

Soil Study for Septic System Suitability

August, 2025

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Parcel # 023010 144 Oswego Road

Franklin County, NC



40 ft



The soil area shown in "Orange" is **Suitable** or **usable** for gravel or "Accepted" gravelless septic trenches on this property for septic system. The soil is loamy topsoil over clay subsoil with soil depths greater than 30 inches from the surface. A three bedroom house generally requires about 3,500 square feet of usable soil for a gravelless septic field without a repair area. With the current house location there is not enough usable soil between the deck and stream setback for a three bedroom house so you may need to move the house closer to the road and/or utilize a different septic field that has a smaller footprint such as the horizontal prefabricated permeable block panel system. This block panel system generally requires about 1800 square feet for a three bedroom septic system and 1200 square feet for a two bedroom system. With some adjustments in house location and/or septic system type the regulator may be able to permit a gravity septic field in the backyard as part of the traditional permitting option.