

# Water & Wastewater

## All Services In-House To Take You From Concept Through Completion

Florence & Hutcheson works with both public and private entities to expand and improve the functionality of their utility-based service infrastructure. With practical planning and timely implementation, our experienced project teams can assist you in optimizing the use of our precious water resources through the full spectrum of F&H in-house engineering services. Our areas of specialty include:

### Water & Wastewater Planning

- Potable Water System Source Studies & Master Planning
- Wastewater Regional Facility Planning
- GIS-based Municipal Comprehensive Planning, Water Distribution System Modeling, Sanitary Pump Station & Force Main Modeling
- Sanitary Sewer System Evaluation Studies (SSES)
- Treatment System Evaluations
- Utility Rate Analysis
- Mobile Confined Space Entry Unit
- Wastewater Flow Measurement Installation & Data Management
- Funding Source Project Development

### Project Design Development

- Wastewater Treatment & Outfall Permitting
- Water Treatment & Source Water Development
- Potable Water Distribution, Transmission, Storage & Pumping Systems
- Sanitary Sewer Collectors, Interceptors, Pump Station & Force Main Systems
- Full-scale Geotechnical Field Services, Reporting & Recommendations
- Water, Wastewater & Natural Gas System Utility Relocation (DOH & Municipal Projects)
- Non-Destructive Sanitary & Storm Sewer Testing & Rehabilitation
- Regulatory Permitting & Utility Route Environmental Surveys

### Construction Contract Administration

- Construction Contract Procurement as Owner's Agent
- Contractor Review & Construction Engineering
- Resident Construction Inspection & Photographic Documentation
- Quality Control Testing & Activity Monitoring
- Record Drawing Development & CADD Delivery
- Final Inspection & Issuance of Regulatory Certifications

