

# Greens of Westminster Stormwater Management Facility Retrofit

## **Background:**

The Greens of Westminster is a residential subdivision that was constructed in the 1980's on the west side of Westminster. Stormwater management was provided in part by a detention basin located between Mayfield and Wampler Courts. The drainage area to the facility is approximately 38 acres, of which, approximately 12.6 acres are impervious. There was no water quality management being performed in the original facility.

## **Scope of Work:**

The Bureau of Resource Management in partnership with the City of Westminster decided on a surface sand filter design to provide water quality treatment, channel protection volume, and overbank flood protection volume. The existing CMP principal spillway was replaced with a concrete weir wall. The project was constructed with a two-stage weir to manage peak discharges up to the 10-year storm back to predevelopment conditions.

Wallace Montgomery was awarded the design contract in June of 2018.

## **Sequence of Construction:**

Construction of the facility was awarded to Kibler Construction Company, Inc. in May of 2020. All necessary Federal and State permits were obtained for the project. The project wrapped up in June of 2021.

The Bureau of Resource Management was awarded \$347,340.00 from the Maryland Water Quality Financing Administration Bay Restoration Fund for the construction of this facility.

## **Project Details:**

Watershed:	Double Pipe Creek
Drainage Area:	38 acres
Impervious Surface Treated:	12.6 acres
Costs: Engineering	\$ 54,354.50
Construction	\$725,828.72
Time Frame:	3 years

## **Submitted By:**

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