

**Executive Director:**  
**George T. Miller, Jr.**



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## Nelson County Service Authority

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November 2016

Dear Homeowner:

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 a 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 a slurry with the effluent water. The grinder pump generates sufficient pressure to pump this slurry from your home to the sewage collection system and treatment plant.

### Care and Use of your Grinder Pump

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

Paint	Gravel	Glass
Paint thinner	Fish tank gravel	Disposable diapers
Paint cleanup material	Seafood shells	Socks, rags or cloth
Metal	Plastic objects (toys, utensils, etc.)	Kitty litter
Sanitary napkins	Tampons	Coffee grounds
Egg Shells	Bones	cooking oil
Sand	Grout	Abrasive materials
Explosives	Strong chemicals	Lubricating oil and/or grease
Flammable material	Gasoline/Diesel fuel	Storm water runoff

### Periods of Disuse

If your home or building is 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. Immediately 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**

**Power Failure**

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

**Pump Failure Alarm**

Your grinder pump has been manufactured to produce an alarm signal (120 volt) in the event of a high water level in the basin. The installer must see that the alarm signal provided is connected to an audible and/or visual alarm in such a manner as to provide adequate warning to the user that service is required. During the interim prior to the arrival of an authority technician, water usage must be limited to the reserve capacity of the tank.

We would appreciate your advising other family members or renters of the above precautions so as to ensure a minimum of unnecessary repairs and expense incurred to the homeowner. If you do have problems with your grinder pump, please contact our office as soon as possible at (434) 263-5341.

Thank you for your cooperation.

Sincerely,

A handwritten signature in blue ink, appearing to read "George T. Miller, Jr.", written in a cursive style.

George T. Miller, Jr.  
Executive Director