



Press Release

For Release:
Immediate

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Geothermal Test Well for the New Discovery Museum in the Park

Winchester, VA 01/21/08 – The Shenandoah Valley Discovery Museum will begin preparations for the new Museum in Jim Barnett Park. On Thursday, January 24th MWD Heating and Air Conditioning, Inc. located in Warrenton, VA will be drilling a test well for the geothermal heating and cooling that will be going into the new Discovery Museum in the Park.

Geothermal heating/cooling requires a minimum constant temperature of 40°F to operate the system efficiently. Most ground depths of about eight feet maintain the same temperature year round. The new Discovery Museum in the Park will require 30 wells for its geothermal heating and cooling system. MWD will be drilling a test well to determine the composition of the ground, and the depth at which there is a constant temperature to draw from.

The Shenandoah Valley Discovery Museum is dedicated to preserving childhood, promoting lifelong learning through play, and building social capital in its community. The new building itself will be a teaching tool. Many factors – sun, wind, earth, water, and gravity – influence building in the environment. Visitors will see how this building interacts with its environment through its exposed structure; use of solar, geothermal, and wind energy; and other building systems and technologies. The *Discovery in the Park* project has community wide appeal for all those who support learning for children and families. The new Museum will provide unparalleled opportunities for children to explore in exciting, safe and innovative learning environments.

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