

REQUIREMENTS FOR PERMITTING A SEPTIC SYSTEM

1. The sewer line from the house to the tank, all fittings and pipe in the tank, all extensions to the surface from the top of the tank and the first 10 feet exiting the tank shall be schedule 40 pipe or heavier. All remaining sewer and lateral lines must be schedule 35 or heavier.
2. The slope of the pipe from the house to the tank may be no greater than ¼ of an inch per foot, but must be at least an 1/8 of an inch per foot.
3. The slope from the tank to the lateral lines is not as critical, but still needs to be about ¼ of an inch per foot. If the slope of any pipe in the system will be more than ¼ of an inch per foot, than the pipe may be stair stepped down with angles of 45 degrees or less.

4. The septic tank must meet minimum size requirements as stated in Bulletin 4-2:

Number of Bedrooms	Without Garbage Disposal (Gallons)	With Garbage Disposal (Gallons)
1-3	1,000	1,350
4	1,200	1,800
5	1,500	2,250
6	1,800	2,700
7	2,100	3,150

5. The septic tank must be watertight with both the inlet and outlet baffles in place.
6. If chambers are used, the chambers need to be completely level. Any slope will cause an uneven distribution of effluent and will lead to early system failure. Rock and pipe systems also need to be level.
7. The lateral lines must be no longer than 100 feet per line.
8. It is recommended that the lateral line be placed as far from all trees or bushes as possible. Roots will grow towards the effluent and plug the laterals.
9. It is required that all chambers be screwed together to keep the chambers from coming apart during the initial backfilling or from settling.
10. Each lateral must have an inspection port to the surface at the end of the run.
11. All septic tanks must have risers brought to the surface. Single compartment tanks must have at least one riser brought to the surface. Multiple compartment tanks must have one riser brought to the surface for each compartment.
12. It is recommended that any part of the pipe that may be driven over is double sleeved to take some of the pressure off of the pipe. **No part** of the lateral lines may be driven or farmed over. This cuts down on early system failure.
13. The system **must** be inspected by a sanitarian from the health department **before** it is covered. The system may be inspected in full or in parts, but every aspect of the system must be inspected before it is covered.
14. On average, the lateral lines can be no deeper than 36”.
15. It is recommended that all septic tanks be equipped with an outlet filter. This is a very inexpensive way to keep sludge from entering and plugging the lateral lines.

For questions for more information contact the Saline County Environmental Services at 309-5813.