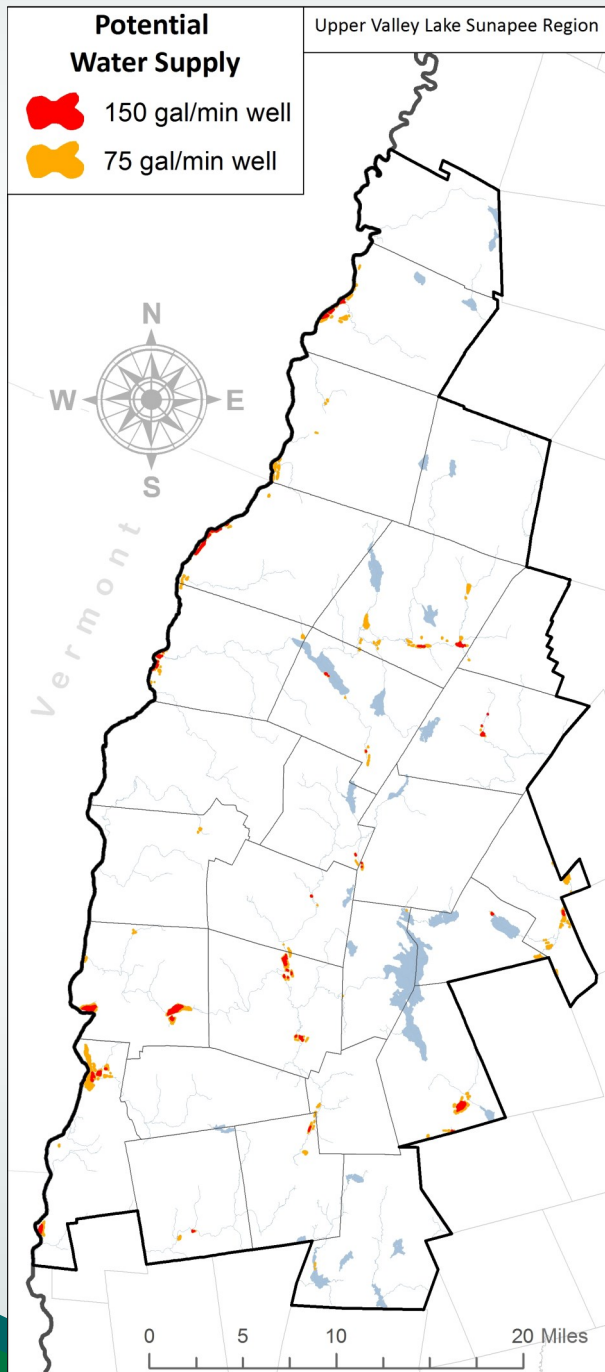




Your Regional Plan

Potential Water Supply Lands in Conservation Environment



Metric:

Towns in the Upper Valley Lake Sunapee Region cover a total of 663,767.6 acres of land. Of that area, 0.26%, or 1,704.8 acres, is potentially suitable for municipal wells. Of the potential sites, 16% or 265 acres are under conservation.

Geography:

Upper Valley Lake Sunapee Regional Planning Commission region

Summary:

Not all locations are suitable for municipal well development. In fact, though a domestic well can be placed in just about any land, the potential well flow rate required for a municipal water supply is found in very few places. There are three primary types of wells found in New Hampshire: bedrock wells, which extend down into bedrock and draw water from cracks in the bedrock; till wells, which drill into the unsorted mixture of earth material which was left by a retreating glacier; and sand-and-gravel wells, which drill into stratified sand and gravel. Only sand-and-gravel wells, also called stratified drift wells, can provide the scale of flow required by municipal wells.

The map on the left shows the land suitable for sand-and-gravel wells.

Data Sources:

DES Favorable Gravel Well Analysis

GRANIT Conservation and Protected Lands

