



GRANT COUNTY HEALTH DEPARTMENT ENVIRONMENTAL DIVISION

RESIDENTIAL ONSITE SPETIC SYSTEM PERMITTING AND INSTALLATION PROCESS

- Complete the attached application form. Sign Recessional Moraine Soils form. Return completed application to the Health Department. All applications must include a drawing of the property, and new construction applications must include floor plans for the house. The number of bedrooms and jetted tubs with a capacity ≥ 125 gallons must be clearly indicated on the application and plans. **Incomplete forms will be rejected.**
- Contact a professional soil scientist from the Indiana Registry of Soil Scientists (IRSS) to complete a soil analysis at the proposed septic system site.
- After the soil scientist report and the completed application form are received by the Health Department, the minimum requirements for the septic system will be issued.
- It is required that you select a Grant County Certified/Licensed Septic System Installer to do the installation of the new septic system. The installer will then develop and submit detailed installation plans and drawings to the Health Department. The installer has the option of using a septic system designer or engineer to produce plans/drawings for the system.
- The installer must submit all plans and required documents including a materials list, cross-sectional installation drawing, perimeter drain certification, final cover agreement, and any other documents deemed necessary by the Health Department. The plans must indicate the location of roads, streams, ditches, structures, driveways, swimming pools, ponds, etc. If the site is undeveloped, the proposed locations of the house and any other improvements must be shown on the drawings.
- The plans/drawings will be reviewed by the Health Department, and any additional documentation or information required must be submitted. When the plans have been approved, the septic system permit will be issued by the Health Department. The permit fee is due at the time of issuance.
- **The permit fee schedule is as follows: 1) New Construction--\$150.00, 2) Replacement--\$125.00, and 3) Repair--\$50.00.**
- It is the ultimate responsibility of the property owner to ensure that a septic permit is obtained prior to the start of any work on site. The property owner is responsible for protecting the site from compaction or other impacts to the proper function of the system prior to, during, and after the installation.
- After installation, the property owner is responsible for proper function and maintenance of the septic system. Even a properly installed system may fail at some future point, and maintenance is the key to the useful life of a septic system.

Grant County Health Department-Environmental Division

Listed below are the professional Soil Scientists that are registered with the Indiana Registry of Soil Scientists (IRSS) and work within Grant County. The Soil Scientists are listed in alphabetical order and the order listed is not to be considered a recommendation.

This list is not the entire Roster of Indiana Registered Soil Scientists. For a complete listing please visit <http://www.isco.purdue.edu/irr/roster.html>.

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GRANT COUNTY HEALTH DEPARTMENT-ENVIRONMENTAL DIVISION

RESIDENTIAL ONSITE SEPTIC SYSTEM APPLICATION

NEW CONSTRUCTION	REPLACEMENT SYSTEM	REPAIR SYSTEM
Applicant/Property Owner's Name: _____		
Mailing Address: _____		
Phone Number/E-Mail Address: _____		
Property Owner's Name: _____		
Property Address: _____		
Subdivision _____ Lot or Tract Number _____		
Number of Acres: _____		
Well or City Water: _____		
Phone Number/E-Mail Address: _____		
New Sites ONLY , provide an approximate address:		
Briefly provide directions to the property:		
Number of bedrooms in home (New sites require floor plan submittal): _____		
Number of Jetted Tubs \geq 125 gallons: _____		

GRANT COUNTY HEALTH DEPARTMENT-ENVIRONMENTAL DIVISION

RECESSIONAL MORAINES SOILS IN GRANT COUNTY

The Indiana State Department of Health (ISDH) sent a memorandum, dated June 19, 2011, to sixteen counties in northeastern Indiana stating that Recessional Moraine Soils in these counties may be causing septic systems to fail prematurely and possibly fail immediately upon usage. The counties affected are Adams, Allen, Blackford, DeKalb, Delaware, GRANT, Howard, Huntington, Jay, Miami, Noble, Randolph, Steuben, Wabash, Wells and Whitley.

Recessional Moraine Soils were formed from sediments deposited from glaciers as the glaciers melted while advancing and then subsequently receded. Parts of these soils do not transport water well, and therefore are unsuitable for septic systems. The ISDH has become aware of and has documented premature system failures in these types of soils. The ISDH has advised the Local Health Departments of these sixteen counties that the typical soil analysis, consisting of three soil borings by a professional Soil Scientist, do not always identify these obscure, and sometimes undefined, characteristics. Per the memo of June 19, 2011, "As it is nearly impossible to repair failed onsite systems in the problem Moraine Soils, extra measures must be taken when onsite systems are to be installed in these Recessional Moraine areas". The ISDH has therefore recommended much more extensive analysis of the soil in the areas where the Recessional Moraine Soils are present.

The ISDH has identified twelve soil series which are typically present in areas where Recessional Moraines are located. These twelve soil series cover greater than 80 percent of Grant County, and are especially prevalent to the north and east of the Mississinewa River. If a proposed septic system site is located in one of these soil series, the recommendations of the ISDH include at least two backhoe pit excavations, a minimum of seven soil borings and mechanical laboratory analysis of at least three samples from different horizons in a pit to determine percent of silt, sand and clay. If the soil is still acceptable at this point, modified permeability tests are run on the site. All of these additional tests are at an additional expense to the property owner or applicant.

If there is additional information that the Grant County Health Department can provide to you as the property owner or applicant, please contact the Health Department and we will provide additional information or assistance. If you wish to forego the additional testing highly recommended by ISDH, this release document must be signed and returned to the Grant County Health Department before a permit will be issued.

I, the undersigned, agree to release the County of Grant and its employees, the Grant County Health Department and its employees, the Grant County Health Officer and the Grant County Board of Health and its members, if any lawsuit should be filed in regards to the septic system. If said septic system should fail, I as property owner, agree to accept full responsibility for said septic system, and I agree to repair or replace said septic system in a timeframe set by the Grant County Health Officer. Until said septic system is repaired or replaced, I the property owner do agree to have my septic tank pumped and hauled on a weekly basis until the system is corrected so that wastewater generated in the home does not come to the ground surface or contaminate the waters of Indiana.

I ELECT TO WAIVE FURTHER TESTING, AND I UNDERSTAND THE IMPLICATIONS OF SUCH. I HAVE READ AND UNDERSTAND THE ABOVE, AND I UNDERSTAND THAT NO SEPTIC SYSTEM HAS A GUARANTEED LIFESPAN AND IF IN MORAINES SOILS, COULD FAIL AT ANY TIME.

Signature

Date