EXPLANATION

The Aquifer Protection Program, administered by the Connecticut Department of Energy & Environmental Protection (DEEP) is designed to protect and preserve Connecticut’s high-quality public water supplies and the water resources that support them. Multi-agency studies, including those conducted by DEEP and others, have identified groundwaters and surface waters that are vulnerable to contamination by various contaminants of concern, including heavy metals, radionuclides, volatile organic compounds, and pathogens. The Aquifer Protection Program promotes the protection of Connecticut’s high-quality public water supplies through the establishment of Aquifer Protection Areas (AQA), the regulation of land uses within aquifer protection areas, and the establishment of regulations for water supply wells.

DATA SOURCES

AQUIFER PROTECTION AREA DATA - Aquifer Protection Areas digitized from the groundwater vulnerability map published by the Connecticut Geological Survey, the aquifer detection mapping (ADM) database, and the revised aquifer protection area (APA) database.

MASSACHUSETTS WELLHEAD PROTECTION DATA - The Massachusetts Wellhead Protection Area (WHPA) database contains information on wellhead protection areas in Massachusetts as of June 30, 2020. This information includes the boundaries of the WHPA, the number of wells protected, and the number of people served by the WHPA.

RIODE ISLAND WELLHEAD PROTECTION DATA - The Rhode Island Wellhead Protection Area (WHPA) database contains information on wellhead protection areas in Rhode Island as of December 30, 2019. This information includes the boundaries of the WHPA, the number of wells protected, and the number of people served by the WHPA.

AQUIFER PROTECTION PROGRAM - The Aquifer Protection Program is administered by the Connecticut Department of Energy & Environmental Protection (DEEP). The program is designed to protect and preserve Connecticut’s high-quality public water supplies through the establishment of aquifer protection areas, the regulation of land uses within aquifer protection areas, and the establishment of regulations for water supply wells.