AQUIFER PROTECTION AREAS
EAST LYME, CONNECTICUT

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

EXPLANATION
The Aquifer Protection Program, administered by the Connecticut Department of Energy & Environmental Protection in cooperation with the Connecticut Department of Public Health and the U.S. Environmental Protection Agency, establishes quality standards for groundwater to ensure that it remains uncontaminated and is available for public supply. The program protects specific, critical areas of groundwater resources. These areas are known as Aquifer Protection Areas (APAs). The programs for protecting aquifers may include the protection of specific features and areas that are necessary to ensure the quality of the groundwater, such as groundwater-dependent ecosystems, water supply wells, and recharge areas.

The program identifies and maps aquifer protection areas that are critical to the quality and quantity of groundwater resources. These areas are typically delineated based on hydrogeological and environmental criteria. The program uses a process that involves data collection, analysis, and stakeholder input to identify and map aquifer protection areas. The program uses a variety of techniques, including hydrogeological modeling, groundwater remediation, and data analysis, to identify and map aquifer protection areas.

DATA SOURCES
- AQUIFER PROTECTION AREA DATA: The data used for this map is from the Aquifer Protection Protection Program, which contains information about the characteristics of the aquifer protection areas.
- MASSACHUSETTS WELLHEAD PROTECTION DATA: This data is from the Massachusetts Wellhead Protection Program and contains information about the characteristics of the wells and the surrounding areas.
- ESPA COUNCIL DATA: This data is from the Environmental Protection Agency and contains information about the characteristics of the groundwater resources.

This map is intended to be used as a reference for groundwater protection and to assist in the development of groundwater protection plans. The map is intended to be used for planning, engineering, and other purposes. The map is not intended to be used for navigation or for legal purposes.