



## WETLAND DELINEATION

As a Louisiana-based firm, T. Baker Smith (TBS) has a century's worth of experience navigating projects of all complexities through the wetlands that surround our communities. Because wetlands make up such a large portion of Louisiana's ecosystems, wetland delineations play a crucial role in the planning and permitting stages of many projects, serving as an essential process to ensure wetlands are protected.



### + Our Process

TBS biologists perform comprehensive wetland evaluations to determine the boundaries where upland areas transition into regulated wetlands, which allows our clients to properly plan, avoid, or mitigate regulated wetlands within their geographic project footprint. Following strict guidelines set down by the US Army Corps of Engineers and the Louisiana Department of Natural Resources, our biologists evaluate a variety of factors that define a wetland, including hydrology, soil characteristics, and vegetation. Additional studies that may be required as part of the permitting process, such as an Endangered Species Surveys, can also be performed concurrently with the Wetland Delineation. Once the wetlands indicators are sampled and mapped, a report outlining TBS' professional assessment of the impacted area is sent to the US Army Corps of Engineers for review and concurrence, determining whether or not the project will move forward as proposed.

### + Our Professionals

TBS employs a diverse environmental team comprised of experienced biologists, scientists, and environmental professionals with environmental and wetland experience ranging from five years to 20 years. Brady Trahan, PWS, lead professional in our Lafayette office, holds the Professional Wetland Scientist certification, a designation that recognizes him as an individual qualified to assess and manage wetland resources around the world. Additionally, TBS' employs two Registered Environmental Professionals and one licensed Professional Environmental Engineer.

### + Our Recent Experience

#### Wetland Delineation for LNG Liquefaction Project

A Louisiana liquefaction facility required environmental and regulatory consulting services to add liquefied natural gas exporting capabilities. TBS performed biological and environmental surveys, including wetland delineations, at the project site to collect data for the Environmental Impact Statement and Federal Energy Regulatory Commission filing, as well as local, state, and federal regulatory permit applications. TBS identified potential marsh creation sites to offset the wetland impacts caused by the project, and as a result, over 250 acres of brackish marsh will be created for this project.

#### Wetland Delineation for 281-Mile Proposed Pipeline

TBS is providing professional integrated services for a proposed pipeline in Louisiana. Environmental surveys, including wetland delineations, are being conducted along the proposed 281-mile pipeline route. Field data will be compiled into a wetland delineation report that will include copies of all data sheets and a wetland map depicting the location of wetland boundaries and sample points. The drawing will also show acreages of wetlands, uplands, and other waters comprising the delineated area. TBS is preparing a total of four wetland delineation reports.