

Derry Borough Municipal Water Authority Stormwater Retrofit
Growing Greener, Grant Document Number: C990002518
Sponsor: Westmoreland Conservation District

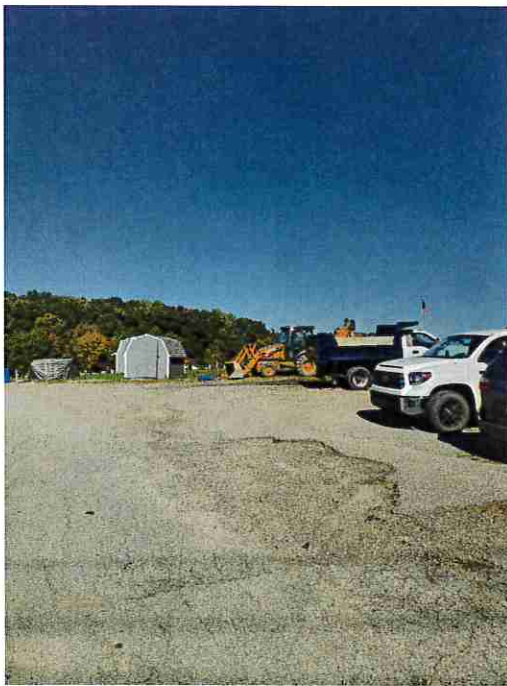
PROJECT DESCRIPTION: The Derry Borough Municipal Water Authority Stormwater Retrofit project implemented the design and installation of green infrastructure Best Management Practices which included approximately 900 square feet of permeable parking and tree and shrub plantings. This project focused on retaining and promoting infiltration of stormwater on the municipal authority's parking lot. The permeable parking will help reduce flooding, prevent sedimentation to the UNT to McGee Run, and improve water quality.

PROJECT GOALS: The purpose of this project was to reduce flooding and sedimentation to the UNT to McGee Run and provide support to the MS4 community of Derry Borough through the implementation of green infrastructure projects. The goal was to construct stormwater controls on the municipal authority's parking lot that will help retain stormwater and improve water quality.

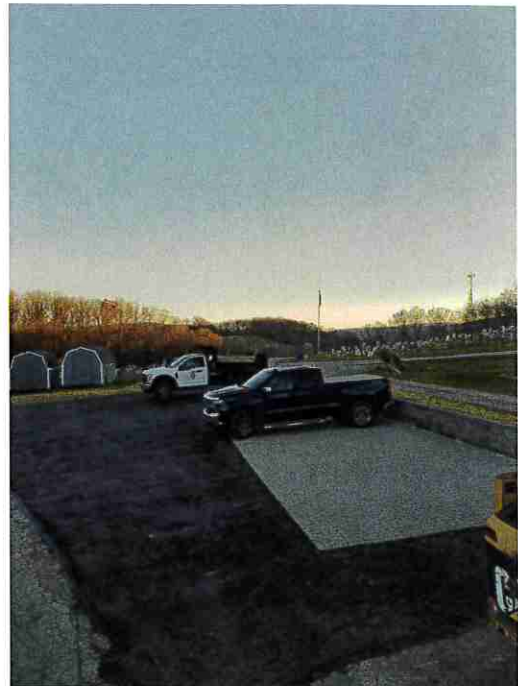
PROJECT RESULTS: Permeable parking, and retaining wall were constructed. A tree and shrubs were also planted.

BMP	Location	Acres managed	TSS per year	TP per year	NO3 per year
Permeable Parking	Derry Water Authority	.3 ac	3.7 lbs	.02 lbs	.02 lbs

PHOTOS:



(Before) Derry Borough Water Authority Parking Lot



(After) Derry Borough Water Authority Parking Lot

PROJECT COSTS: \$88,660 Growing Greener, \$7,000 Derry Borough Municipal Water Authority cash match, \$7,417.42 WCD In-Kind Match

LESSONS LEARNED: Constant communication between the contractor and landowner is crucial for a successful project.

PARTNERS: Westmoreland Conservation District, Derry Borough Municipal Water Authority

CONTACT INFORMATION: Westmoreland Conservation District, Hank Bradish @ hank@wcdpa.com, 724-837-5271