



The 3.0 mgd Brattleboro Surface Water Treatment Facility, completed approximately 10 years ago, is in need of upgrading. In response to this need, Dufresne Group evaluated numerous water quality, process, and treatment facility issues to develop a comprehensive plan for facility renovations and improvements.

ITEMS ADDRESSED

- Potential installation of filter to waste capabilities.
- Taste and Odor problems and solutions.
- Manganese removal alternatives.
- Objective assessment of fluoridation issues to assist the community in decision making for the potential implementation of the fluoridation treatment.
- Coagulation system modifications and pilot investigations.
- Miscellaneous site and building issues.
- SCADA system improvements to automate the facility and reduce operational costs.
- Pilot activities for possible installation of surface water aeration in Vermont.
- Proactive planning to identify necessary improvements to comply with the Interim Enhanced Surface Water Treatment Rule.