

Title:

Ground Source Heat Pump Technology and Ground Water

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Presentation

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Land Use Impacts on Private Well Water Quality

Abstract:

Ground Source Heat Pumps (GSHP) are an old technology that is now new again. GSHP systems require drilling and excavation to install heat exchange piping or wells to access the heat (energy) in the near surface. The basics of the technology as a method for heating and cooling a building will be presented. The importance of proper construction and design of GSHP systems in order to protect ground water quality will be emphasized.