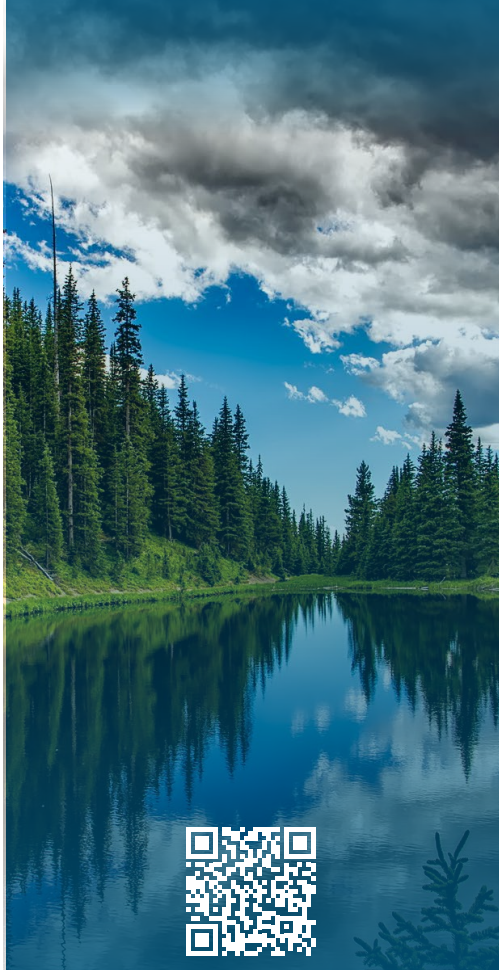
Geosyntec consultants

ABOUT GEOSYNTEC WATER SOLUTIONS

We help our clients maximize the value of water by combining innovation, proven practices, and sustainable strategies to deliver resilient solutions, address competing demands, and manage scarcity and over-abundance.



For more information
geosyntec.com/markets/water

Clients facing complex water-related challenges need effective and sustainable solutions. Practitioners in Geosyntec's Water Practice collaborate with clients to understand their needs and support them throughout the life cycles of their projects. Our experts develop functional tools to meet remedial objectives while maintaining, protecting, and delivering reliable and sustainable water resources for clients and communities.

We use award-winning, technology-based strategies tailored to each client's needs, aimed at lasting water quality. Our practitioners address complex issues with effective, sustainable solutions to current and future environmental challenges.

Founded in 1983, Geosyntec is a consulting and engineering firm that works with private and public sector clients to address new ventures and challenging problems involving our environment, natural resources, and civil infrastructure. With a combined staff exceeding 2,800 engineers, scientists, and related technical and project support personnel, we serve our clients from more than 130 offices in the United States, Canada, the United Kingdom, Ireland, Sweden, Finland, Spain, Saudi Arabia, the United Arab Emirates, and Australia.

Geosyntec's experienced staff are uniquely positioned to provide exceptional water management solutions in all our client's geographical regions and have an excellent understanding of our clients' businesses and of regulatory environments they face.

CLIENTS RELY ON GEOSYNTEC FOR THE FOLLOWING WATER SOLUTIONS:

- Water & Natural Resources Management
- Water Supply & Resilience
- Surface & Stormwater Management
- Water Management in Energy Transition
- Industrial Water
- Water in Manufacturing Management
- Water & Wastewater Treatment and Process Engineering & Design
- Groundwater Assessment, Remediation, Modeling, and Design
- Municipal Water, Wastewater, and Water Reuse
- Water Rights
- Permitting
- Clean Water Act Compliance (CWA)
- Per- and Polyfluoroalkyl Substances (PFAS), Microplastics & Emerging Contaminants in Water
- Mine Water
- Data Centers
- Power Generation
- Coastal & Waterfront
- Dams, Levees & Conveyance Systems
- Pilot and Bench Testing
- Ecological Restoration
- Flood Analysis & Mitigation
- Nature-Based Solutions
- Source-Water Protection

Geosyntec is expertly qualified with a history of exemplary quality of service, relevant experience, strong local presence, and outstanding industry leadership.

MUNICIPAL WATER, WASTEWATER, AND WATER REUSE

Geosyntec consultants

Geosyntec supports federal, state, and local municipal government departments, agencies, and authorities. We design and implement practical and innovative solutions that help our clients meet management objectives and resolve the site-specific technical challenges.

For more information
geosyntec.com/markets/government/government-municipalities-counties-local

Geosyntec understands that local governments must provide a reliable water supply for their customers. Municipalities seek us out to provide multidisciplinary services to support water reliability, as well as to provide innovative treatment solutions that address conventional and emerging pollutants. Our experts provide a range of services from water resource planning and infrastructure design to water delivery solutions.

WHY GEOSYNTEC?

Innovative Solutions

We collaborate with our clients to create beneficial projects that protect and enhance water supply resilience, reduce "lost" water, and meet strict wastewater discharge limits.

History of Success

Since our founding in 1983, Geosyntec has been a reliable partner to municipalities and local and regional agencies throughout the United States. Whether the project addresses a regulatory issue or involves fast-paced design delivery, we work closely with municipal clients to address today's water challenges and deliver successful projects.

OUR SERVICES

Planning

- Resilience planning and disaster recovery
- Integrated water supply development and management
- Water source portfolio diversification planning:
  - Recycled water
  - Desalination
  - Stormwater reuse
  - Managed aquifer recharge (MAR)
  - Contingency systems
- Wastewater, stormwater, and groundwater treatment
- Watershed management
- Groundwater basin management
- Stormwater management and reuse
- Groundwater and surface water modeling

Design and Project Delivery

- Groundwater and surface water treatment design
- Well design and maintenance and well field optimization
- Water distribution system planning and design
- Wastewater treatment
- Water reuse planning and design

Litigation Support

- Third-party reviews
- Expert reports
- Expert witness testimony

Regulatory Support

- Indirect potable reuse (IPR)
- Direct potable reuse (DPR)
- Treatment plant discharge
- Treatment plants
- Production wells
- Industrial pretreatment planning
- Compliance monitoring program development, implementation, and optimization

Grant Writing and Management

- Pre-award activities, including preparation of grant work plans, application for federal assistance, and grant budget management
- Quarterly reports and annual reports to track progress and support funding
- Disadvantaged business utilization reports
- Financial status reports
- Eligibility determinations and database entry
- Narrative of funding and project success
- Environmental justice and Justice 40 plans and reporting
- Technical design and requests for proposal documents
- Community outreach support for public meetings and one-on-ones with stakeholders