

Woodsyde SWM Retrofit & Stream Restoration

Background:

Woodsyde Estates stormwater management facilities are located off of Ash Grove Court in Eldersburg in the South Branch Patapsco Watershed. There is a large shallow marsh facility and a smaller sand filter facility that will be retrofitted to provide water quality treatment to 16 acres of impervious area.

Scope of Work:

The Bureau of Resource Management retrofitted both stormwater management facilities to surface sand filters and stabilized and restored approximately 1,800 linear feet of stream channel.

Century Engineering, Inc. was awarded the contract for design in August 2018. The County received \$50,000 from the National Fish and Wildlife Foundation Small Watershed Grant towards design of the project.

Sequence of Construction:

Construction of the facilities and stream restoration work was awarded to Magstone, LLC in September of 2020. All necessary Federal and State permits were obtained for the project.

The project wrapped up in Fall of 2021.

Carroll County Bureau of Resource Management provided project management, including putting the project out to bid for design and construction. The County received \$833,739.00 towards the construction of this project through the Maryland Water Quality Financing Administration Bay Restoration Fund.

Project Details:

Watershed:	South Branch Patapsco Watershed
Drainage Area:	72.64 acres
Impervious Surface Treated:	16 acres
Costs: Engineering	\$ 194,529.00
Construction	\$ 1,357,416.00
Time Frame:	3 years

Submitted By:

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