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SEPTIC SYSTEMS GUIDELINES

1. **Regardless of acreage size, all septic work MUST have a permit.**
Homeowners installing their own system (10 acres or larger with HCHC training) or Installers must submit the following:
 - Henry County Septic Permit Application (Must be complete and legible)
 - Detailed plan of treatment systemAfter plan is approved and fee is paid a permit will be issued and must be posted at the construction site before any installation begins. New construction 10 acres and under requires a certified engineers plan and a certified soil scientist' profile. Over 10 acres installer or owner can submit the plan. The following information **MUST BE DETAILED** on the plan with appropriate distances from the septic system. All septic work must have a permit and be inspected.
2. Wastewater Treatment systems shall be at least 100 feet away from any potable water source used for human or animal consumption, (except)
 - a) Rural water lines and meters must be 10 feet from septic system.
 - b) Tank should be no closer to house than 10 feet or 15 foot from basement wall with one cleanout between the house and tank.
 - c) Lateral lines must be at least 10 feet from property lines.
 - d) Lagoons must be at least 100 feet from property lines and the residence it serves and 200 feet from all adjoining residences.
3. Septic tank size shall be a minimum of 1,000 gallon.
 - a) All tanks require a 6 inch inspection port over inlet and outlet baffle and terminate at or above ground level and with baffles properly placed.
 - b) The tank must be level and adequate fall on the inlet and outlet line 1/8" per foot is desired when systems are gravity fed. 4 inch SCH 40 PVC used on inlet and outlet of tank past excavation hole.
 - c) There must be a 6" pump-out on the top of the tank, either flush or above ground surface and a manhole riser if tank is 18 inches or more below ground.
 - d) Tanks will be concrete or state approved polyurethane. No metal tanks
4. Distribution box (if used) on level sites must be laid level on rock, solid pipe from box to laterals, if trenches are on different grade then system must be stepped down

with the end connection at least 1 inch higher than the receiving line or use a drop box. All pipes will be sealed water tight.

5. Lateral fields- the minimum lateral footage is 300 linear foot for 2 bedroom house, 400 foot for 3 bedroom house, 500 foot for 4 bedroom house, etc. Conventional laterals are rock and pipe-12" of rock is required under the lateral distribution line. The rock must be at least 1 ½ "clean, washed screened rock.6" of rock is required over the distribution line 2" over the top of the line and 4" around pipe, 8" of straw or synthetic fabric is required to be placed as a breathing barrier on the top of the 6" rick cover over the line. (Tar paper should not be used),EZFlow, Infiltrator chamber or 10" SB2 back fill with un-compacted topsoil and berm up ditches to allow for settling and detouring of surface water, . One inspection port is required in the field. The stand pipe may or may not be connected to the lateral line. This is for a field locator and homeowner observation of the soil saturation capabilities. The trench bottom must be excavated level. On fields with lateral on the same grade the ends should be tied together. Laterals that are not tied together, all ends **MUST** be capped. In poorly drained soils or small lots alternative systems may be required using a registered installer.
6. Lagoons- shall have a tank installed ahead of the lagoon. Minimum size of the lagoon shall be 30x40 feet or 1200 sq. feet and 3 to 5 feet deep, 3 to 1 slope inside and outside. Minimum 4 foot tall fence must be installed. **No discharge pipe allowed.**
7. All installers must be registered with our office and state registered.
 - a) Homeowners who want to install their own systems must also register with our office. Registration includes paying a fee, attending a class and taking a test.
 - b) A current registration list is provided at the Health Department and is available on our website at henrycountyhealth.org.
8. A 24-hour notice is required for an inspection by the Environmentalist. All septic system installations must be inspected in order to be approved. **No backfilling before inspection takes place.**
9. Any deviations must be approved by the Henry County Board of Health Trustees during the regular monthly board meeting.
10. Septic systems installed without a final inspection may result in the system being dug up at the owners or installers expense. Fines may apply.