

Drinking Water and Wastewater



Water scarcity poses significant challenges. Like you, however, we know that compliance and water quality goals can result in both savings and efficiencies. Serving as water resource experts for over 30 years, we've delivered award-winning operations and maintenance (O&M) services for industrial, private, and municipal drinking water and wastewater treatment systems nationwide.

Our comprehensive engineering, regulatory compliance, and capital project management support services include capacity and flow analyses, permit renewals, major permit modifications, design and construction of facility expansions, compliance issue negotiations with regulatory agencies, in-house compliance audits, acquisition due diligence, and inflow/infiltration surveys. With state-licensed and certified operators, we can assist you with your on-demand needs—whether it's a one-time survey/consultation or intensive 24/7 monitoring. We can also provide proactive planning. Our five- and ten-year capital improvement forecasts can pinpoint your capital investment needs for each of your drinking water and wastewater treatment facilities. And with cross-connection and backflow prevention surveys designed to safeguard your potable drinking supplies and our straightforward business approach, we prioritize and implement repairs, replacements, and mitigation initiatives you need. And for additional value, we can train your staff to repair backflow devices and identify potential cross-connection concerns.

We understand all facets of the environmental liability and risks you face. And because of that, we make every effort to ensure cost-effective and efficient operations that also minimize exposure to non-compliance violations. We are diligent about immediately correcting agency-identified deficiencies while providing timely, accurate reporting and permit documentation.



Technical expertise and responsiveness are our specialties. In fact, our team is frequently called to diagnose and repair challenges our competitors have missed or failed to correct. And when natural disasters such as hurricanes, tornadoes, and flooding strike, we are often the first emergency responders called to assess and address any treatment facility impacts.

Representative Services

Wastewater System Services

- Full Service Contract Operations and Maintenance (O&M)
- Wastewater Audits
- Infiltration/Inflow Analyses
- Sewer System Evaluation Surveys
- Plant Capacity Analyses
- Sewer System Master Planning
- Operations and Needs Reviews
- Nutrient Removal Systems
- Chlorination/Dechlorination
- Alternative Disinfection Systems
- National Pollutant Discharge Elimination System (NPDES) Permit Applications and Review
- O&M and Safety Manual Development
- System Start-Up, Analyses, and Optimization
- Computerized O&M Programming
- Conventional Pollutants Treatment
- Nitrogen and Phosphorus Removal
- Biosolids Stabilization, Storage, and Removal
- Toxic Substances Removal
- Volatile Organic Compound (VOC) Removal
- Aeration System Retrofits
- Pilot Studies
- Instrumentation and Control Design
- Pretreatment
- Industrial Use Surveys
- Pretreatment Programs
- Flow Monitoring and Sampling
- Safety Program Development
- Wastewater Minimization and Recovery
- Land Application Management Plans
- Residuals Handling
- Publicly Owned Treatment Works (POTW) Pretreatment and Sampling
- NPDES Permitting/reporting
- General Permit Evaluation and Application
- Wastewater System Design
- Industrial Process Wastewater Treatment Design, Permitting, and Installation
- Resource Conservation and Recovery Act (RCRA) Management
- Wastewater Impoundment Systems

Drinking Water Systems Services

- Full Service Contract O&M
- Development of New Groundwater Supplies
- Well Site Surveys
- Wellhead Protection Planning
- Systems Optimization
- Regulatory Compliance
- Pilot Studies
- Instrumentation and Control Design/System Programming
- Treatment Plant Design
- Treatment Expansion Design and Capital Improvements
- Plant Rehabilitation and Modifications
- Needs Evaluations and Capacity Analyses
- O&M and Safety Manual Development
- Operator Training
- Cross-Connection Surveys
- Chlorine Systems Disinfection
- Troubleshooting and As-Needed Assistance
- Public Water Supply Evaluations and Design
- Public Water Supply Well Design and Certification
- Process Design for Water Supply Systems for Bottling Plants

Utility Engineering Consulting

- Troubleshooting and As-Needed Operations Assistance
- Sewer and Water Utility Evaluations
- Operator Training
- System Start-Up
- Development and Implementation of Pretreatment Programs
- Laboratory QA/QC Programs
- Preventative Maintenance Programs: Controls, Telemetry, Instrumentation, Computer Controls, and Electrical Services
- Operations Optimization Programs
- Infiltration/Inflow Analyses
- Cross-Connection Surveys
- Acquisition Due Diligence

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