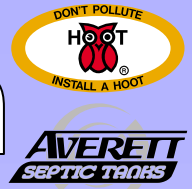




Hoot Drip Irrigation



Hoot Aerobic Systems brings its 30 years of experience in the wastewater treatment field and has teamed up with Florida native Averett Septic Tank Company with their 1/2 century of experience to provide the finest On-Site Wastewater Treatment and Disposal System available to Floridians. Together, we have been manufacturing and installing these systems for the last three years in Florida and no one has more experience in Residential On-Site Wastewater treatment with Drip Irrigation in the State of Florida, Period.

The Hoot Aerobic System efficiently recycles all of the water used in your home and disperses it into the soil via subsurface drip tubing. The treated effluent from your home or business is filtered by **Hoot Supply, Filtration and Flushing System** through a 120 micron filter, to less than 1/2 the size of a human hair, before it leaves the filter and goes into **Netafim Bioline Drip Irrigation Tubing**. Though the tubing, the effluent is evenly and accurately distributed through **pressure compensating drip emitters** every 1 or 2 feet over your entire drainfield, during timed distribution events throughout the day.

100% of the water used in your home is recycled and applied 6 to 9 inches below the ground in the root zone of plants, shrubs and grasses. All of this water is re-used for irrigation purposes, allowing you to significantly reduce, if not eliminate your need for additional watering of your lawn, shrubs or trees, all depending on where you put your drainfield.

Because of how accurately drip irrigation works, the tubing can be as close as 2 feet from the foundation of your home and 2 feet off your property line, allowing for the use of as small as 7.5' setbacks to be used as drainfields. No other technology can accomplish this.

The Quality of effluent that is generated by the Hoot Treatment System provides credits by the State of Florida for Reductions in Drainfield size from between 25% and 40%. Also, reduced setbacks to surface waters and increases to authorized daily flows are accomplished at three different levels, depending on how we set up and monitor your equipment. Check with us on what level of performance will be needed for your particular lot.

With the Hoot Aerobic Treatment and Drip Irrigation Disposal Systems, the "foot print" of the treatment system is reduced by up to 60% over a conventional on-site treatment system. This allows you to do more of what you want with your property. Circular Drives, Pools, Cabanas, etc., that space would not allow, are now possible with the reduction in drainfield size.

Additionally, in areas where high water tables exist, unsightly mounded systems are reduced by as much as 15", and in many cases are unnecessary. Floor height is reduced by as much as 2 or 3 courses. In these situations, the Hoot System will pay for itself with the savings in the cost of the fill material alone.

Hoot pioneered the introduction of Drip Disposal with Home On-Site Treatment Systems and provides you the last treatment system your property will ever need. Florida has the highest failure rate of on-site treatment systems in the country, and this is mainly due to our high water tables and weather.

A traditional gravity flow drainfield receives effluent from septic tanks, which only breaks down the sewage strength somewhere between 25% to 40%, relying on the soil to do the remainder to the treatment before it makes its way to the water table. This breakdown can only take place if oxygen can make its way into the soil. Most homes use the majority of their water in very short periods, primarily in the morning when people get up, shower and leave for the day. The disposal field can receive up to 70% of the daily flow in the period of just an hour or two, leading to drainfield saturation and overloading. Additionally, because of our frequent and heavy rains, our drainfields are often saturated with water, not allowing oxygen to make its way in. This lack of oxygen leads to the development of a biomat, an impermeable layer that water eventually cannot penetrate. This biomat grows from the inlet of your system and creates a "Gradually Failing" system. Once this biomat makes it to the end of your drainfield, the effluent has no choice but to go up, the tell tale sign of a failed system.

Hoot Aerobic System eliminates the failures of drainfields by:

1. Treating the sewage using an aeration system by up to 99% before it leaves our tank.
2. Since the soil only treats a few percent, oxygen demand in the soil is virtually eliminated.
3. The Treated effluent passes through a 120 micron disk filter, removing the particles that ordinarily leave a treatment system and cause biomat formation.
4. By delivering the effluent evenly over the entire drainfield, not just the first few feet, eliminating the gradually failing system scenario.
5. The field is dosed many times per day, with the same gallons of flow with each dose based on an internal timer, not by household use. By evening out the flow to the soil, there is adequate time for drainage to occur before the next dose is delivered.
6. Drip irrigation is not effected by heavy rain.
7. The system is serviced once every six months for the life-time of the system, ensuring proper treatment and operation at less cost than a sewer bill.

The Drip tubing is flushed automatically every two weeks to return any particles or growth that could occur in the tubing back to the treatment system for re-processing. The filter is constantly surface flushed as it operates, returning waste back to the system for reprocessing. It is taken apart and thoroughly cleaned during the service visit every six months. The central **Computerized Control System** increases and decrease flow to the field, based on use, to adjust for abnormal flows because of house guests, parties, etc.

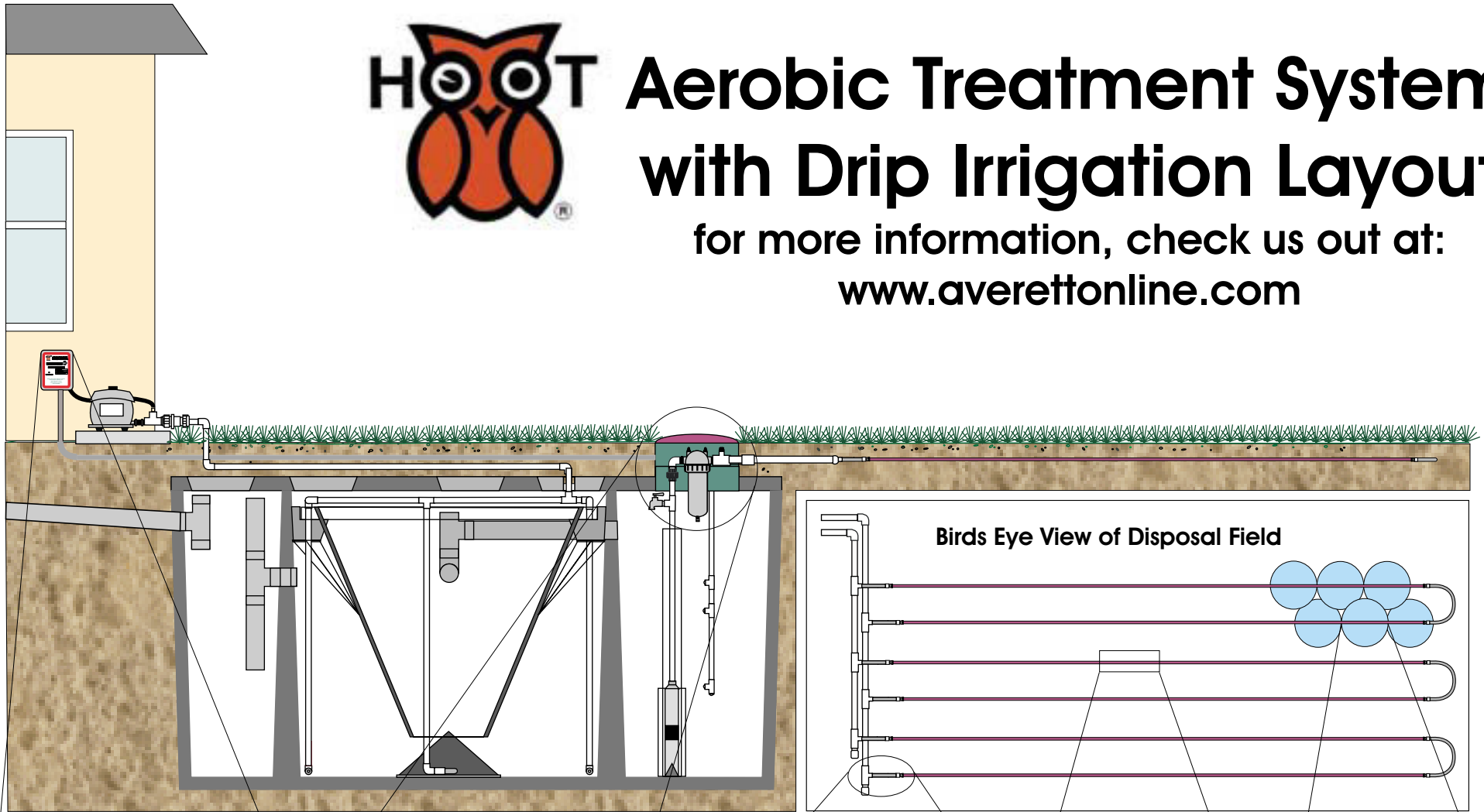
For More information, Please Contact **Mr. Steve Meints**, Florida Hoot Manager at Averett Septic Tank, Co. (866) 665-1748. or visit us on-line at:

<http://www.averettonline.com>



Hoot Aerobic Treatment System with Drip Irrigation Layout

for more information, check us out at:
www.averettonline.com



Hoot Aerobic Treatment System Controller

This product has been tested in accordance with the criteria as set forth in the NSF/ANSI Standard 40 and is hereby certified as conforming with requirements for classification as a CLASS 1 Wastewater Treatment Plant.

SYSTEM CONTROL CENTER

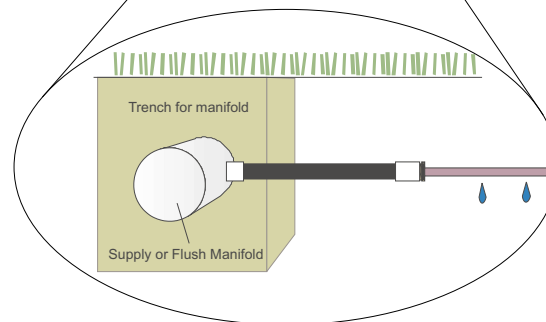
- SYSTEM OK
- SYSTEM ALARM
- WATER LEVEL PROBLEM
- AERATION PROBLEM

SILENCE ALARM

DON'T POLLUTE. INSTALL A HOOT!
Hoot Aerobic Systems, Inc.
2885 Highway 14 East
Lake Charles, LA 70607
(337) 474-2804



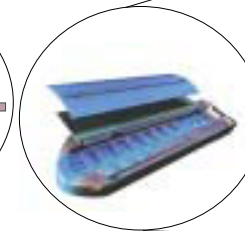
Hoot Supply, Filtration & Flushing System



Manifold and Tubing Connection



Netafim Bioline Drip Tubing



Pressure Compensating Drip Emitter

