



# Logan Park

## Floodplain Restoration

### Project Description

This project consisted of restoring the floodplain of Rife Run at Logan Park located in Manheim, Pennsylvania. The work of this project contributed to the solution of the Chiques Creek Watershed by reducing non-point source pollution and improving water quality. The project included removal of 10,000 CY of legacy sediments, 1,500 LF of relocation and restoration of the Rife Run stream channel, 2.5 acres of wetland creation, seeding, stabilization, and planting of native trees and shrubs. Construction started in July of 2015 and was completed in October of 2015.

### Project Goals

Project goals included: Stream bank erosion reduction, wetland creation, filtration of storm flows, increased habitat and diversity, community education, nutrient/ sediment reduction, and improve overall water quality. Additional environmental education and interpretive signage are planned for this site.

Sediment and Nutrient Load Reductions  
 Nitrogen: 757 lb/yr  
 Phosphorus: 293 lb/yr  
 Sediment: 118 Ton/yr

### Services

Green Masterplanning | Design | Engineering | Funding Coordination | Construction | Maintenance



Looking downstream from bridge – Before



Looking downstream from bridge – After

Client: Chiques Creek Watershed Alliance  
 Location: Manheim, PA



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