



# HRGreen

Key to Your Success  
**water resources**



Sustainable management of water resources is an important key to economic success and HR Green is there to help you achieve your goals. Our services protect people and property from water damage, prevent degradation of water resources, and restore vital aquatic systems. These services can set your community apart as a uniquely livable place in which to reside and do business. We give you a competitive edge by helping you comply with emerging regulations and harmonize your growth and development with the environment.

## 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





## +Protect

Water is a paradox – vital to life, yet a potentially destructive force. Many infrastructure failures can be traced to inadequate stormwater and floodwater management. Our hydrologists and hydraulic engineers use the latest technology to model the outcome of rainfall events and protect infrastructure, people and property from flood damage. Through floodplain mapping, levee design and certification, watershed master planning, bank stabilization, and design of storm sewer and pumping systems, we've helped numerous communities protect critical infrastructure and public/private property.

## +Prevent

Stormwater Best Management Practices (BMPs) prevent erosion of valuable land and the degradation of precious water resources. Our staff includes nationally recognized experts in Low Impact Development techniques. We tailor every BMP application to meet the attributes and limitations of its location. We've designed many award-winning BMP projects involving rain gardens, infiltration basins, filtration trenches, grit chambers and treatment trains. We have also designed ponds, enhanced sand filters, swales, wetlands, and vegetative BMPs where appropriate. In all cases, we understand that no BMP can truly be called "sustainable" unless it is affordable, constructible and maintainable for the client.

## +Restore

Some of our most rewarding projects have involved the restoration of aquatic systems to their natural ecologic functions. These projects have included stream and river bank stabilization, re-establishment of lost meanders, pond and lake restoration, and restored wetlands. Communities often rally around such projects, invigorated civically by the pride that arises from shared environmental stewardship. Many municipalities also recognize the economic and health benefit of restoring water resource systems that serve as drinking water sources. For private developers, a restored water feature can differentiate a development as a more attractive and livable environment than competing developments.



Toll Free **800.728.7805**  
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