

WINDSOR RIDGE STREAM STABILIZATION

Background

This project will restore and stabilize an eroded stream channel located near Windsor Farm Elementary School. In addition to the benefits stated below, it serves as a condition for the Federal permit to dredge Whitehall Creek.

This is an integral component of the County's permitted obligation to identify and reduce pollutant sources to the Bay. Eroding and incised stream channels are a continuous source of sediment and nutrient pollution inhibiting the Bay's recover. The technique employed in this project, and throughout the County's stream restoration program, essentially raises the stream bed, thereby raising the groundwater levels providing for a series of sand and cobble step pools that filter the pollutants from the stream prior to its outfall to the Bay. Monitoring and evaluation of this technique has shown to be effective for removing pollutants, restoring groundwater levels, and improving habitat.

Benefits

- Stabilize eroding outfall
- Improve water quality
- Improve habitat
- Re-establish groundwater levels

Project Status

- Design complete
- Permit acquisition phase



Project Information

Project Manager	Dennis McMonigle (410) 222-7908
Design Consultant	Biohabitats, Inc.
Contractor	TBD
Inspection Manager	TBD
Total Estimated Project Cost	\$785K
Design Notice to Proceed	October 2006
Construction Notice to Proceed	September 2010
Projected Completion Date	January 2011

For more information contact Customer Relations at 410-222-7582 or email us at customer@aacounty.org