

Regional Collaboration Improves Water Quality 2  
Growing Greener Watershed Protection Grant # C990000748  
Blair County Conservation District

**Project Description:** This project was developed to accomplish the implementation of green infrastructure to reduce nonpoint source pollution resulting from upland urban runoff and provide an opportunity for education and additional adoption of these practices throughout the community. The projects selected are located within the Beaverdam Branch Watershed and address sources of impairment directly impacting Brush Run stream in Blair County, PA. Working successfully with all landowners the Blair County Conservation District installed 14 green infrastructure practices. The project occurred in various stages from 01/01/2019 to 10/20/2022.

**Project Goals:** Primary goals were to reduce siltation concentrations discharging into Brush Run Stream. Secondary goals were to promote the benefits from green infrastructure through providing the opportunity to visually intersect action with result.

**Project Results:** The end result was the implementation of 9 rain gardens, 1 infiltration basin, 1 forebay with sediment trap, and 2 pervious parking areas within the Beaverdam Branch Watershed to manage upland urban stormwater runoff. Water quality improvements based on the Simplified Method for Load Reduction Estimates:

	Tons of Suspended Solids Reduced
PNG Stadium Green Infrastructure(6 rain gardens, pervious parking area, infiltration basin, & forebay w/ sediment trap)	6.01 tons per year
Lakemont Park Green Infrastructure (3 rain gardens and grass pervious parking area)	2.81 tons per year



*PNG Stadium Parking Lot Project – Rain Gardens*



*Lakemont Park Project – Grass Pervious Parking*

**Project Costs:** Project cost for all best management practices installed totaled \$499,585.50. \$334,900.00 was from Growing Greener Grant Funds and \$164,685.50 in matching funds (both In-Kind Services and Cash match).

**Lessons Learned:** The value of communication with landowners and contractors to effectively implement designs and schedule construction dates is paramount for the successful completion of practices within recreational/amusement parks and sports venues.

**Partners:** Blair County Conservation District, Blair County Intergovernmental Stormwater Committee, National Fish & Wildlife Foundation Grant; Technical Assistance – Stiffler McGraw and Keller Engineers, Inc.; Property Owners – County of Blair, The Lakemont Partnership, Lozinak Professional baseball, LLC, DRL Rink Associates, LLC; Contractors- Ralph J. Albarano & Sons, Inc., and Gordan L Delozier, Inc.

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