



Roberts Field Restoration

Location

Roberts Field Wet Pond is a wet facility constructed in 1987 located at the intersection of North Woods Trail and Boxwood Drive. The drainage area to this facility is approximately 46 acres, of which almost 22 acres are impervious. The facility is considered a community amenity; however, the open water provides a thermal impact to the receiving stream. Additionally, the embankment of the facility presents a potential hazard to the infrastructure below it.

Description

This project proposes the construction of an innovative wet pond/submerged gravel wetland facility and the creation of 877 linear feet of stream channel. By designing a hybrid system, water quality can be achieved both in a standing wet pool as well as the active volume above the outlet control. Thermal impacts can be mitigated by discharging through the submerged gravel wetland.

Project Engineer

Wallace Montgomery

Contractor

TBD

Project Budget

Engineering—\$199,791.00

Updates

The design of this project is being finalized.

The National Fish and Wildlife Foundation awarded the County \$50,000 towards the design of this project.

The Department of Natural Resources Chesapeake & Atlantic Coastal Bays Trust Fund awarded \$1,000,000 towards the construction of this project.