



WYOMING COUNTY SOIL & WATER CONSERVATION DISTRICT

Fall 2024

Pike Dam Habitat Project

The Pike Dam Habitat Project was completed this fall as an extension of the Pike Dam removal Project. Completed upstream of the former Pike Dam, the stabilization project includes 100 feet of rock stabilization and 5 trout habitat structures. Sourced locally, five root wad and tree trunks were embedded into the bank in order to create natural scouring and habitat for trout species.

Following project construction, the disturbed areas were hydroseeded by the District and restored to their previous condition. The Pike Dam Trout Habitat Project also included the installation of 40 mature trees and 40 shrub species along the Wiscoy Creek ranging from the former Pike Dam all the way past the new fair bridge.



100 ft of Rock Rip-Rap
Streambank Stabilization



Staging of Native Mature Trees
and Shrubs Prior to Planting

The goal of these plantings is to establish native vegetation along the creek bank as well as provide shade on the creek as quickly as possible. Over the years, mature trees that have been lost allow more sun to shine on the creek and raise the water temperature creating a more stressful environment to the fish and aquatic life. By planting 10-12 foot tall saplings along the creek banks it is hopeful that we will see shade on the creek in the years to come. Funding for this project was provided by the U.S Fish and Wildlife Service and administered by the Wyoming Co. Soil and Water Conservation District.



Wyoming Co. SWCD Water Quality Project Tour



Planted Mature Trees to provide shade

Pike Dam Habitat Project



Project site Tour



Project site Hydroseeding



Knotweed site # 8 Before Treatment (2019)



Knotweed site #8 After 4 Years of Treatment (2024)

Welcome Hannah Guindon – Conservation Technician



Hannah Guindon was hired as a full time Conservation Technician on February 5th. Hannah graduated from SUNY Morrisville in 2020 with a Bachelors in Agricultural Business and Management, with a specialization in Equine Sciences. After graduation Hannah went on to manage a competitive show barn, Stone Lane Stables LLC, in Bloomfield NY for 3 years.

Hannah currently lives in Wyoming County and hopes to serve the community to the best of her ability. Growing up on a sheep farm in Pennsylvania has given her a special appreciation for all aspects of agriculture. She is very interested in working with farmers to implement conservation practices into their farms' day to day. With that, Hannah is eager to start forming professional connections with the Wyoming County community.

Wyoming County Conservation District Team in Action



SPOTTED ON THE JOB! Technicians spotted an IO Moth Caterpillar also known as the Peacock Moth while on the job. This spiky, brightly green colored caterpillar with a red and white stripe is not one to be touched. The spines that cover the caterpillar are connected to poison glands which when touched will cause stinging pain and a welt that can often last for hours. These caterpillars turn into unique and brightly colored moths.



Grey Cabin Streambank Stabilization Project - Town of Pike



Facts & Figures:

Designed by: WCSWCD

In Partnership with: US Fish and Wildlife Service, Trout Unlimited, NYS Department of Environmental Conservation

Completed: September 2022

Cost for Stabilization: \$88,802.00

USFWS: \$40,000.00

FOLLOWPA Contribution: \$42,402.00

WCSWCD Hydroseeding: \$1,400.00

DEC Contribution: \$5,000.00 for materials

Additional In-Kind Services:

- ⇒ Fish shocking and relocation prior to construction
- ⇒ LUNKER construction and installation
- ⇒ Trees and tree planting supplies

This project site is also under going treatment for Japanese knotweed through the Great Lakes Restoration Initiative.

Tenefly Road Culvert Replacement - Town of Gainesville, NY



Facts & Figures

Designed by: Andrew Schmieder, P.E.

Completed: July 2022

Cost for Culvert Replacement : \$50,550.40

FOLLOWPA Contribution: \$30,726.69

WCSWCD Hydroseeding: \$1,102.50

Town of Gainesville & Wyoming County Highway Department In-Kind Services:

- ⇒ Site Preparation
- ⇒ Labor
- ⇒ Equipment
- ⇒ Additional Materials

Spencer Brothers Farms, LLC - Family owned and operated beef farm - Town of Attica



Facts & Figures

Designed by: Wyoming County SWCD
Completed: October 2022

Cost for Concrete Heavy Use Area : \$15,220.00

FLOWPA FY20-21: \$11,415.00

Landowner Cash Contribution: \$3,805.00

Landowner In-Kind Services:

- ⇒ Site Preparation
- ⇒ Site Prep Materials
- ⇒ Equipment Use
- ⇒ Lumber
- ⇒ Concrete blocks for containment
- ⇒ Gates

FL/LOWPA Project Tour



Wyoming County was one of the Districts selected to assist in hosting the 2024 Western Region FL/LOWPA Project Tour. The staff showcased projects that utilized FLOWPA funding for implementation of streambank stabilization, a road culvert replacement, and the installation of agricultural best management practices. Participants included DEC Finger Lakes HUB Staff, Representatives from Senator Borrello's Office, and Genesee County SWCD.



Grey Cabin Streambank Stabilization

Highbanks Dairy, LLC Waste Storage and Transfer System - Town of Castile

DURING CONSTRUCTION



Facts & Figures

Completed in 2023

Practices Completed:

- ⇒ 1 Waste Storage Facility (4 million gallons)
- ⇒ 2,300 sq. ft. heavy use area protection
- ⇒ 178 ft. underground outlet
- ⇒ 1 waste transfer system
- ⇒ 800 ft. subsurface drainage

- ⇒ 75,000 sq. ft. liner
- ⇒ 1,130 ft. fence
- ⇒ 1.5 ac. Critical area seeding
- ⇒ 1 pumping plant
- ⇒ 900 ft. diversion

Total Project Cost: \$393,131.03

CAFO WSTSP Funding: \$246,700.96 (62.75%)

Landowner Contribution: \$145,658.82 (37.05%)

Silver Haven Farms Silage Leachate Collection System - Town of Perry



Facts & Figures

Completed in 2023

Practices Completed:

- ⇒ 2,960 sq. ft. Heavy Use Area Protection
- ⇒ 2 Waste Transfers
- ⇒ 0.5 ac. Vegetated Treatment Area

- ⇒ 1 Pumping Plant
- ⇒ 990ft. Subsurface Drain

Total Project Cost: \$78,948.83

AEM Tier IV Funding: \$50,000.00 (63.3%)

Landowner Contribution: \$28,948.83 (36.7%)

- ⇒ \$27,223.83 for construction
- ⇒ \$1,725.00 for engineering

East koy–Wisoy Knotweed Management - Site # 13 Lamont Rd, Gainesville, NY



Facts & Figures

The site has been treated since May of 2021

- ⇒ Approximately 2.52 acres of knotweed, cut in the spring and fall
- ⇒ Herbicide application 2x per year, 2-3 weeks after the cutting

Program Details:

- ⇒ 2019 treatments funded through NYS Ag & Markets Part B Performance Measures Program - \$6,000

- ⇒ 2020 to Present treatments funded through Great Lakes Restoration Initiative for Cooperative Weed Management
- ⇒ Grant also included funding for Equipment, Supplies, and Support for an Education and Outreach Event
- ⇒ Total Grant Funds—\$25,670 (75%)
- ⇒ SWCD Cash Contribution \$6,417.50 (\$25%)

Water Quality Project Tour

On September 15th, the Wyoming County Soil and Water Conservation District hosted a Water Quality Project Tour to highlight several projects that had been completed in the past few years. The tour included two streambank stabilization projects, an invasive species management project, and three agricultural non-point source pollution control projects. Both streambank stabilization projects highlighted best management practices that reduce erosion and sedimentation, as well as incorporating aquatic habitat structures, and tree plantings to provide additional stabilization and shade on the stream.

The invasive species management project showed how continual measures on the terrestrial invasive plant Japanese Knotweed can revert an area from being a monoculture of the invasive plant back to a more natural state that decreases soil erosion and increases biodiversity.

The three agricultural non-point source pollution control projects showcased how dairy farmers implement practices to reduce nutrient runoff, including silage leachate management and nutrient management in the form of agricultural waste storage systems.

The tour was attended by various departments from Wyoming County including the Wyoming County Board of Supervisors, the Wyoming County Administrator, the Wyoming County Chamber of Commerce, the Wyoming County Industrial Development Agency, Cornell Cooperative Extension of Wyoming County, as well as Board Members and Staff of the Wyoming County Soil and Water Conservation District.





District Board of Directors & Staff

Chairman, At-Large Member - Daryl Heiby

County Supervisor - James Brick

County Supervisor - Mark Merrill

Farm Bureau Representative - Walt Faryna

Grange Representative - Ronald McCormick

District Manager - Allen Fagan

Secretary/Treasurer - Sharon Boyd

Conservation Technician - Rebecca Campbell

Conservation Technician - Emelyn Bell

Conservation Technician - Hannah Guindon



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