

MEMORIAL WATER TREATMENT PLANT

Owner: Water Department
Avon, MA

Contact: John Tetreault, Superintendent
65 East Main Street
Avon, MA, 02322

Telephone: 508-588-0414

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

PROJECT DESCRIPTION

Our work on the Memorial Water Treatment Plant project has included pilot testing, design and engineering services during construction for a new water treatment plant. Pilot testing included evaluation of two membrane filtration (ultra-filtration) and two pressure filtration processes for iron and manganese removal and evaluation of one granular activated carbon filtration process for MTBE removal. Two vertical turbine pumps and interfacing with an existing SCADA system are part of the project. Construction of the Water Treatment Plant is currently on-going and completion is scheduled for Fall 2009.



SEEKONK WATER TREATMENT FACILITY

Owner: Seekonk Water District
Seekonk, MA

Contact: Robert Bernado, Superintendent
Water Lane, Box 97
Seekonk, MA 02771

Telephone: 508-761-8167

Key Personnel: David A. Jacobsen, P.E.
Richard S. Johnson, P.E.

PROJECT DESCRIPTION

Our work for Seekonk Water District included pilot testing, design and services during construction for a new water treatment plant. Pilot testing included evaluation of membrane filtration (ultra-filtration) and three pressure filtration processes.

Design of the Seekonk Water Treatment Plant included membrane filtration, as manufactured by Zenon Environmental, Inc., to treat 4.5 mgd for removal of iron and manganese and for corrosion control.

The project included a PC-based SCADA system controlling the treatment plant operation and linking it to nine remote facilities including well pumping stations, storage tanks and booster pumping station.

The plant has been in service since April 2001.

