

Peapack Gladstone Borough

Soil Ratings for Pond Reservoirs

These ratings are mainly for land planners, municipal officials, developers, and owners or users of land who are responsible for the preparation or evaluation of land use plans or community development, and the competing uses of soils.

Soil ratings for pond reservoir areas are affected by the ability of soils to hold water behind a dam or embankment. Soils suitable for pond reservoir areas have low seepage, which is related to their permeability and the depth to fractured or permeable bedrock or other permeable material.

There were no ratings of Slight listed for Peapack Gladstone.

A rating of moderate means that some soil properties are unfavorable, but can be overcome by careful planning, design and management.

A rating of severe means soil properties are so unfavorable and so difficult to correct or overcome as to require soil reclamation, special design or intensive maintenance. Some properties are so unfavorable for a particular use that overcoming the limitations is most difficult and costly and commonly not practical for the rated use.

Limitations for Pond Reservoirs identified in Peapack Gladstone Borough are:

- * Seepage
- * Slope
- * Depth to Rock

Soil Ratings for Pond Reservoirs

- Moderate
- Severe
- Streets
- Municipal Boundary
- Parcel Boundaries
- New Jersey Transit RR
- Rivers and Streams
- Lakes and Ponds

Data Sources:

Municipal Boundary (2002), Parcel Boundaries (2002), NJ Transit RR (2001) - Somerset County GIS, Rivers and Streams (1995 - 1998), Lakes and Ponds (1995) - NJDEP, US Geological Survey, Soils (1997) - USDA Natural Resources Conservation Service (former Soil Conservation Service)



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