The potential for subsurface sewage disposal is required to determine soil conditions occurring soils meet the minimal requirements and can be improved sufficiently to meet state health code standards. Improved soil conditions are required for any subsurface installation to reduce nutrient and pathogen losses to groundwater and surface water and enhance public health. Each soil zone is treated as a unit with limitations that can be surmountable using appropriate practices and materials.

High Potential: These soils have no known limitations and can be used for subsurface system installation without any significant restrictions.

Medium Potential: These soils have limitations that can be surmountable using surface disposal or other practices. Subsurface installation can be done if permitted by the local health authority and appropriate investigations are completed.

Low Potential: These soils have one or more limitations, such as low groundwater and depth to bedrock, which may require more extensive investigation and design to determine the suitability of the site.

Very Low Potential: These soils have two or more limitations, such as shallow and deep groundwater, which require extensive investigation and design to determine the suitability of the site.

Extremely Low Potential: These soils have multiple severe limitations, such as high groundwater, shallow and deep groundwater, and depth to bedrock, which may require extensive investigation and design to determine the suitability of the site.

Most soils that have been characterized and are suitable for evaluation have been classified as High Potential. Other soils, which are not currently classified, can be evaluated by the user. The classification can be used as a tool to identify potential problems and to assist in the selection of appropriate evaluation practices and equipment.

HOW TO USE THIS MAP

The map shows the potential for subsurface sewage disposal in the Wallingford area. The map provides a visual representation of the potential for subsurface sewage disposal, allowing for the identification of areas with suitable soil conditions for subsurface installations. The map can be used as a tool for planning and decision-making. The map shows the potential for subsurface sewage disposal in the Wallingford area.

DATA SOURCES

NRCS. 2007. Soil survey map of the city of Wallingford, Connecticut. Available online at the Wallingford city website. The map can be used as a reference for planning and decision-making.

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