

Eck's Run Stormwater Basin Retrofit Project

Project Summary

Project Description

Through the reconstruction of two existing dry retention basins into bioretention basins, the Eck's Run Stormwater Basin Retrofit Project improves water quality by reducing the amount of nitrogen, phosphorus, and sediment pollution to the West Branch of the Susquehanna River, increases habitat for native wildlife and pollinators, and achieves regulatory compliance per the Joint Chesapeake Bay Pollution Reduction Plan for the Boroughs of South Williamsport and Duboisstown in Lycoming County, PA. The project timeframe was from July 2022 through June 2023.

Project Goals

The goal of this project was to reduce nitrogen, phosphorus, and sediment loading to the West Branch of the Susquehanna River by 10%, as required by the Boroughs' Joint Chesapeake Bay Pollution Reduction Plan.

Project Results

The basins are effectively removing 11,550 pounds per year of nitrogen, 157 pounds per year of phosphorus, and 52.75 tons per year of sediment.



Prior Condition of Basins

Basins Post-Construction

Project Costs

The project was awarded at \$179,744. A minor change order in the amount of \$4,233.70 was incurred. Growing Greener Plus grant funding covered \$125,000 of total project costs.

Partners

Boroughs of South Williamsport and Duboisstown, RETTEW Associates, Masters Excavating LLC

Contact Information

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