

Project Description - The Limestone Run Watershed is impaired by non-point sources of pollution including excess nutrients and sediment. The Union County Conservation District was awarded a Growing Greener grant to restore and enhance terrestrial and aquatic habitat while increasing outdoor educational opportunities by utilizing a multi-partnership approach.

Project Timeframe – December 31, 2020 through December 31, 2022

Project Goals - The implemented best management practices were designed to remediate nonpoint source sediment and stormwater pollution leading to improved water quality and enhance ecological habitat within the Limestone Watershed in Union County.

Pictures –



Project Results - The restoration and enhancement project resulted in 0.55 acres restored agricultural wetlands, removal of invasive species, and the creation of a pollinator plot. The previous stormwater swale was only providing 0.1 acres of filtration and retention, the new wetland basins have increased retention to 0.55 acres with an average depth of 8 inches. This project overall has reduced stormwater, sediments, and nutrient loads on Limestone run, a tributary to the Susquehanna River leading to the Chesapeake Bay.

Project Costs - \$17,920 Growing Greener plus an additional \$7,870 in match funds.

Partners - US Fish and Wildlife Service, the Lewisburg Area School District, and Union County Conservation District.

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