



water



BASIC TO LIFE

In constant demand, water is one of our most critical natural resources. All known forms of life depend on water, making it a valuable commodity around the world. Used for drinking, bathing, irrigation, recreation and industrial applications, water is a resource that must be protected so communities and industries can continue to thrive and grow.

The efficient, responsible use of water and the protection of its quality have been core businesses at HR Green for nearly a century. Safe drinking water, clean rivers and flood protection are just a few of the goals we achieve for our clients. HR Green provides water, wastewater and water resources consulting to meet the needs of communities and industries. From feasibility studies through construction and operation, we help our clients obtain reliable water supplies, meet governmental regulations and protect people and property.

HR Green delivers sustainable strategies to protect our clients' interests, human welfare and the precious resources of the Earth.



Water has been a core business of HR Green for nearly a century.

CLEAN WATER IS EVERYBODY'S BUSINESS

HR Green provides comprehensive water services to move public and private projects from conceptual planning through design, financing, construction, start-up and operation. Since most projects involve several technical disciplines, our team includes diverse specialists; from engineers to hydrogeologists, planners and environmental scientists. We evaluate both proven methods and new, alternative technologies to find a solution that best fits our clients' needs. We pay attention to the business aspects of every water-related challenge, protecting the interests of our clients.

Potable Water Services

- Aquifer Evaluation
- Master Planning
- Groundwater Modeling
- Environmental Management
- Rate Studies
- Production Wells (Vertical & Collector)
- Source Development
- Treatment
- Storage
- Security
- Pumping Stations
- Distribution System Modeling and Design

Potable Water: Whether for potable or process use, HR Green helps our clients develop affordable, high-quality water supplies. Our comprehensive services range from master planning and modeling to source development, treatment, distribution and storage.

HR Green helps develop potable and process water supplies from a wide range of sources: lakes, rivers, reservoirs, and deep and alluvial aquifers. From small communities to major industries and metropolitan cities, we pay attention to the unique business concerns of each client. We understand that water, so basic to life, is also an important financial enterprise for both public and private sector clients.

Wastewater Services

Wastewater: Wastewater collection and treatment are critical in protecting our public health and natural resources, and doing so cost-effectively is critical to the client's bottom line. In addition to helping each client develop new, technologically advanced wastewater treatment plants and collection systems, we assist in rehabilitating, upgrading and expanding existing facilities. Our engineers strive to maximize the use of existing structures and equipment and minimize disruption of service during the construction process. Our wastewater services cover the full range of public or private client needs: facilities planning, rate studies, permitting, collection system and treatment facility design.

- Facilities Planning
- Infiltration/Inflow Studies
- Rate Studies
- NPDES Permitting
- Treatment
- Collection System Modeling
- Pumping Stations
- Combined Sewer Separation
- Construction Management
- Pilot Studies
- Process Evaluation

HR Green serves clients in the public and private sectors throughout the United States.

Water Resources: The HR Green team of water resource engineers balances development needs with national resource protection and regulatory compliance. Our services include stormwater and erosion control improvements, storm sewer design, pond design, alternative BMP design, pump station modeling and design, stream and wetland restoration and water resource planning studies. We have extensive BMP design experience, including designs for rain gardens, infiltration basins, filtration trenches, and stormwater treatment trains. We combine all these services to also provide comprehensive flood protection plans for clients to protect them from future flood events. Our team is fully qualified to meet water resource needs in ways that are accountable to the client schedule and budget.

Water Resources Services

- Surface Water Management
- Hydrologic and Hydraulic Analysis
- Watershed Studies/Master Planning
- Streambank Stabilization
- Stormwater Best Management Practices
- Wetland Delineation and Mitigation
- Permitting
- Flood Protection and Control
- Transportation and Urban Drainage
- Stormwater Compliance Reviews





HR Green tackles water, wastewater and water resource challenges with a careful business approach. We are accountable to help our clients achieve viability, sustainability and success.

BUSINESS ACCOUNTABILITY



Toll Free **800.728.7805**
Learn more at HRGreen.com

transportation
water
governmental services
senior living
energy

HR Green is a professional engineering and technical consulting firm serving clients throughout the United States and beyond. We enjoy a longstanding reputation for business accountability. We are a privately held, employee-owned company, fully committed to the success of our clients and the well-being of our employees.

Business accountability means that we partner with our clients to create viable facilities and healthy enterprises that are truly sustainable for the client.

We work this way with every client, whether in the public or private sector, and at every step of their journey: design, construction, ownership and operation.