



Prince George's County

STORMWATER STEWARDSHIP GRANT PROGRAM

APPLICANT

Town of Edmonston

PROJECT

Water Quality Retrofits for the 46th Avenue Green Street Project

GRANT AMOUNT

\$148,000

PROJECT SUMMARY

In 2017, the Town of Edmonston was awarded \$148,000 to implement green stormwater infrastructure (GSI) technology and demonstrate the use of these technologies for residents and other municipalities to recreate. They wanted to create a green street in an industrial district, creating a partnership between the local municipality and the industrial community.

A large goal of the project was to treat impervious surfaces on this street, which are areas of land that water cannot soak through into the ground like streets, parking lots, and highly compacted ground. These surfaces are common in cities and can create a host of issues, including increased flood risk and reduced water quality in

nearby water sources.

They were able to successfully install six rain gardens and five tree planters, which treat 4.47 acres of impervious industrial surfaces by providing space for stormwater to run into the ground. They were also able to install 180 feet of permeable gutter, which treats an additional 1.3 acres of impervious service, for a total of 5.77 acres of treated surface.

The Town conducted numerous outreach activities to describe their project and the impact on the properties and to obtain the support of property owners in the area. They hope to install more rain gardens and focus on good maintenance in the future.

CONTACT

Mr. Rodney Barnes
Town Administrator
rbarnes@edmonstonmd.gov

Town of Edmonston
5005 52nd Avenue
Edmonston, MD 20781
(301) 699-8806

