Rapidly restores proper septic system function

Enhances B.O.D., pathogen, nitrogen & phosphorus removal

Minimizes disruption and damage to existing landscaping

Lower installation, operation and maintenance costs

Restoring and Enhancing Leachfield Performance

Advanced technology solves an age-old problem

SoilAir System components include a blower and either a timer or a microprocessor based controller in a small unobtrusive enclosure. This enclosure is connected to a power supply and the blower discharge is piped to the leach field. Sensors can be installed to monitor septic system operation and to determine aeration frequency. A non-dedicated phone line is necessary for the remote telemetry option. With remote telemetry, the SoilAir System can monitor the septic system performance and forward this information via the phone.

About SoilAir

Since 1987, the SoilAir staff has engineered a wide variety of systems for soil and water treatment to help protect the environment. With a multi-disciplined team of engineers and scientists, SoilAir has been studied for extended periods of time and proven effective by leading universities, third-party test organizations and industry leaders in the field.

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The SoilAir solution is provided through local leaders in the septic industry who are uniquely qualified to evaluate, install, service and maintain SoilAir systems.

The SoilAir facility in Old Saybrook, CT houses engineering, manufacturing, R&D and customer service, under one roof.

www.soilair.com
Toll Free: 888-SOILAIR

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Welcome to SoilAir Systems!

SoilAir™ is a patented technology that intermittently aerates the drain/leach field and the surrounding soils, allowing rapid rejuvenation of failed septic systems, extended lifespan of new leach fields and enhanced wastewater treatment.

Over 2,000 SoilAir Systems are in use across the U.S. and Canada in a wide range of climates and soils; these systems are serving single and multi-family homes as well as challenging and high strength waste streams, such as restaurants, hotels, marinas, laundromats, healthcare facilities, grocery stores, food processing facilities and convenience stores.

“Recently we were spending thousands to pump once or twice a week, and the town was ready to shut us down. The SoilAir System immediately solved our septic problems and let us stay in business.”

— Maureen Jentoft, Manager, Frankie’s Restaurant

Applications

SoilAir Systems fundamentally change the leach field environment by introducing oxygen, which allows microorganisms in the soil to thrive and reach unprecedented population levels; this also results in enhanced treatment. In a process similar to composting, these microorganisms consume the organic matter which can otherwise clog the leach field, so wastewater may infiltrate into the soil unobstructed.

SoilAir Systems are utilized on new and existing leach fields, dry wells, seepage pits, drip irrigation and other soil absorption systems, and SoilAir can be used in conjunction with other advanced treatment systems for added efficiency.

Rejuvenation: SoilAir can rejuvenate even the most severely failed septic systems – stone & pipe, chambers, even drip – often in only a few days.

Treatment: SoilAir sequences aerobic and anaerobic conditions for optimum pathogen, nitrogen and phosphorus removal.

High strength waste: SoilAir can readily treat high strength waste streams, such as restaurants and other food businesses, with unprecedented levels of oxygen.

Increased hydraulic capacity: The air pressure and flow generated by the SoilAir System assists in moving both water and air through the soil at accelerated rates.

Prevention: SoilAir maintains optimum levels of oxygen in and around the leaching system, so long-term performance is no longer a gamble, but assured.

Depiction of how intermittent aeration with SoilAir works to rejuvenate a failed leaching system

Residences

Hotels and Marinas

Grocery Stores

Restaurants

Healthcare Facilities
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Information via the phone

- Monitor the system
- Understand the system
- Know what to do if a problem occurs
- Service provided


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Manufactured under one or more of the following U.S. and Canadian Patents: 2,361,723; 6,485,647; 6,726,401; 6,814,866; 6,887,383; 6,923,905; 6,959,882; 6,969,464; 7,157,001; 7,309,434. Other U.S. and Foreign patents pending. SoilAir is a trademark of Geomatrix, LLC ©Copyright 2010 Geomatrix, LLC