**EXPLANATION**

The Aquifer Protection Program, administered by the Connecticut Department of Energy & Environmental Protection, protects Connecticut's high-quality water supply shall regulate areas where the presence of such activities may pose a threat to the quality of the aquifer. The program applies to areas identified through the use of the 1:24,000-scale USGS 7.5' topographic quadrangle maps published between 1969 and 1992.

A detailed modeling of the ground water flow system, typically performed to identify recharge areas, serves as the foundation for the establishment of Aquifer Protection Areas on a map. Protection areas are strictly monitored and regulated. For example, land use involving aquifers. The spatial relationships between these aquifers, along with the ground-water flow modeling, and then by the Connecticut Department of Energy & Environmental Protection.

This map is intended to be printed at its original scale (1:24,000), and the original scale indicates a ratio of 1 inch to 2000 feet. This scale ensures that the map accurately represents the protection areas that were shown on the quadrangle maps.

**DATA SOURCES**

AQUIFER PROTECTION AREA DATA - Aquifer Protection Area data within this map was obtained from the Department of Energy & Environmental Protection, as well as from the Connecticut Department of Energy & Environmental Protection.

AQUIFER PROTECTION PROGRAM - This map is intended to be printed at its original dimension in order to maintain the 1:24,000 scale (1 inch = 2000 feet).

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**SUMMARY**

The Aquifer Protection Program, administered by the Connecticut Department of Energy & Environmental Protection, protects Connecticut's high-quality water supply shall regulate areas where the presence of such activities may pose a threat to the quality of the aquifer. The program applies to areas identified through the use of the 1:24,000-scale USGS 7.5' topographic quadrangle maps published between 1969 and 1992.