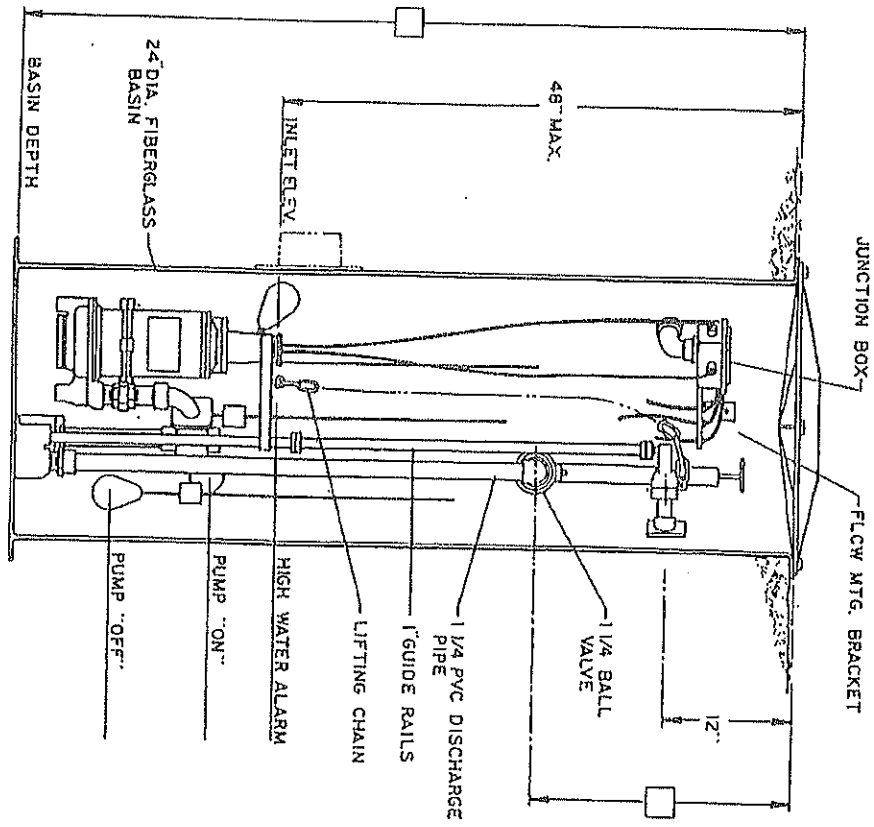
- \* explosives
- \* flammable material
- \* strong chemicals
- \* lubricating oil and greases
- \* gasoline

No unusual restrictions on water usage are imposed by the Grinder Pump system.

#### **PERIODS OF DISUSE**

If your Grinder Pump is to be left in an unoccupied home or building for longer than a couple weeks, the following should be done:

1. Run water in a kitchen or laundry sink long enough to cause the Grinder Pump to turn on. Immediately turn off the water and allow the Grinder Pump to pump down and automatically "turn off". This will purge the system and leave it filled with a minimum of clean water.
2. Leave the electrical power to the Grinder Pump "on". There is a heating element inside the control compartment that will eliminate possible condensation problems.



If you have any questions or problems please contact  
 W.C.S.D. at (910-313-2400) and after hour emergencies call