

# Water Resources Services

## Services

- Hydrodynamic and Hydrologic Modeling
- Water Resources Permitting
- Watershed Assessment and Management Planning
- TMDL Development and Advocacy
- Point and Nonpoint Pollutant Load Reduction
- Data Collection, Analysis, and Management
- Stakeholder Outreach and Participation
- Financing Options

ATM's environmental engineers and scientists address all issues involving water resources. We provide effective data collection, analysis, and presentation of water parameters, offering both the regulators and the regulated community a better understanding of the hydraulics and hydrodynamics of water bodies. In servicing public and private clients, ATM works to foster a comprehension of watershed systems and balance the highest priority uses in each watershed and water body.

From sensitive headwaters to coastal estuaries, ATM provides focused and tailored data collection, assessment, modeling, management planning, alternatives analysis and regulatory guidance. We recognize that regulatory requirements and technical tools alone cannot always generate the desired outcome. Consequently, ATM regularly partners with state agencies, municipalities, private entities, and the public to jointly develop management programs for water bodies and their associated watersheds.

Accurate data and interpretation are key for making sound environmental decisions, whether a user is applying for a permit or a regulator is imposing lower limits for effluent sources. ATM's team designs and implements water sampling and monitoring plans to provide comprehensive and up-to-date environmental data. ATM professionals regularly employ such data in sophisticated computer models that allow for the most accurate representation of flow dynamics, point- and nonpoint-source impacts, and other parameters and effects influencing water bodies.

ATM's technical staff understands the TMDL development process. They have demonstrated expertise in numeric and narrative standards, hydrology and hydraulics, and pollutant transport and source control, as well as the legal, social, and implementation aspects of the TMDL program. Applying innovative ideas and the latest technologies, ATM provides solutions for attaining and maintaining water quality and designated uses for water bodies.

