WATER – Wastewater Services

In addition to helping you develop new, technologically advanced wastewater treatment plants and collection systems, we assist in rehabilitating, upgrading and expanding existing facilities. HR Green offers services throughout your project's life cycle.

HR Green provides comprehensive wastewater services to move public and private projects from conceptual planning through design, financing, permitting, construction, start-up and operation.

We assist clients with new, technologically advanced wastewater treatment plants and collection systems, aging treatment and collection infrastructure, higher design flows, compliance with current and future NPDES permits, and implementation of improvements to match funding.

When it comes to maintaining the viable operation of treatment and collection systems, we work with you to get your facility running and help streamline the process.

We are a trusted advisor for clients from project inception to final completion, always seeking the most economical solutions and streamlined processes.
WASTEWATER SERVICES

- **Planning + Feasibility Studies**
  HR Green has extensive experience in wastewater treatment plant studies, master plans, preliminary and final designs and construction phase services for wastewater projects.

- **Collection System Assessment**
  A keen understanding of your current collection system is critical when improvements are required. We understand how to analyze systems and materials that may be causing challenges in conveyance or treatment.

- **Collection System Rehabilitation**
  When a collection system is aging, problems can begin to surface because of intrusions or outdated technologies. HR Green understands how to solve inflow and infiltration issues through rehabilitation design, for a more reliable, efficient and thorough system.

- **Pump Stations**
  Regardless of project size, our goal is to maximize the benefits clients receive for their investment. We constantly look for ways to provide the best overall value in engineering, construction, and operations and maintenance costs.

- **Treatment Facility**
  HR Green can help you address needs such as upgrading or modernization of existing, as well as complete design of new facilities. Our approach to facility design is proactive, offering energy saving initiatives that strategically invest dollars into process upgrades.

- **Process Modeling**
  When designing, upgrading and optimizing wastewater treatment plants, it is critical to tie together biological, chemical and physical process models to help make sound decisions and meet your treatment objectives.

- **Anaerobic Digestion + Biogas**
  Treating and pumping wastewater ranks near the top of energy needs for municipalities. HR Green can design anaerobic digestion solutions for wastewater treatment and also understands how to put the resulting biogas to work for you, meeting some energy requirements of your treatment facility.

- **Regulatory Assistance + Permitting**
  Participation in the permitting process and coordination with regulatory agencies is a necessary step in wastewater projects. We have full knowledge of each state’s requirements and processes, as well as local and federal permitting agencies.

- **Construction Phase Services**
  Our construction personnel have provided construction observation for water plants, water towers, wastewater treatment plants and improvements, interceptor improvements, water main replacements, and sewer separation projects.