

## SEEKONK WATER TREATMENT FACILITY

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**Owner:** Seekonk Water District  
Seekonk, MA

**Contact:** Robert Bernado, Superintendent  
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**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.

