



Delivering Clean Water for Communities



CAN SUPPLY AND STEWARDSHIP COEXIST?

Water is a cornerstone of life. In some communities, however, access to this priceless resource is an endless struggle. With water projects' unique infrastructure and regulatory demands, innovation isn't a luxury. It's essential.

For more than fifty years, Haskell has partnered with communities and businesses to solve even the most vexing water issues. For one community, the solution is design-build or construction management at-risk of a state-of-the-art wastewater treatment facility. For another, it's a water plant that provides potable water to the community. In each case, we carefully balance public safety and environmental security for the healthiest community possible.

Our process promises on-time, on-budget delivery. Here's how.





RISK REDUCTION

Protecting Resources with Ingenuity

JEA, the seventh largest utility provider in the US, serves customers across four counties, including the Jacksonville metropolitan area. When the utility embarked on a plan to protect its water source from saltwater intrusion, they selected Haskell to plan and complete the immense, risk-laden project. The work comprised one of the nation's most extensive horizontal directional drilling operations to date—installation of more than 6,500 feet of 36-inch pipe, sixty feet under the St. Johns River and along its east and west banks; and a jack and bore installation of a 54-inch casing under an expressway thoroughfare. JEA's transfer of significant environmental and schedule risks meant more than being able to satisfy water needs. The complex project was completed without disrupting high-value sports tourism events.

DESIGN-BUILD

Ensuring Exceptional Supply and Performance

In developing a new 8-MGD water treatment plant to service the City of Annapolis, we enveloped an aging plant into a state-of-the-art facility designed to LEED® Silver standards with no disruption to operations or service. Design-build construction yielded the City significant efficiencies in both schedule and cost — saving more than \$18 million from the project's projected \$50 million budget. Our distinctive facility solution limited energy consumption while utilizing the most modern technology and hydraulics available. Due to the collaborative planning and design-build process, the City realized decades of cost-saving operational benefits in addition to upfront construction savings.





CONSTRUCTION MANAGEMENT AT-RISK

Expediting Compliance with Cost Savings

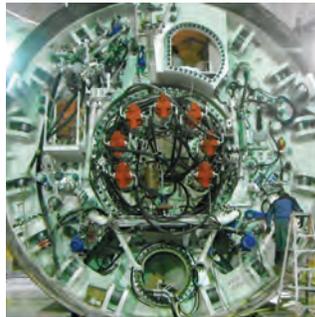
The .9-MGD Point Peter Wastewater Treatment Plant, owned by the City of St. Marys, repeatedly exceeded discharge limits and turned to Haskell for a solution. The City selected delivery via construction management at-risk to accelerate the project schedule, and expedite regulatory approval and permitting. In less than 12 months, we doubled the facility's capacity to 1.8-MGD. Immediately following the successful upgrade, St. Marys began a 4.0-MGD expansion, again selecting Haskell using construction management at-risk to mitigate the cost. Ultimately, the City faced no fines and finally achieved a long-term solution to its capacity and compliance issues.



VALUE ENGINEERING AND INNOVATION

Improving Design to Generate Value

When the Navy partnered with Haskell to upgrade the Indian Head Wastewater Treatment Plant in order to meet the requirements of the Chesapeake Bay Restoration Act, the risks were tremendous. Not only was the plant pivotal to protecting a 64,000-square-mile watershed, the facility needed to maintain operations and compliance during construction. Designed to LEED® Silver standards, the expansion was completed via design-build within 24 months and achieved all budget and schedule requirements despite interruption from three natural disasters. The project team began by re-evaluating existing facility plans and proposing alternative solutions to address gaps in criteria—generating more than \$1 million in Owner capital savings.



PROGRAM AND CONSTRUCTION MANAGEMENT

Finding the Long-Term Solution

Columbus, like many American cities, struggled with a long-out-grown sewer infrastructure. While the Ohio municipality lacked the personnel to effectively manage such a massive public works project, action was necessary as sewer overflows were impacting the nearby Scioto River. The City turned to Haskell for help. Our sustainable and very successful solution boosted the system's capacity with a 4.4-mile-long tunnel to control overflow. By teaming with our project management professionals, from project onset through completion, the City realized an important benchmark: annual overflows into the river were reduced by 97 percent.



SELF-PERFORMANCE

Establishing Standards for Quality and Safety

When the Frederick-Winchester Service Authority planned to upgrade a water reclamation facility, we helped them capture revenue through the project. The completed \$45 million facility, which will boast improved energy efficiency and reduced operating costs and landfill waste, will serve the high strength waste treatment needs of local manufacturers. Despite the challenging sequence of work, our ability to self-perform approximately 50 percent of the project scope, including installation of major equipment, miscellaneous concrete and demolition, and replacement of numerous systems, ensured quality without disrupting operations on one of Virginia's first energy performance contracts.



CONTINUOUS OPERATION

Fulfilling Operations Amidst Growth

When the City of Warner Robins chose Haskell to upgrade the Sandy Run Creek Water Pollution Control Plant, it wasn't a leap of faith. They needed an experienced partner to keep the plant operational while the larger, upgraded facility surrounding it came to fruition. While our ability to maintain permitting and compliance on an active site was critical, the City also realized additional benefits in the 3-MGD upgrade. Most notably, the project was completed on a compressed schedule and saved millions from the original estimated cost.

PROGRESS AND PROTECTION ARE VITAL TO WATER QUALITY

Water distribution systems face unrelenting pressure every day. Many municipalities struggle to balance demand and stewardship, let alone manage the massive undertaking of a multi-million dollar capital improvement. With an experienced partner like Haskell, you can move with confidence. Whether planning for growth or ensuring regulatory compliance, we help municipalities like yours realize new opportunities within water management — every day.

Safe, reliable water management strengthens communities. Together, we can transform that philosophy into a viable strategy for managing your municipality's water with confidence.

Let's find the water
management solution
that's a perfect fit.

(904) 791-4500





“The Haskell team was the most proactive and effective contractor that we have been associated with. The entire project staff maintained a professional attitude and a willingness to go the extra mile.”

LINDA ATCHINSON

NAVFAC Contract Specialist - NAVFAC Washington



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