

## Natural Resources

Consideration of the natural environment can improve project development efficiency through minimizing impacts and reducing costly permitting. Zephyr's capable natural resources staff routinely navigates through the federal, state and local requirements that regulate activity that serves to protect our natural resources.



### ECOLOGICAL SERVICES

Zephyr has the capabilities to perform a wide range of ecological services for a variety of clients. Our staff is trained in the fields of ecology, biology, geology, toxicology and geographic information systems. Our staff is qualified to perform a broad spectrum of ecological services including:

- Threatened or Endangered Species (Habitat Assessments, Presence/Absence Surveys)
- Wetland Delineations
- Baseline Surveys
- Mitigation Planning
- Constraints Analysis

### GEOLOGICAL SERVICES

The proper evaluation and thorough understanding of the natural environment often requires in-depth knowledge of the subsurface. Zephyr employs several registered professional geologists who have gained extensive experience in providing geological services such as:

- Karst Surveys
- Geologic Assessment
- Edwards Aquifer Recharge Analysis
- Cave Closure Plans

### FEDERAL PERMITTING

Zephyr's Natural Resources staff has prepared numerous permit applications over the last twenty years for a wide variety of clients and projects. Our federal permitting experience includes the following:

- U.S. Fish and Wildlife Service
  - Section 7: Consultation
  - Section 10: Habitat Conservation Plan
- U.S. Army Corps of Engineers
  - Section 404: Clean Water Act (Nationwide / General Permits)
  - Section 10 and Section 408: Rivers and Harbors Act

### DOCUMENT PREPARATION

Zephyr has prepared environmental documents that range from desktop ecological literature reviews to extensive environmental assessments. Zephyr's staff can prepare a document to meet all applicable regulations including:

- National Environmental Policy Act
  - Categorical Exclusions
  - Environmental Assessments
  - Findings of No Significant Impacts
- Clean Water Act
  - Pre-Construction Notifications
  - Wetland Delineations Report
- Endangered Species Act
  - Biological Assessment
  - Conservation Plan
- Federal Energy Regulatory Commission Resource Reports
  - Fish, Wildlife, and Vegetation
  - Geological Resources
  - Soils
  - Alternatives

*Assisting clients worldwide with their EHS consulting, training, and data systems needs.*

