



Water-Based Investigation Services

Construction and environmental marine projects create unique challenges. **ATL's** experienced staff and fleet of barges, survey vessels, and specialized equipment have met the challenges of collecting subsurface and spatial information in marine environments.

ATL provides a variety of water-based investigation and sediment sampling techniques, including vibracore, split spoon, Lexan core, and ponar dredge samplers. Other specialized services include bathymetry; velocity and current studies; turbidity, temperature, and pH monitoring; and discrete water column sampling.

Why ATL?

- ♦ **ATL** has performed water-based subsurface investigation projects throughout the Northeastern United States, in salt and fresh water environments.
- ♦ Extensive experience includes the New Bedford Harbor, Upper Hudson River, and St. Lawrence River Superfund sites.
- ♦ **ATL** can fulfill the environmental and geotechnical investigation requirements of a project by mounting our CME-45, CME-55, or CME-75 drill rigs on a variety of barge configurations.

Services Include:

- ♦ Sediment sampling to support navigational and environmental dredging
- ♦ Sediment sampling for remedial design, monitoring, and verification
- ♦ Sediment transport modeling
- ♦ Monitoring instrumentation (e.g., wire piezometers, turbidity meters, wave height monitors)
- ♦ Geotechnical investigations for new construction (e.g., dams, bridges, piers)

ATL is a full-service firm offering a comprehensive line of technical support services. These include storm water pollution prevention planning, environmental services, surveying, subsurface investigations, geotechnical engineering, special inspection services, construction materials engineering and testing, pavement engineering, and nondestructive testing from our ten offices.



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Think Quality