

Southern Water And Soil, Inc



WASTEWATER • SEPTIC SOLUTIONS • ENGINEERING • INSTALLATION • MAINTENANCE • PERMITTING

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Southern Water and Soil has 50+ years combined experience specializing in, but not limited to engineering, designing, permitting, installation and maintenance support for your septic system needs. Our team of professionals will provide as much or as little service for your project as you require. We will customize a proposal with your particular specification in mind. Whether your project involves residential or commercial site, schools or churches, empty lots or existing structures, we have the experience and knowledge to help you successfully create the best system for your job.

Since septic systems sizes and types vary based on needs and environmental conditions it is extremely important to have qualified professionals who are familiar with pertinent septic system regulations and can draw from past experiences as well as work with regulatory agencies to obtain health approvals for the project. SWS's staff of engineers and designers offer many years experience in the design subsurface sewage disposal systems (septic systems) in the State of Florida. Over the years we have built many great working relationships with various state and local regulating agencies associated with septic system designs, construction, and maintenance. We have also built many strong relationships with individual home owners, contractors and builders over the years. With these close relationships, ***SWS provides a highly cross-trained team who exceed our customers' expectations and offers septic services that are designed properly, cost effective, and installed with minimal headaches.***



**Why Hire Southern Water and Soil?
Why Hire Anyone Else!**



Our success can be attributed to our professionalism, high level of service, responsiveness, dedication to our work, and customer referrals. We realize, now more than ever, that septic system need to be high quality yet still affordable. By combining science and in-depth knowledge of regulatory considerations we are committed to providing solutions, technical excellence and the education necessary to keep the system in great working order with moderate to minimal maintenance required.

SWS is fully licensed, insured, and bonded.

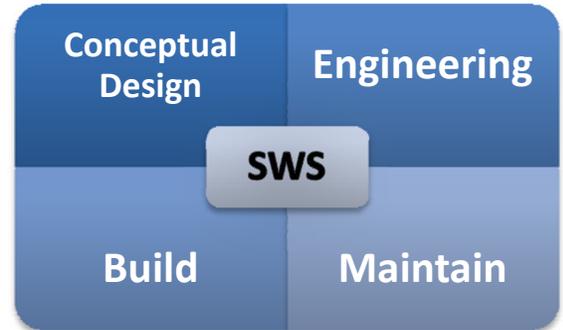
We Like a Good Challenge

Not every site is easily developed. As more and more land continues to be developed, the vacant land which remains for development tends to be ever increasingly more difficult to build on. At SWS we understand this and enjoy the challenge! ***Our knowledge of the public health code and of the most up to date technology gives us the ability to design, install and maintain septic systems successfully on lots that others might not be able to.*** The State of Florida Department of Public Health sets the minimum requirements and standards for soil testing and septic systems. In addition to these requirements some local health departments have additional or more stringent regulations.

The staff at SWS is always available to meet with you to discuss your property and how the local and state regulations influence your project. [Contact us](#) at (813) 785-0500 to discuss how SWS can play a key role in taking your septic project from the initial planning stages through the health approvals process and eventually into construction.

Southern Water and Soils, Products and Services
Residential • Commercial

SWS is your single source solution for services, which means you get accountability from the beginning to the completion of your project. We are able to combine the cost of the engineering, permitting, installation, and maintenance with our full circle of services.



Design and Engineering

When an actual site engineering project is defined either by a concept plan, an architectural study or other means, SWS designs final site plan packages from the simplest single family home addition site plan to more complex, multi-tenanted major shopping center projects. *The design of a new septic system or the repair of an existing system begins with the needs and wants of the client.*

Low Pressure Dosing



The Low Pressure Dosing (LPD) System works well in soils in which gravity flow, conventional systems have failed. Such soils are typically tight clay soils in which there is no evidence of a seasonal high-water table (as evidenced by mottling or discoloration of the soil).

Gravity/ Conventional



The terms Gravity or "Conventional" Septic systems refers to the simplest type of septic system where the water flows (by gravity) from the house to the septic tank and then to a Distribution box or manifold and finally to a trench or bed type absorption field (drain field) where it soaks into the ground.

Chamber Technology



The chambers treat more effluent, more efficiently, in a smaller area. They also have a much greater storage volume and offer a very large surface area for effluent infiltration into the soil and can be installed in tight, sloped and curved areas creating less site disruption to landscaping.

Pumping Systems



In a pumping system, effluent is pumped from the septic tank to the drainfield or to an additional treatment unit. This allows the drainfield or additional units to be uphill from the tank. These systems simplify installation and long-term maintenance. They're corrosion-resistant and durable, constructed of stainless steel, thermoplastics, and fiberglass which reducing lifetime system costs. They also include a control panel that delivers effluent to the drainfield or additional treatment unit in small, even doses all day, improving system performance.



Multi Pipe



Multi-Pipe units allow for exceptional soil contact and are engineered with holes and slots, allowing it to collect and disperse the effluent as it passes over the corrugations in the pipe.

Drip Irrigation



A drip irrigation system is a type of micro irrigation system. The system is operated to maximize the amount of unsaturated flow. This is accomplished by frequent, low-pressure applications of the treated wastewater within the biologically active zone. Under unsaturated flow conditions, there is improved renovation, and aeration of the wastewater.

Proposal and Quotes

Septic system cost varies depending on a number of different factors, such as, the area where you live, the type and quality of the septic system that you want installed, the material costs, fees, and finally the installation cost involved.

SWS will provide you several options and the knowledge you need to help you make that very important decision so that you will have a reliable system that will last you many years.

Soil Evaluations



Following the preliminary septic system sizing, it is then necessary to conduct a soil investigation and analyze the soil characteristics and evidence of groundwater. The results of the soil investigation are then used to determine the soil constraints of the site which in turn allows us to determine the required length and area of the septic system. By conducting the soil investigation in several locations, we are able to design to the client's needs and chose the best area for the septic system. Proper placement of a septic system can result in a substantial cost savings and a quality system that will last for many years.

Since there are many different types of septic system products on the market, we always strive to design the most cost effective system that achieves the client's needs and goals.

Permit Application Assistance

Once the septic system design and associated plans are completed, SWS will submit all required documents to the local health department for health approval. During this process, the health department will typically either request revisions or approve the plans as submitted. Following health department approval, SWS can continue forward with the site planning and building process.

Installation

SWS will install your new system using the highest quality equipment and materials. We pride ourselves in working efficiently and in a timely fashion to ultimately provide our customers with the best value. Our work area will be cleaned up daily and we will provide the rough-grade for your landscaper when we are done. We also offer haul off of excavated debris.

Drainfield and Lift Station Repairs

We provide the following Septic System Repairs:

- Drainfield replacement
- Septic tank rejuvenation
- Drainfield rejuvenation / hydrojetting
- Pump replacements
- Aerobic system repairs



Check with us before you pay for a brand new system. We have successfully repaired many systems where others have deemed non repairable. We will be glad to provide references upon your request.

Septic Systems Cleaned and Pumped



SWS offers more than just pumping out your septic tank(s). We take the time to educate our customers on how their septic system works, and what maintenance is required to maximize life expectancy and keep the system operating at peak efficiency. We also do a general inspection of the entire system to identify current or potential problems - we don't just "pump and run" like other companies might do.

- Our technicians are going to dig up and pump both ends of the tank. Believe it or not, almost every septic tank has 2 ends and 2 lids!
- The technician will clean your filters and inspect your septic tank for any cracks, leaks, fluctuating water levels, etc.
- The technician will also check to make sure the outlet tee is still intact in the outlet end of the tank. Because of the materials that were previously used prior to 1999, the gasses from the tank deteriorate the materials over a 5 - 20 year period. It is imperative that they are replaced with an effluent filter which is made of PVC and will not break down over time. The outlet tee/effluent filter serves as protection from solids/sludge migrating to the drainfield, which will clog it up over time and cost you thousands of dollars.
- The technician will give you a complimentary 1 month supply of Organic Additives so that you can easily recharge your septic system with the good bacteria needed to keep your system in balance.

I  My Neighbor

Special "Good Neighbors" coupon
You and your neighbors can EACH save \$25 on pumping services!
That's right - if you and any of your neighbors (within one mile) schedule pumping services for the same day, you can EACH use this \$25 off coupon and EACH save \$25. So be a "good neighbor" and save \$25 for yourself, and help your neighbors save \$25 too!

Management/ Maintenance Contracts

SWS will customize a management plan for your wastewater treatment system, whether residential, commercial, or industrial. Commercial/Industrial systems require more frequent maintenance. We offer plans that consist of pumping the septic tank(s), cleaning and inspecting the components of your system, repairing or replacing any components of your system when they malfunction, as well as log maintenance records. By participating; you are insuring the integrity of your system, protecting the resale value of your property, and satisfying local and state government agencies. Our Wastewater System Management Service is a great way to promote public relations, by proving that you are a good Stewart to the environment, and protecting public health.

Variances

Many properties, because of size, shape or other physical restrictions, often require variance applications. SWS's engineers and planners work together to complete site plans and application packages for such variance applications. We also provide professional testimony and plan exhibits for testimony regarding use variance applications with Municipal Zoning Boards where the client's proposed use is not permitted by local zoning.

Warranty

SWS will offer a one year or five year warranty from the date of installation where we will repair your septic system at no charge where there is defective material or workmanship as outlined in our warranty booklet at time of purchase.



Options

When it comes to septic systems, there are probably more options than you realize. To a certain extent, the type of septic system you choose is determined by the particular conditions around your home. But it is worth learning about the various options so that you can make an informed decision about the kind of system you would like to have.

Options 1:	Options 2:

Options 3:	Options 4:

SWS provides a highly cross-trained team who exceed our customers' expectations and offers septic services that are designed properly, cost effective, and installed with minimal headaches.



Thank you for considering Southern Water and Soil!