AQUIFER PROTECTION AREAS
NEWTOWN, CONNECTICUT

EXPLANATION

The Aquifer Protection Program, administered by the Connecticut Department of Energy & Environmental Protection (DEEP), has identified areas throughout Connecticut’s high-quality public water supply and public water supply areas that are underpinned by groundwater flow systems that require additional protection.

In 2019, DEEP conducted an assessment of groundwater to the wells through shallow bedrock and shallow unconsolidated materials and identified the area contributing ground water to the well field. The spatial relationships between these aquifers and the area contributing ground water to the well field, and the intent of this program is to protect the water supplies by identifying the land areas contributing ground water to the well field. The data in the Aquifer Protection Area digital dataset which formed the basis of the Aquifer Protection Areas shown in this map are from the department’s own data, federal and state data, and other public databases. This information does not include protection areas for public water supplies from wells drilled into bedrock, nor public water supply wells that are smaller stratified drift public water supply wells that are less than 1,000 people, public water supply wells that are greater than 1,000 people with dedicated facilities, or public water supply wells that are in municipalities that have adopted a plan for their own protection of the well field.

DATA SOURCES

AQUIFER PROTECTION AREA DATA: Aquifer Protection Areas determine the area contributing ground water to the well field and are based on DEEP’s approval of those areas. This includes shallow unconsolidated material and, where appropriate, the area contributing ground water to the well field.

WELLHEAD PROTECTION DATA: The Bangladesh Wellhead Protection Program is implemented by the Department of Energy & Environmental Protection as required by the Connecticut Safe Drinking Water Act. This program uses data from DEEP’s Water Supply Locations database.

MASSACHUSETTS WELLHEAD PROTECTION DATA: These data are from the Massachusetts Wellhead Protection Program, which may be drawn from the Massachusetts Water Resources Authority’s Water Supply Locations database.

RHODE ISLAND WELLHEAD PROTECTION DATA: These data are from the Rhode Island Water Supply Locations database, as required by the State of Rhode Island’s Water Pollution Control Act.

DEEPUSER: This map was produced as an example of the program’s data and is intended for educational purposes. The area contributing ground water to the well field is defined by the land areas identified as the area contributing ground water to the well field. The data are provided as an example of how the program’s data may be used.

POLITICAL BOUNDARIES: These boundaries are provided for informational purposes only and are not intended to reflect the program’s data or the areas contributing ground water to the well field.

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- Aquifer Protection Area Digital Dataset
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- Map is not colorfast
- March 2019
- SCALE 1:24,000 (1 inch = 2000 feet) when map is printed at original size
- DEEP website for more information on the Aquifer Protection Program and the Aquifer Protection Areas