



WATER & WASTEWATER

Ulteig's water and wastewater practice has helped a growing list of public and private clients meet the challenges of delivering potable water to their communities and clean water to the environment since 1970. Our engineers, technicians, and operators provide the experience and innovation to develop dependable water and wastewater infrastructure solutions through a complete range of planning, design, and operational services.

Population growth, climate change, regulatory mandates, and aging water and wastewater infrastructure are some of the biggest challenges facing society today. Our water and wastewater specialists are experts in the industry and can help you overcome these challenges.

WATER

- Supply
 - Ground water wells
 - Surface water sources
 - Intake structures
 - Horizontal collector wells
 - Alternate water supplies
- Distribution
 - Master planning
 - Capital improvement plans
 - Water storage facilities
 - Pumping stations
 - Transmission mains
 - Distribution mains
 - Regional systems
 - Corrosion control
- Treatment
 - Facility planning
 - Process optimization/audits
 - Water treatment facility design
 - Granular filtration
 - Softening
 - Chemical feed
 - Membrane systems
 - Disinfection
 - Residuals management

- Specialized water services
 - Water distribution modeling/analysis
 - Fire flow assessments
 - Distribution system field testing
 - Instrumentation and controls
 - Vulnerability assessments
 - Regulatory compliance
 - Rate studies
 - Funding assistance
 - Operations consulting

WASTEWATER

- Collection
 - Master planning
 - Capital improvement plans
 - Inflow/infiltration studies
 - Sanitary sewer evaluation studies
 - CMOM compliance
 - Sewer separation
 - Trenchless technologies

- Conveyance
 - Pump station design
 - Pump station optimization and rehabilitation
 - Flow control structures
 - Inverted siphons
- Treatment
 - Stabilization ponds
 - Activated sludge
 - Attached growth systems
 - Nutrient removal
 - Disinfection
 - Biosolids management
 - Odor control
 - Water reuse
- Specialized wastewater services
 - Sanitary sewer system modeling
 - Smoke/dye testing
 - Pump performance testing
 - Instrumentation and controls
 - Rate studies
 - Funding assistance
 - Regulatory compliance
 - Permitting
 - Operations consulting