

FURNACE BROOK NO. 1 REPLACEMENT WELL

Owner: Water Division, Department of Public Works
Marshfield, MA
2007

Contact: Roderic Procaccino, Town Engineer
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PROJECT DESCRIPTION

Our work for the Marshfield Department of Public Works included design and construction services for the complete replacement of an old well supply. The project included a new 1.0 mgd gravel-packed well and pumping station plus demolition of the old station and abandonment of the original well. The pumping station houses the new 24-in. by 36-in. gravel-packed production well, SCADA control facilities, ultraviolet-light disinfection and corrosion control using hydrated lime. Facilities also include volatile organics removal by granular activated-carbon pressure filters, housed in an adjacent structure. The station was placed in service in 2007.

