

Wetland Restoration

Our Wetland Services

Wetland Mitigation and Restoration: Mitigation for wetland impacts is frequently a necessary part of project planning given today's rules governing impacts to wetlands and other aquatic resources. EnviroScience wetlands scientists encourage clients to identify strategies to avoid and/or minimize construction impacts to wetlands. When impacts are unavoidable, EnviroScience develops project-specific mitigation plans which may include mitigation banking, in-lieu fee arrangements, or wetland creation. When wetland creation is the preferred option, ES can complete turnkey wetland creation services including analysis of wetland functions and values, site selection, water budget, design, construction, plantings, invasive species control, and submission of required reports to USACE. EnviroScience's design-build approach allows our biologists to be involved in projects from start to finish ensuring that the completed project meets the client's needs.



Wetland Permit Applications/Water Quality Certification Applications: Projects requiring unavoidable impacts to wetlands require USACE and/or EPA approval. EnviroScience prepares and submits application packages for clients applying for Section 404 permits, Section 401 Water Quality Certifications, and Isolated Wetland Permits. EnviroScience biologists have an excellent reputation with regulatory agencies based on decades of quality work, and this reputation helps obtain approvals in a timely manner.

Delineation Services: EnviroScience has performed wetland delineations on properties ranging in size from one to 6,000 plus acres, from nearly pristine to severely-disturbed landscapes. EnviroScience scientists are fully trained using the current methods of wetlands delineation (according to the 1987 USACE Delineation Manual and current Regional Supplements) and survey techniques using a state-of-the-art Trimble® differential GPS. GPS data collection allows ES to prepare wetland maps without the need and additional cost of traditional survey teams. Wetland maps are prepared using AutoCAD® or ArcGIS® software and are available in digital format to ensure compatibility with construction drawings.

EnviroScience provides a wide range of wetland services to clients in a variety of industries such as oil, gas and energy corporations, engineering and design firms, development companies, legal firms and public agencies. EnviroScience's extensive (9 fulltime personnel) staff of wetland scientists enable ES to tackle even the largest projects and most challenging deadlines.

Our wetland services include:

- Regulatory consulting
- **Site assessments**
- **Mapping services**
- Habitat quality evaluations (ORAM, VIBI, QHEI, HHEI, AmphIBI, etc.)
- Vegetation surveys
- **404/401 & isolated wetland permitting**
- **Mitigation planning & design**
- Planting plans
- Mitigation monitoring
- Invasive species control
- Wetland restorations
- Construction of living shorelines
- And more!

In Action



Bottom: One
year after
wetland
restoration
in McDavid,
FL

Need help with your project?

Contact our Ecological Restoration Group Manager Julie Bingham at **(330) 858-0298** or fill out the form below.

Our experts are here to discuss your needs and how we can help you move your project forward. Fill out the form below for more information on our services or to request a quote and we'll get back to you within 24 hours. If you need a response within an hour or less, please call us at 800-940-4025.

Your Name (required)

Your Email (required)

Subject

Project Location (required)

Your Message