

Biological Monitoring & Assessment Services



ESS Group, Inc. routinely conducts a wide range of assessments designed to quantify, evaluate, and understand the biological and ecological resources of a particular habitat, geographic area, or individual site. These services are often performed to establish baseline conditions, monitor and minimize potential impacts during construction or operation of a project, measure the success of implemented restoration plans, and comply with regulatory requirements.

ESS staff has designed and implemented over 500 different biological monitoring programs for clients such as municipalities, state agencies, federal agencies, golf courses, commercial developers, lake and watershed organizations, and energy producers and developers.

Biological Assessments

- Algal and Zooplankton Sampling and Analysis
- Amphibian and Reptile Studies
- Aquatic, Wetland, and Terrestrial Plant Studies
- Avian Surveys
- Submerged Aquatic Vegetation Studies
- Fish Community Assessments
- Freshwater and Marine Macroinvertebrate Sampling, Identification, and Analysis
- Inland, Coastal, and Marine Habitat Evaluations
- Marine Benthos and Shellfish Studies
- Marine Mammal and Sea Turtle Observation/Monitoring
- Threatened and Endangered Species Investigations
- Wetland Function and Value Assessments
- Wetland Resource Identification/Delineation
- Vernal Pool Studies



Analysis & Management

- Algal Bloom Management
- Aquatic Toxicology Investigations
- Fish Community and Habitat Restoration
- Fish and Wildlife Impact Assessments
- Impact Mitigation Strategy and Design
- Invasive/Exotic Plant Management Programs
- Rare Species Mitigation
- Wetland Creation, Mitigation, and Monitoring

