



Wastewater Collection, Pumping, Treatment, Residuals, Controls & Monitoring

At Haley Ward, we understand the critical importance of **efficient and reliable wastewater management** for municipalities. Our team of engineers and designers across New England and Florida use their experience to work with clients on approaches that work for their communities.

Municipal wastewater is generated from residences, businesses, industries, institutions, or any other wastewater producer. Depending on the needs of the municipality, wastewater treatment systems can vary in size or type and are complex in design. As systems age and demands increase, wastewater systems must be upgraded to fill those needs. Haley Ward engineers and designers work with the particular needs and future goals of communities to develop and upgrade wastewater systems tailored to their needs.

SERVICES PROVIDED:

- Design & Implementation of Complete Wastewater Management Plans
- Evaluation of Existing Infrastructure – Collection, Pumping & Treatment
- Facilities & System Planning
- Pump Station Rehabilitation
- Permitting/Licensing/Regulatory Compliance
- Residuals Management
- System Upgrade & Design
- Odor Control
- Process Controls & Instrumentation
- System Startup & Troubleshooting
- Infiltration & Inflow Reduction
- Supervisory Control & Data Acquisition (SCADA) System Development & Maintenance
- Consultation on Wastewater Pre-treatment
- Sewer System Evaluations/Rehabilitation
- Treatment Plant Energy Efficiency Evaluations
- Piloting of New Treatment Technologies
- EPA-approved Sampling Protocols
- Review for Conformance to Local, State & Federal Standards



Our Partnership Approach:

Highly Experienced: We provide design services to improve wastewater system performance while making full use of available assets.

Lifecycle Understanding: From initial designs to maintenance, an understanding of wastewater systems is crucial. Regular evaluations of pump stations and pipelines help identify a system that is not functioning correctly to reduce excessive leakage or corrosion.

Tailored Approach: We work with communities to identify the goals and future needs to design an approach that is appropriate for the needs of the community.

