

Ecological Services



Integrated environmental approaches to advance your project.

Groundwater & Environmental Services, Inc. (GES) has a 37-year track record of helping clients achieve regulatory success by delivering practical solutions in the areas of environmental planning, permitting, compliance, and construction support. GES Ecological Services staff have degrees (many with advanced degrees) in environmental science, zoology, biology, wildlife ecology, environmental geography, natural resource management, wildlife and fisheries resources, applied ecology, environmental engineering, forestry, and horticulture. These professionals are highly experienced and accomplished and include Professional Wetland Scientists, Certified Wildlife Biologists, Certified Arborists, FAA-qualified Wildlife Biologists, and Rosgen-trained Natural Stream Designers. supported by geologists, engineers, and technicians to provide complete environmental solutions. Our typical projects include:

- **Ecological Risk Assessments.** GES develops ERAs (and similar ecological risk evaluations) under both EPA and state guidelines at hazardous waste and fuel-release sites.
- **NEPA Documentation.** GES takes the project through the entire NEPA process for a variety of projects, including highways, utility lines, and airports.
- **Waters of the U.S. Delineations and Permitting.** GES staff have performed thousands of stream and wetland delineations pursuant to the Clean Water Act and several state programs and have developed permit applications and Mitigation Plans for many of them.
- **Stream and Wetland Mitigation Banks and Projects.** GES' Rosgen-trained Stream Designers and Professional Wetland Scientists have designed, constructed, and monitored streams and wetlands across the country.
- **Protected Species Habitat Evaluations and Surveys.** GES Ecological Services staff are experienced in evaluating habitat for protected species and, where needed, performing presence-absence surveys and guiding the project sponsor through mitigation action.
- **Biological and Natural Resource Surveys.** GES performs a broad variety of surveys for flora and fauna, sensitive habitats, and resource mapping in all types of aquatic and terrestrial settings.
- **Wildlife Hazard Management.** GES provides wildlife hazard management for airports and conducts avian risk assessments and wildlife management for towers and other facilities where wildlife could pose a conflict.
- **NPDES Permitting.** GES professionals are highly experienced in developing NPDES permit applications and monitoring for wastewater and stormwater discharges.
- **Environmental Inspection/Construction Monitoring.** GES Ecological Services staff routinely perform construction monitoring for new pipelines and other infrastructure that impact land or water. The oversight typically ensure that wetland impacts are mitigated or avoided, and impacts on protected species are avoided.

