



LIST OF SERVICES

Established in 2001, FB Environmental Associates is a consulting firm that specializes in directing environmental planning, assessment, monitoring, mapping, modeling, and restoration projects in freshwater, estuarine, and marine ecosystems in the northeastern US and Canada. FB Environmental is committed to providing reasonably priced, high-quality, professional products while maintaining close communication with our clients. One of our greatest assets is our ability to work with great attention to detail and meet the specific needs of our clients, project partners, and the public.

ECOLOGICAL SERVICES

Wetlands & Streams

- Local, state, & federal permitting
- Riparian planting planning
- Stream channel & floodplain mapping
- Vernal pool assessments
- Wetland delineation, mapping, & restoration

Ecological Assessments

- Amphibian & reptile surveys
- Cover type identification & mapping
- Invasive species mapping & planning
- Habitat restoration planning
- Macroinvertebrate monitoring
- Natural resource inventories

Conservation Land Management

- Baseline documentation
- Easement monitoring
- Stewardship training
- Trail & property mapping

ENVIRONMENTAL MONITORING

Surface and Groundwater Monitoring

- Continuous data logger monitoring
- Stream flow monitoring
- Stream geomorphic & habitat assessments
- Total Maximum Daily Load (TMDL) assessments

- Water quality monitoring & analysis

Industrial & Compliance Monitoring

- Illicit Discharge Detection & Elimination (IDDE)
- Microbial Source Tracking (MST)
- MS4 permit compliance monitoring
- Stormwater Pollution Prevention Plans (SWPPP)

Data Management, Modeling, & Mapping

- Data interpretation and database management
- Data quality assurance and quality control
- Drainage delineations
- Pollutant load modeling

MAPPING SERVICES

GIS Mapping & Analysis

- CommunityViz buildout analysis
- GIS analysis (topographic, watershed, viewshed, land use, impervious cover)
- Land use analysis
- Large & small format digital mapping

MARINE SERVICES

Marine Sciences

- Coastal ecosystem monitoring
- Intertidal and subtidal studies
- Marine mammal management
- Scientific diving

Marine Industry Support

- Aquaculture support (e.g., site selection)
- Cooperative marine research
- Fishing industry engagement & outreach

ENVIRONMENTAL & COMMUNITY PLANNING

Watershed Management

- Best Management Practice planning & implementation
- Watershed management plans
- Watershed, shoreline, septic, & nonpoint source surveys
- 319 grant writing & management

Stormwater Management

- Municipal ordinance review & development
- Stormwater retrofit surveys
- Technical assistance for businesses & homeowners

Community Planning

- Community buildout analysis
- Grant writing & fundraising
- Master plans & open space plans
- Partnership building & stakeholder participation
- Public meeting facilitation & community outreach

CLIMATE CHANGE & RESILIENCY

Monitoring and Planning

- Climate change monitoring
- Communicating climate science
- Research & analysis of climate change impacts
- Municipal resiliency planning
- Resiliency & vulnerability analyses
- Recommendations for adaption strategies
- Stakeholder engagement, consultation, & capacity building
- Support for planning, design, & implementation of climate resilient infrastructure

FB Environmental Associates

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