AQUIFER PROTECTION AREAS
Essex, CONNECTICUT

LEGEND
- Level A Aquifer Protection Area (Final Adopted)
- Level A Aquifer Protection Area (Final)
- Level B Aquifer Protection Area (Draft)

EXPLANATION
The Aquifer Protection Program, administered by the Connecticut Department of Energy & Environmental Protection (DEEP), is a State-level program established to protect Connecticut’s high-quality public water supply and unique hydrogeologic characteristics. The Aquifer Protection Program is designed to protect the groundwater resource in the towns through sound land use and management decisions. The program provides an opportunity to protect the most critical groundwater resources through land use controls within specified zones known as Aquifer Protection Areas.

DATA SOURCES
AQUIFER PROTECTION AREA DATA: Aquifer Protection Areas shown on this map are from the Aquifer Protection Area digital dataset which contains information on areas designated by the DEEP as Level A Aquifer Protection Areas (including both Final and Draft versions). AQUIFER PROTECTION AREA BACKGROUND DATA: The map provides a general overview of the area contributing ground water to the well field. Land use mapping is based on an estimate, not specific, detailed mapping of the ground water flow regime at the well field. Preliminary mapping is combined with digitized data from other sources including land use, soil, geologic, and topographic data. The map has been generated for the department's use and is not intended for public use.

MASSACHUSETTS WELLHEAD PROTECTION DATA: The Massachusetts Wellhead Protection Areas shown on this map were digitized from the Massachusetts DEP's digital database. This dataset includes information about wellhead protection in Massachusetts available from their data program.

RIORDAN ISLAND WELLHEAD PROTECTION DATA: The Rhode Island Wellhead Protection Areas shown on this map were digitized from the Rhode Island DEP's digital database. This dataset includes information about wellhead protection in Rhode Island available from their data program.

SUGGESTED USES
This map is intended to be broad-scale and is suitable for the following uses:
- Planning
- Education
- Fieldwork

This map is not intended to be used for the following uses:
- High-precision land use
- Detailed water supply investigations

AQUIFER PROTECTION PROGRAM: See the DEEP website for the most current information on the Aquifer Protection Program and the Aquifer Protection Areas.

To order printed data, contact the DEP's GIS office at (860) 418-5565 or by email at GISInfo@ct.gov.

Water supply is used extensively by many industries and is critical to the State's economy. The Department is responsible for ensuring the health and safety of our drinking water supply. The Aquifer Protection Program is designed to protect the most critical groundwater resources through land use controls within specified zones known as Aquifer Protection Areas.

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