



Water Supply

Professional, Innovative, Practical

Supply, Treatment, Storage, Distribution



Otter Creek Engineering provides solutions for our public and private clients' water supply needs. Whether it is a 1.2 million gallon per day surface water treatment facility, a new gravel well to serve an historic village center, a water line upgrade or lead and copper control at an elementary school, our engineers address each system's problems in ways that are both cost-effective and operator-friendly.

Our staff has extensive skills in the planning, design, permitting and construction engineering of many types of water supply projects. Our experience includes:

- Demand analysis
- South development
- Water treatment, (including filtration and chemical addition)
- Storage facilities
- Pumping facilities
- Distribution systems

Tri-Town Upgraded While Servicing the Community

The **Tri-Town Water District's Treatment Facility** in Addison, Vermont had reached its capacity. Otter Creek Engineering analyzed the District's current and projected needs, and designed a facility upgrade that creatively integrated new filtration and control technology within the existing structure while maintaining the system's treatment and pumping capacity throughout construction.

The background and experience of Otter Creek Engineering's professional allow us to provide complete project services. In addition to engineering design services, we can assist clients with funding applications, permitting, construction bids and oversight. We have the flexibility to adjust our level of management services to meet each clients' needs.

The Otter Creek Engineering staff has extensive experience with state and federal regulatory requirements that impact large and small water supplies. Our long-standing relationships with regulatory authorities and familiarity with design requirements facilitate the design, permitting and operation of our clients' water supply systems.



New Pump Station to Meet Wilgus State Park's Water Needs

Demand at the **Wilgus State Park** in Ascutney, Vermont had exceeded the capacity of the facility's *water supply*. Otter Creek Engineering designed storage and pumping systems that meet the needs of the Park's day and overnight users. The new pump station was designed to match the architecture of the Park's historic buildings constructed by the Civilian Conservation Corps during the Great Depression.



Leland & Gray Union High School Water System Improvements

The **Leland & Gray Union High School's water supply** failed to meet the requirements of the USEPA's Lead and Copper Rule. Otter Creek engineering evaluated the water quality parameters and designed a cost effective treatment system that brings the school into compliance with regulatory requirements.



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