

## FERRY STREET NO. 2 NEW SOURCE APPROVAL AND PUMP STATION

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

**Contact:** Roderic Procaccino, P.E., Town Engineer  
870 Moraine Street  
Marshfield, MA 02050

**Telephone:** 781-834-5589

**Key Personnel:** David A. Jacobsen, P.E.  
Ryan J. Trahan, P.E.

### PROJECT DESCRIPTION

Our work for the Marshfield Department of Public Works included development of a new wellfield supply (0.7 mgd) from investigating test well work through Massachusetts Department of Environmental Protection's (MADEP) New Source Approval (NSA) process. The NSA included a prolonged pump test and preparation of the Source Final Report. The supply includes a naturally-developed wellfield consisting of eight 8-in. wells, a pump station including pumping and treatment work utilizing ultraviolet light (UV) for disinfection and hydrated lime for corrosion control/pH adjustment.



## FAIRGROUNDS NEW SOURCE APPROVAL

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Marshfield, MA 02050

**Telephone:** 781-834-5589

**Key Personnel:** David A. Jacobsen, P.E.  
Patrick G. Brennan, P.E.

### PROJECT DESCRIPTION

Our work for the Marshfield Department of Public Works included permitting a new water supply well (300 gpm) through Massachusetts Department of Environmental Protection's (MADEP) New Source Approval (NSA) process. Included in the NSA process was preliminary testing and installation of test wells, Notice of Intent submission to the local Conservation Commission, Request for Site Exam, prolonged pumping test, Source Final Report with Zone II delineation and an Environmental Notification Form.

