NFWF | Gulf Environmental Benefit Fund

ALABAMA

Wolf Creek Headwaters Restoration - Phase I

This project will complete the engineering and design phase of a project to improve water quality within the Wolf Creek headwaters. This project area is the largest source of artificially high sediment runoff to Wolf Bay, an Outstading Alabama Water. The project would consist of approximately 7,000 linear feet of stream restoration/stabilization, 36 acres of riparian wetland restoration, and a constructed wetland with floodplain enhancement encompassing the major headwaters of Wolf Creek. The headwaters restoration, stabilization, floodplain and wetland enhancement will reduce pollutant and stormwater impacts to Wolf Bay from increased stormwater runoff that is the result of rapid development of the City of Foley over the past two decades. Increased floodplain functionality during storm events will facilitate improved hydrologic function and prevent the harmful effects of future erosion within the watershed.

This project will also restore habitat and water quality that has suffered degredation from nutrients, erosion, and sedimentation. The Wolf Creek watershed was identified as a high priority restoration area under the Mobile Bay NEP's watershed management planning effort. Improvements to water quality in the headwaters area are projected to significantly reduce sediment and nutrient loading to Wolf Creek and Wolf Bay, important habitat for both finfish and oysters.

Credit | City of Foley

This project aims to restore the hydrology of the Wolf Creek Headwaters, pictured to the right, by restoring eroding streambanks and reducing nutrient and sediment loads.

AT A GLANCE

RECIPIENT:
City of Foley

AWARD AMOUNT:
$500,000

PARTNERS:
Mobile Bay National Estuary Program

Wolf Bay Watershed Watch

LOCATION:
Baldwin County

AWARD DATE:
November 2020

STATUS:
Active

PROGRESS UPDATE:
Selected subcontractor is beginning preliminary site assessment.

The Gulf Environmental Benefit Fund (GEBF), administered by the National Fish and Wildlife Foundation, supports projects to remedy harm and eliminate or reduce the risk of harm to Gulf Coast natural resources affected by the 2010 Deepwater Horizon oil spill. To learn more about GEBF and view a comprehensive project map go to **www.nfwf.org/Gulf**