



Biological Surveys and Assessments



Native Plants, Rare Plants, and Wildlife Analysis

Headway Environmental can conduct the biological surveys and assessments you need to ensure your project complies with federal, state, and local laws. Our experts are fully certified and hold the required permits to deal with regulated plants, terrestrial wildlife species, and aquatic wildlife species.

We have coordinated biological surveys and assessments with environmental and wildlife agencies at all levels of government. We can provide impact analyses, biological assessments, avoidance/minimization plans and measures, and mitigation solutions to help keep your project on schedule.

Native and Rare Plant Surveys

Headway Environmental's botanists have conducted native and rare plant inventories and surveys within many habitats across the United States.

Our comprehensive approach includes:

- Extensive online research
- Aerial photography
- UAV mapping of plant communities
- Pedestrian surveys for protected plants

Terrestrial Wildlife Surveys

Headway Environmental's ecologists and terrestrial wildlife professionals are fully versed in the survey methodologies applicable to a wide range of terrestrial wildlife species including birds, mammals, reptiles, and amphibians.

Our terrestrial wildlife survey capabilities include:

- Transects
- Plot surveys
- Timed meander lines
- Visual encounter surveys
- Wildlife impact assessments

Aquatic Wildlife Surveys

Headway Environmental's aquatic biologists can survey your project site and environs to identify species, assess potential impacts, and develop plans to avoid, minimize, or mitigate those impacts.

Our ecologists have conducted aquatic wildlife surveys for a wide range of species including:

- Macroinvertebrates
- Fish
- Amphibians
- Reptiles
- Freshwater mussels

Special Status Listed Species Surveys

Headway Environmental's ecologists have earned the certifications and hold the permits needed to survey special status listed species during your pre-planning process. We'll identify species, assess the potential impacts, and recommend action to avoid, minimize, and mitigate those impacts.

Our special status listed species survey capabilities include:

- Initial screenings
- On-site habitat assessments
- Presence/absence surveys
- Site-specific studies

US Fish & Wildlife Service (USFWS) Biological Assessment Reports

Headway Environmental are qualified to survey the wildlife habitats potentially impacted by your project activities and develop inventories of special-status species. Should a Biological Assessment (BA) be required, our experienced ecologists will lead the process.

Our USFWS biological assessment and reporting capabilities include:

- Coordination with USFWS
- Oversight in accordance with the regulations governing impacts on specific habitat and ecosystems
- Biological Assessments (BA) to support Biological Opinion (BO)

Migratory Bird Treaty Act (MBTA) Surveys and Compliance

Headway Environmental can provide MBTA surveys and compliance services to assess the status and distribution of protected bird populations and species within your project area. We will monitor and document bird breeding, nesting, and migratory patterns to determine the potential impact of your project activities and develop plans to avoid, minimize, or mitigate those impacts.

Noxious and Invasive Plant Surveys

Headway Environmental's ecologists have experience conducting noxious and invasive plant surveys in accordance with the regulations in many jurisdictions. We'll provide surveys and document plant presence on your site.

Streamline your path to environmental approvals.

Contact Headway Environmental today.

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