AQUIFER PROTECTION AREAS
MADISON, CONNECTICUT

EXPLANATION

The AQUIFER Protection Program, administered by the Connecticut Department of Energy & Environmental Protection, manages the protection of aquifers which are groundwater bodies that recharge the water supply of the state. Aquifers are critical to the state's water supply and water quality. This program is responsible for protecting these aquifers by identifying areas where they are located and by setting regulations that limit activities that could impact their integrity. The program uses various methods to identify aquifers, including geophysical surveys, hydrogeological studies, and water level monitoring. The resulting information is used to develop aquifer protection areas, which are designated on maps like the one shown here. These areas are intended to protect the quality and quantity of groundwater by limiting activities that could contaminate the aquifers or reduce their recharge areas. The protection areas are based on a combination of geological, hydrogeological, and environmental factors, and are designed to ensure that the aquifers can continue to provide a reliable and safe water supply for future generations.

DATA SOURCES

AQUIFER PROTECTION AREA DATA: Aquifer Protection Areas are delineated on the spatial data base, and this is based on the AQUIFER Protection Program's regulations. This information is used to identify areas where aquifers are located and to set regulations that limit activities that could impact their integrity. The program uses various methods to identify aquifers, including geophysical surveys, hydrogeological studies, and water level monitoring. The resulting information is used to develop aquifer protection areas, which are designated on maps like the one shown here. These areas are intended to protect the quality and quantity of groundwater by limiting activities that could contaminate the aquifers or reduce their recharge areas. The protection areas are based on a combination of geological, hydrogeological, and environmental factors, and are designed to ensure that the aquifers can continue to provide a reliable and safe water supply for future generations.

SAMURHITY AQUIFER PROTECTION AREA DATA: The Massachusetts Water Protection Authority, which is responsible for the protection of the state's water supply, uses the AQUIFER Protection Program's regulations to identify areas where aquifers are located and to set regulations that limit activities that could impact their integrity. This information is used to develop aquifer protection areas, which are designated on maps like the one shown here. These areas are intended to protect the quality and quantity of groundwater by limiting activities that could contaminate the aquifers or reduce their recharge areas. The protection areas are based on a combination of geological, hydrogeological, and environmental factors, and are designed to ensure that the aquifers can continue to provide a reliable and safe water supply for future generations.

AQUIFER PROTECTION PROGRAM: The USGS and the Connecticut Department of Energy & Environmental Protection Work together to identify areas where aquifers are located and to set regulations that limit activities that could impact their integrity. This information is used to develop aquifer protection areas, which are designated on maps like the one shown here. These areas are intended to protect the quality and quantity of groundwater by limiting activities that could contaminate the aquifers or reduce their recharge areas. The protection areas are based on a combination of geological, hydrogeological, and environmental factors, and are designed to ensure that the aquifers can continue to provide a reliable and safe water supply for future generations.

AQUIFER PROTECTION PROGRAM: The USGS and the Connecticut Department of Energy & Environmental Protection Work together to identify areas where aquifers are located and to set regulations that limit activities that could impact their integrity. This information is used to develop aquifer protection areas, which are designated on maps like the one shown here. These areas are intended to protect the quality and quantity of groundwater by limiting activities that could contaminate the aquifers or reduce their recharge areas. The protection areas are based on a combination of geological, hydrogeological, and environmental factors, and are designed to ensure that the aquifers can continue to provide a reliable and safe water supply for future generations.