

Integrated Wastewater Management, LLC **User Manual – Pump System**

Congratulations on purchasing your new home! Your home is connected to a private sewer system operated by Integrated Wastewater Management, LLC, (IWMI).

The sewer rate is set by the tariff approved by the Alabama Public Service Commission and cannot change without their approval.

It is your responsibility to maintain the tank and any sewer equipment located on your property. It is also your responsibility to provide electricity to the pump control and alarm panel mounted on your house.

What do I do if there is a problem with the sewer?

If the sewer is backing up in your house, there are a couple of things to check first.

Is it only one sink or toilet? If so, it is probably a plumbing problem in your house. You should call a licensed plumber to help you fix the plumbing problem or clear the clogged line in your house.

Is the circuit breaker labeled SEWER, SEWER PUMP, SUMP PUMP or just PUMP in your breaker box in the house tripped or off? A tripped breaker will be in the “middle position” not on or off, but in the middle. If the breaker is tripped, turn it to the “OFF” position and then back to “ON”.

If you see sewage coming out of the green pump tank lid or the cleanout that is located between your home and the tank, or if the alarm light/buzzer is on. Contact IWMI or a local licensed service provider.

After a long power outage, it is normal for the alarm light and buzzer to turn on. The alarm will go off after the normal working level has been reached in the tank.

You can silence the alarm with the switch located on the side of the pump control/alarm panel.

How does the sewer system work?

The sewer system includes a pump tank and a pump. Sewage is conveyed by gravity from your house to the pump tank. Liquid waste is pumped under pressure to the sewer system treatment plant. Solid waste will remain in the pump tank where it naturally degrades and is eventually pumped out.

If you suspect that your tank may need maintenance, please give us a call. We will be glad to inspect your tank and guide you on actions needed.

Use water efficiently!

Average indoor water use in the typical single-family home is about 175 gallons per day. Dripping faucets can waste as much as 2,000 gallons of water each year and leaky toilets can waste as much as 200 gallons each day. The more water a household conserves, the less water enters the sewer system.

Flush responsibly

Be careful with undesirable substances that could be flushed into the sewer. Never flush dental floss, fats, cooking oils or grease, feminine hygiene products, condoms, disposable diapers, wipes, paper towels, cotton swabs, cigarette butts, coffee grounds, cat litter, mud, sand straw, metal shavings or other items that can clog and potentially damage your sewer system. These items should be disposed of in your garbage can.

Never flush household chemicals, photographic developing chemicals, gasoline, oil, pesticides, antifreeze, and paint or paint thinner. These items can create hazardous conditions for maintenance personnel. These items should be taken to the appropriate local hazardous materials handling or recycling station.

Please do not add any additives like Rid-X to your system.

Minimize Use of Garbage Disposals

The use of garbage disposal is not recommended.

Using your garbage disposal increases the amount of Fats, Oils, Grease, and solids entering the tank. This increases the frequency of required maintenance/repairs to your equipment.

Keep rainwater out of the system!

Watch out for rain drains or storm drains that may flow in the direction of the sewer system. Additional water increases pumping costs, depletes the available capacity of the sewer system, adds needlessly to the daily volume of the water that the treatment plant must process, and increases costs for everyone.

Report vandalism to IWMI

We want to make sure that any vandalism hasn't caused some underlying malfunction to the system that may not be immediately apparent.

Label your circuit breakers

Know which circuit breaker in your house supplies power to your sewer pump. The circuit breaker is normally a 20-amp breaker and will be labeled SEWER, SEWER PUMP, SUMP PUMP or just PUMP. Label it so that you don't accidentally turn it off causing sewage to overflow from the tank. It is your responsibility to provide electric power to the sewer pump.

Know the location of your pump control and alarm panel

Be aware of the location of the grey electrical pump control and alarm panel outside of your building. There is a red light on the top of the pump control and alarm panel and a buzzer alarm. **If the alarm goes off, you can silence the alarm with the switch located on the side of the pump control and alarm panel.** The red light will remain lit while there is an alarm condition.

Maintain your own plumbing

You are responsible for maintaining the plumbing in your house and the sewer line that runs from your house to the pump tank.

Know what to do in case of a power failure

If a power outage occurs, it is not necessary to call IWMI. Your system is designed to work normally once power returns. Your tank has capacity for approximately 24-48 hours of limited use in a power outage (e.g. toilets, sinks, showers). If your electric power provider cannot restore power within 24 hours conserve water as much as possible to avoid using all the capacity of your pump tank and causing an overflow.

Do not drive your vehicle or any heavy machinery over the lid or surface of your tank or over any buried components of your system. If there is a chance of vehicular traffic over your system, construct a barrier or plant rows of shrubs that would block this traffic. You are responsible to pay for any repairs for damage that you cause to the sewer system.

Call before you dig

The telephone number of the Alabama One Call utility location service is 811 and IWMI (205) 532-0745. If you need to dig in your yard, please call both numbers to have your utilities located. The utilities that have underground facilities in your area will come to surface mark their lines. This is the law!

Unpermitted sewer work is dangerous and against the law

Sewer mains are under pressure. If your sewer system needs repair, please call IWMI or a licensed service provider to schedule a repair time. Please be sure to put pets in the house during times when service personnel are servicing the sewer equipment.

TYPICAL LOT - SEWER PLAN
STOCKTON PLACE - PHASE 1

THE HOME OWNER IS RESPONSIBLE FOR MAINTENANCE OF THE GRAVITY SEWER LINES IN THE HOUSE AND FROM THE HOUSE TO THE PUMP TANK, AND FOR SUPPLYING POWER TO THE CONTROL/ALARM PANEL.

FUTURE DEVELOPMENT

