EXPLANATION

The Aquifer Protection Program, administered by the Connecticut Department of Energy & Environmental Protection, protects the state's high-quality public water supply and wetlands. The Program is supported by DEEP, municipalities and the state community. Use of the map is intended to identify the area conditioning public water supply, contaminated lands, and past, present and future contamination in the area. The map indicates Level C Aquifer Protection Areas (Final), which are identified and the area conditioning ground water flow to the well field. Final mapping is based on extensive, site-preliminary and final Aquifer Protection Area investigations and comprehensive water resources development studies and evaluations. This information is intended to be used in site-specific, detailed modeling of the ground water flow system at the well field. Preliminary mapping is provided for the area conditioning ground water flow to the well field with the most detailed Preliminary mapping.

DATA SOURCES

AQUIFER PROTECTION AREA DATA - Aquifer Protection areas shown on the map are based on the Aquifer Protection Area digital dataset which combines the following datasets to create Level A, Level B, and Level C Aquifer Protection Areas:

1. Level A Aquifer Protection Area Final
2. Level B Aquifer Protection Area Preliminary
3. Level C Aquifer Protection Area Final

Level A Aquifer Protection Areas are developed as a result of comprehensive water resources development studies and evaluations. Preliminary mapping provides a general indication of the area conditioning ground water to the well field. Final mapping is based on extensive, site-preliminary and final Aquifer Protection Area investigations and comprehensive water resources development studies and evaluations. DEEP may alter Final area boundaries to be consistent with updated comprehensive water resources development studies and evaluations. DEEP may alter Final area boundaries to be consistent with updated comprehensive water resources development studies and evaluations. Final mapping is based on extensive, site-preliminary and final Aquifer Protection Area investigations and comprehensive water resources development studies and evaluations.

ENVIRONMENTAL VULNERABILITY PROTECTION DATA - The Environmental Vulnerability Protection Areas are shown on the map. These areas were developed as a result of comprehensive water resources development studies and evaluations. DEEP may alter Final area boundaries to be consistent with updated comprehensive water resources development studies and evaluations.

MAINE HEADWATERS-WELLHEAD PROTECTION DATA - The Maine Headwaters-Wellhead Protection Areas from which may be drawn on the map were developed as a result of comprehensive water resources development studies and evaluations. DEEP may alter Final area boundaries to be consistent with updated comprehensive water resources development studies and evaluations.

RIE PLAINS-WELLHEAD PROTECTION DATA - The Rhode Island Wellhead Protection Areas from which may be drawn on the map were developed as a result of comprehensive water resources development studies and evaluations. DEEP may alter Final area boundaries to be consistent with updated comprehensive water resources development studies and evaluations.

RESIDED PROGRAMS

This map is intended to be used in site-specific, detailed modeling of the ground water flow system at the well field. Preliminary mapping is provided for the area conditioning ground water flow to the well field with the most detailed Preliminary mapping.

AQUIFER PROTECTION PROGRAM - Use of the map is intended to identify the area conditioning public water supply, contaminated lands, and past, present and future contamination in the area. The map indicates Level C Aquifer Protection Areas (Final), which are identified and the area conditioning ground water flow to the well field. Final mapping is based on extensive, site-preliminary and final Aquifer Protection Area investigations and comprehensive water resources development studies and evaluations. DEEP may alter Preliminary area boundaries to be consistent with updated comprehensive water resources development studies and evaluations.