The Aquifer Protection Program, administered by the Connecticut Department of Energy & Environmental Protection (DEEP), was established by the General Assembly to protect the state's groundwater resources. The program is intended to prevent contamination of groundwater to the extent that it will adversely affect the health and safety of the public through disease or injury. The program includes the establishment of Aquifer Protection Areas (APA) to prevent contamination of groundwater by pollutants and to ensure the availability of clean water for public supply. An APA is a designated area on a map that identifies the area containing groundwater in the well field. Final mapping is based on extensive, site-specific, detailed modeling of the groundwater flow system at the well field. Preliminary mapping is based on the same detailed modeling.

The aquifer protection area information services provide access to a variety of groundwater protection area data available from DEEP. The data includes the following:

- Aquifer Protection Area data
- Water well and water company data
- Groundwater flow model data
- Regulatory data
- Spatial data
- Textual data

The data is available for use at 1:24,000 scale and is intended to be used for the purposes of groundwater protection. The data is protected by copyright and is licensed for use by the Connecticut Department of Energy & Environmental Protection (DEEP) and its authorized users. The data is available for download at the DEEP website.

DATA SOURCES:

- Aquifer Protection Area data:
  - Statewide fill is used to create the Aquifer Protection Area digital dataset. The fill is public data maintained by the State of Connecticut.
  - Final area mapping includes the area containing groundwater in the well field and is licensed by DEEP.

- Water well and water company data:
  - Current data is obtained from RIGIS. The current data includes data from RIGIS and from RIGIS.
  - Current data is available for use at 1:24,000 scale.

- Groundwater flow model data:
  - This data is used to model groundwater flow and is available for use at 1:24,000 scale.

- Regulatory data:
  - This data includes regulatory requirements for groundwater protection.

- Spatial data:
  - This data includes spatial data for the purpose of groundwater protection.

- Textual data:
  - This data includes textual information for groundwater protection.

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This map is intended to provide an overview of the groundwater protection areas in Connecticut. The map is based on the digital spatial data provided by RIGIS. The data is protected by copyright and is licensed for use by the Connecticut Department of Energy & Environmental Protection (DEEP) and its authorized users. The data is available for download at the DEEP website.