

Armstrong Conservation District Green Parking Lot and Workshop Growing Greener Watershed Protection Grant C990002429 Armstrong Conservation District

PROJECT DESCRIPTION: The Armstrong Conservation District (ACD) vehicle parking lot was part of a larger compacted, gravel parking area. This project was for the design and construction of a replacement permeable parking lot for ACD along with an educational workshop for municipal officials. The project timeframe was from 01/01/2021 to 06/30/2022

PROJECT GOALS: The goal of the project was to reduce stormwater impacts on the Allegheny River and provide stormwater education to local municipalities.

PROJECT RESULTS: This project installed a 1,800 square foot permeable parking lot with two types of permeable pavers installed above an infiltration bed with underdrain. For every 1-inch storm event, the parking lot filters 1,080 gallons of stormwater and slowly discharges it to a stormwater inlet. An educational sign was installed along the Armstrong Trail in front of the parking lot and a workshop was held to show municipal officials how to install and maintain permeable parking lots. Permeable pavers, rain barrels, and rain gauges were given to the municipalities to use as examples for their residents.

PICTURES:



Before Construction



After Construction

PROJECT COSTS: Growing Greener Grant: \$35,720 ; Total Cost: \$44,042.66

LESSONS LEARNED: It is important to be over cautious when excavating in an urban area where there is a potential for old unmarked utility lines.

PARTNERS: The landowners were AC Properties LLC and Armstrong Trails Inc. Armstrong Conservation District provided all match for the project.

CONTACT INFORMATION: Armstrong Conservation District – Maria C. Sorce,
mcsorce@co.armstrong.pa.us 724-548-3237