

## HANOVER TOWNSHIP SEWER AUTHORITY GRINDER PUMP RESTRICTIONS

The following information and guidelines will help in providing maximum service from your Environment One Grinder Pump.

### Restrictions on Sewer System and Grinder Pump Use:

The Manufacturer's, Environment One Corporation (e-One), rules and regulations regarding sewer use prohibits the discharge of deleterious substances into the sewer system. Sanitary sewer systems are intended to handle primarily domestic or domestic-like wastewater. Prohibited substances must not be discharged into the sanitary sewer system. Also, e-One recommends that you use **liquid laundry and dishwasher detergents** verses powdered detergents, as powders do not always dissolve completely.

The following references describe some of those substances that must not be discharged into the grinder pump and the sewer system. Your cooperation in adhering to these requirements will reduce maintenance costs and assist Hanover Township Sewer Authority in maintaining safe work conditions for our agents.

The e-One grinder pump is capable of accepting and pumping a wide range of materials. The following items **should not** be introduced into any sewer, either directly or through a kitchen waste disposal unit:

Glass	Diapers, socks, rags, or cloth
Metal	Condoms
Seafood shells	<b>Sanitary napkins or tampons</b>
Eggshells	Potato skins

In addition, you must **NEVER** introduce into any sewer:

Explosives	Strong chemicals
Flammable materials	Straw/mulch
Gasoline	Lubricating oil or <b>cooking grease</b>
Abrasives (sand, mud, kitty litter)	Paint
Plastic objects (toys, utensils, hypodermic syringes, etc)	
<b>Baby wipes or "flushable" personal wipes</b>	<b><a href="https://www.youtube.com/watch?v=nXTwKyCVIh8">https://www.youtube.com/watch?v=nXTwKyCVIh8</a></b> – Wipes Video

Please keep in mind that the grinder pump needs air to function properly. Therefore, you must refrain from placing landscaping materials too high around the tank. There should be approximately four (4) inches of the tank above the ground level. Keep the area around the grinder pump cleared of weeds and debris or there will be a charge for clearing the area if the pump needs service.

In the event that you will be away for a prolonged period of time, your system should be flushed with clean water to avoid sewer gas creation and damage to the pump. To flush the pump, fill and drain the bath tub two or three times just prior to leaving.

If your pump alarms, silence the alarm with the button under the panel; **do NOT turn off the circuit breaker**. Contact Mark Lashhorn at **304-374-7885** between 7am and 8pm and limit water usage until the pump can be serviced (service charge and repair charges may apply). Failure to seek service after the alarm sounds may cause the pump to flood resulting in further damage. Flood conditions will require the tank to be manually cleaned out, at homeowner's expense, before any service can be performed.

During a power outage, **limit water usage** to minimize the chance of flooding the pump. Once power is restored, your pump alarm may activate. This is common as the tank may have entered a high-level condition. In most cases, the alarm light will go out once the pump brings the high level down to normal. If the light does not go off after 15 minutes, contact Mr. Lashhorn for service. HTSA has **battery-operated remote alarms** that will activate during power outages to alert homeowners when the tank is full. The cost of these remote alarms is \$100 plus installation.

Further grinder pump information can be found in HTSA Resolution 2016-25 and 2022-02. A copy of these resolutions can be found on our website at [www.hanoversewer.com](http://www.hanoversewer.com).