

Conewago Township Wetland Enhancement and Education Project

FINAL REPORT – DEP Growing Greener ME II Grant

PROJECT SUMMARY

Project Description

The Conewago Township Wetland Enhancement and Education Project improves local water quality by reducing the sediment and nutrient loads delivered to Hoffer Creek / Conewago Creek. The planned educational component will engage local elementary school children and the community to learn the environmental benefits of forested wetlands, rain gardens and vegetated swales.

The Township installed four rain gardens and three vegetated swales to manage stormwater run-off, established a 20' wide vegetated buffer strip to filter stormwater runoff before discharging into a forested wetland, and planted native trees, shrubs and perennials.

Project Results

The calculated pollutant reductions achieved are sediment 3,633 lbs/year, phosphorus 2 lbs/year, and nitrogen 64 lbs/year. The result of these reductions is:

- Improved water quality
- Increased biodiversity, ecological balance, and food and habitat for native wildlife species

Project Partners

The Township received a Growing Greener ME II Grant Award of \$142,000 for project construction. Additional Park amenities were partially funded by a DCNR grant award.

Project Costs

Total Project Cost=\$167,000.00

- \$142,000 funded by a PADEP Growing Greener grant
- \$25,000 Township cash match

Contact Information

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Photo 1 - 10/18/24-Rain Garden Vegetation Establishing



Photo 2 - 10/18/24 – Vegetated Swale 1 Vegetation established



Photo 3 - 10/18/24 – Pedestrian Wetland Pathway