



MANHEIM BOROUGH

15 EAST HIGH STREET
MANHEIM, PA 17545

Project Title: Chiques Creek Pollutant Reduction Project - Construction DEP Growing Greener Grant Final Report Manheim Borough Project #C990002484 Prepared: October 31, 2024

Project location & background

This project was for the design, permitting and construction of a floodplain restoration and riparian buffer for the Chiques Creek within Manheim Borough. The project is located within Memorial Park and the Grace Brethren Church property (33 E. High Street) within Manheim Borough. Memorial Park is the main recreational facility within Manheim Borough and offers a great number of active recreational facilities such as a public pool, football stadium, baseball and softball fields, basketball and tennis courts, a children's playground and picnic areas. The Manheim Central School District, with an adjacent high school and several other schools within walking distance of the park, frequently utilize the creek area within the park for education purposes. An annual fishing derby is also held in this section of the Chiques Creek. The park is a prime location for a water quality project, due to the fact that the Chiques Creek bisects the eastern portion of the park and the high visibility and public nature of the location. A portion of the project is located within the Grace Brethren Church property which is directly downstream of Memorial Park. The Borough partnered with the church to provide stream stabilization within the boundaries of the church property.

Project goals

This funding request was for the design, permitting and implementation of the Chiques Creek Pollution Reduction Project. This project addresses nonpoint source pollution loadings by implementing a floodplain restoration and riparian forest buffer within the Chesapeake Bay Watershed. The project directly addresses the primary source of impairment for the Chiques Creek Watershed, a TMDL priority watershed with "siltation" as a targeted pollutant, by significantly reducing the amount of sediment that is discharged to the waterway.

Project accomplishments

The project resulted in the following accomplishments:

1. Implementation of a floodplain restoration – 3,900 linear feet
2. Installation of a riparian buffer – 11 acres
3. Reduction in the amount of sediment and pollutants that will enter the Chiques Creek and eventually the Chesapeake Bay by 176,000 pounds annually

Project costs

Growing Greener I Grant Funding - \$271,097.40

Matching Funds - \$1,026,700.00

Partners

Manheim Central School District, Aaron's Acres, Grace Brethren Church, Rettew Associates

Contact information

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