

Grinder Pump Electrical Requirements

Liberty pumps: 240 volts 15 amps

Questions?

If you have any questions about your grinder pump, please contact:

Dennis Skaggs

WWTP Superintendent

(606) 783-1502

Or

Our main office

(606) 784-5538

Take a minute to find your grinder pump. It is generally buried underground in a container, with the lid showing above the ground. Look for the grinder pump lid (see picture below).



Please keep the area around your grinder pump lid clear at all times to provide access for maintenance.



Alarm Light

What are your responsibilities to ensure efficient operation of your grinder pump?

Maintain access to the pump control box and the pump chamber, and make sure there are no landscaping plantings obstructing access.

Never put any of the following materials into sinks, toilets or drains. These materials may clog your system, cause sewer backups into your home or pump failure:

- Cooking fat, lard oil or grease
- Degreasing solvents
- Cigarette butts
- Dental floss
- Sanitary napkins, tampons or diapers
- Q-Tips
- Sanitary wipes, such as baby wipes, disposable floor wipes, or disposable floor scrubbers
- Hair clippings
- Cat litter
- Strong chemical, toxic, caustic or poisonous substances
- Flammable material such as gasoline, kerosene, fuel oil or paint thinner
- Glass, metal, wood, eggshells, seafood shells, aquarium rocks or gravel
- Plastic objects such as toys or eating utensils
- Rubber gloves or other disposable gloves
- Needles or prescription drugs

Your system will function better if it is not overloaded

Not only will you keep your grinder pump running smoothly, but you may also lower your water, sewer and electric bills

What you need to know about your

WASTEWATER GRINDER PUMP SYSTEM



The Morehead Utility Plant Board (MUPB) has identified you as a sewer customer who may use a grinder pump system. This brochure will provide you with information about your grinder pump system, the MUPB's role associated with maintenance of your system.

Why do I need to use a grinder pump system?

Wastewater normally flows downhill by gravity through the sewer system. However, gravity service is not available to your property. Your residence may be at a lower elevation than the sewer mains or smaller main sewer lines thereby requiring the use of a pump to force the wastewater up to the gravity sewer main. The District's standard pump for this situation is a grinder pump.

How does a grinder pump work?

Wastewater from your home flows down your drains and collects in a holding tank. When the wastewater in the tank reaches a certain level, it automatically activates the pump to grind up your sewage into small particles, much like a garbage disposal. The pump then generates enough pressure to push the wastewater up the hill through your sewer line to the sewer main.

The grinder pump system has an alarm light to alert you if there are any problems with the system operation.

Who is responsible for maintenance of my grinder pump?

The MUPB owns and maintains the grinder pumps within its service territory. The MUPB currently maintains grinder pumps at more than 700 residences within our service area.

MUPB staff perform to carry out preventative maintenance of the grinder pumps to ensure proper operation of your system. For additional information, please refer to your "Grinder Pump Service Agreement." The Service Agreement outlines the terms and conditions associated with your responsibilities for grinder pump usage, as well as the MUPB's maintenance responsibilities. The Service Agreement was signed and recorded against your property when the grinder pump system was initially installed. If you purchased your property with the grinder pump system already in place, you should have received a copy as part of your property title information. If you cannot find a

copy of the Service Agreement and easement, you may request a copy from the MUPB 's office at 135 South Wilson Ave. Morehead, KY. (606) 784-5538

What should I do if my grinder pump alarm light comes on?

If there is too much flow going into your grinder pump unit, the high sewage level will automatically trigger an alarm light to alert you of the problem. You may also hear a noise coming from the grinder with the alarm light "off". This usually means a float switch is stuck in the "on" position and you should call the problem in as soon as possible. In many instances, the problem could be an excessive amount of flow to the grinder pump. You should immediately discontinue your water use to prevent an overflow and call the MUPB to report the problem. The MUPB has a person on call 24 hours a day to respond to these situations. The MUPB's phone number is (606) 784-5538. There is no additional charge for MUPB response to alarm calls. For your safety, never attempt to open the control panel or the grinder pump tank or have it serviced by an outside contractor.

What should I do if the power goes out at my home?

During a power outage, your grinder pump will not function. It is best to limit any water use during a power outage, since your holding tank has a limited capacity. If the system was already full and ready to pump just before the power went out, there will be even less storage available. Running any additional water or flushing toilets when the pump cannot operate may cause sewage to back up into your home. Questions? If you have any questions about your grinder pump, please contact Dennis Skaggs, Supervisor, at (606) 783-1502