

Grant Agreement #4100080648
Grantee: Middletown Township

Project Description: Middletown Township used the grant to retrofit five (5) existing stormwater basins. The basin retrofits as part of the Middletown Township Sediment Reduction Initiative were intended to enhance water quality benefits for approximately 204 acres of fully developed drainage area (34% impervious).

Project Goals: The goal of the project was to reduce sediment in five (5) existing drainage basins throughout the Township. The retrofit improvements were intended to promote low flow detention, infiltration, basin stabilization, and reduce sediment laden outflow for an overall improved water quality for the Neshaminy Creek & Mill Creek.

Project Results: All desired results were accomplished per the plans.

Project Costs: The grant amount was \$175,000.00. This covered almost all of the Construction costs. Design and Engineering costs were paid with matching funds.

Lessons Learned: Retrofitting the existing basins was a relatively low-cost way of reducing sediment and improving water quality. The results produced a much more aesthetically pleasing basin. Developing and implementing a maintenance plan is vital to the continued success of the basin. No problems were encountered throughout this project other than limiting the disturbance to the residents of the Township.

Partners:

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