

# WYOMING COUNTY SOIL & WATER CONSERVATION DISTRICT 2022 ANNUAL REPORT



The Mission of the Wyoming County Soil and Water Conservation District is to promote wise management of our natural resources through a wide variety of quality conservation and educational programs.

Wyoming County SWCD provides technical assistance on soil, water, and related natural resources to municipalities, farmers, and landowners who utilize the information to make sustainable land use decisions and protect water resources. The Wyoming County SWCD works with many stakeholders to secure cost share funding which is used to complete Best Management Practices on farms, water quality improvement projects, and stream channel restoration.



# 2022 Accomplishments



**837 ACRES OF COVER CROPS IMPLEMENTED**



**10 WATER QUALITY SAMPLES COLLECTED**



**17 HYDROSEEDING PROJECTS...COVERING 18.57 ACRES OF EXPOSED SOIL!**



**16 MUNICIPAL REQUESTS FOR ASSISTANCE**

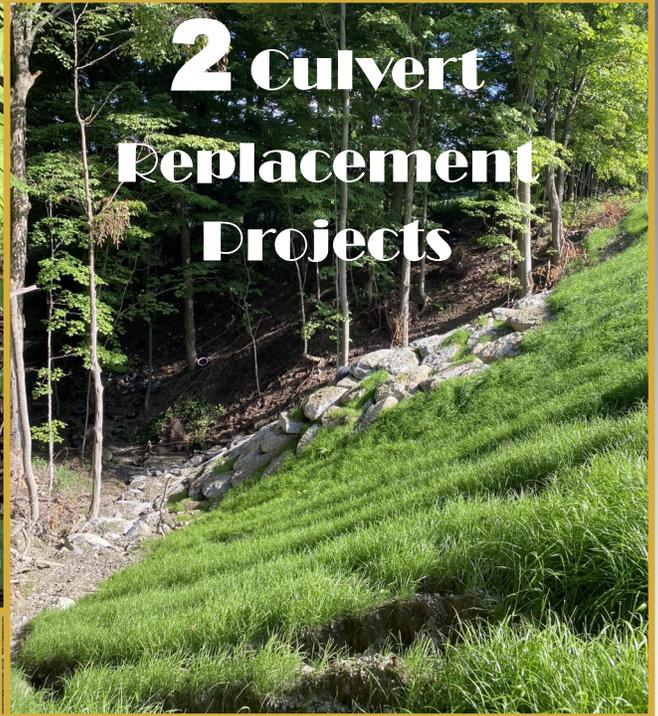


**33 AGRICULTURAL BMPS APPLIED**

# 2022 Accomplishments



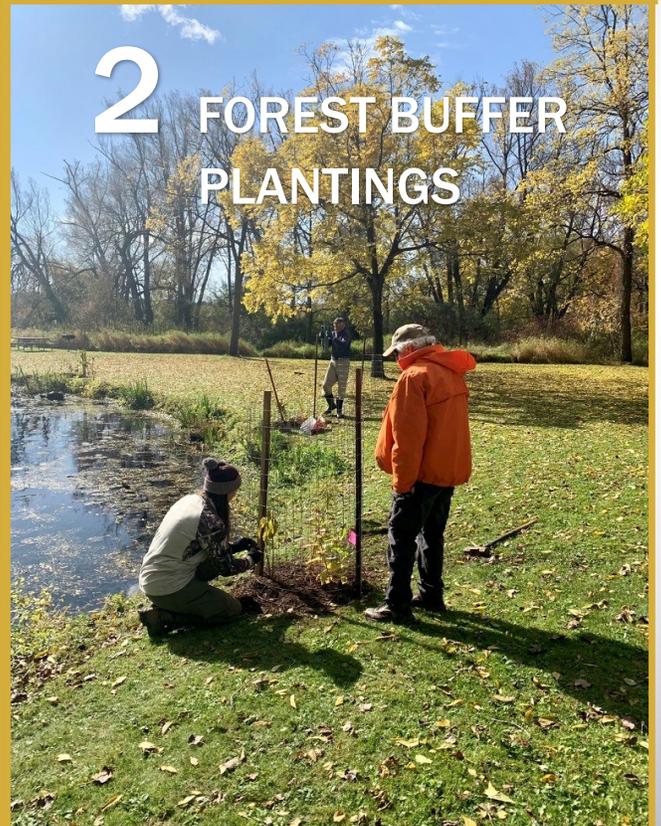
**5 ACRES OF INVASIVE SPECIES  
MANAGEMENT**



**2 Culvert  
Replacement  
Projects**



***186 INDIVIDUALS ASSISTED***



**2 FOREST BUFFER  
PLANTINGS**



**600 LINEAR FEET OF  
STREAMBANK STABILIZATION**

# 2022 Accomplishments

*Secured \$2 Million of  
Agricultural Grant Funds*



**2 School Workshop Days**

**92 AGRICULTURAL VALUE  
ASSESSMENTS COMPLETED**



**5.5 MILLION GALLONS OF  
MANURE STORAGE CREATED**



**20 COMPLETED MAP  
REQUESTS**

**594 ACRES OF CONSERVATION  
TILLAGE PRACTICES**



**19 STREAM AND  
DRAINAGE  
ASSISTANCE CALLS**



# Campbell Dairy Farm Project—Everything But the Kitchen Sink

*Located in Java, NY:* Campbell Dairy Farm is owned and operated by the dynamic duo, Jim & Allison Ikeler. In 2019, the couple began working with Wyoming County SWCD to develop a total farmstead plan that would allow them to apply for and receive funding through Round 26 of the Agricultural Nonpoint Source Program. This “everything but the kitchen sink” project included 12 Best Management Practices that would impact almost every aspect of their farmstead!



The farmstead at a distance, during the preliminary excavation phase of construction.



*Diversion Ditch Before:* This depicts the construction of a diversion ditch with erosion fabric.



*Diversion Ditch After:* Post hydroseeding, the conservation mix has established on the erosion fabric.

**The BMPs:** The purpose of having such a wide variety of BMPs within one project is to fully encompass the farmstead’s current areas of concern and to implement preventative measures for the future. Each BMP in the system will improve farm efficiency, encourage nutrient management, and keep clean water clean.



*Reception Pit:* This reception pit provides additional storage during winter months, and can be pumped to the main storage, or pumped out and spread.



*Heavy Use Area:* The concrete heavy use area directs silage leachate runoff from the farms bunks into the nearby reception pit.

# Campbell Dairy Farm Project—Everything But the Kitchen Sink



**Concrete Ramp:** This ramp will allow the farm to clean out solids from the bottom of the manure storage. Maintenance is key to BMP's remaining useful and effective.



**Happy cows:** The project covered every part of the farm, even collecting the wash water from the calf barn!

## **Earthen Waste Storage and Transfer Facility:**

The 3.10 million gallon waste storage will hold all the waste produced on the farm including manure, silage leachate, milk house waste & wash water. The waste storage is connected to a reception pit and a system of transfer lines that allow for waste to be pumped from each location to the main storage. The waste storage is lined with a HPDE liner and has a concrete bottom for clean out. This project will reduce the frequency of manure spreading on frozen and saturated ground, allowing the farm to apply manure when conditions are right for optimal nutrient uptake and reduced runoff. The protection of water quality is particularly important given the farmsteads location above the Cattaraugus Creek Basin Aquifer and proximity to the Cattaraugus Creek, a premier local trout fishing creek.



## **The Partners:**

This project was made possible due to the outstanding cooperation between Campbell Dairy, the local Natural Resource Conservation Service Staff, Wyoming County SWCD, Western New York Crop Management Association, and SJG Engineering. The District is grateful to have so many partners in conservation!

## 2021 Conservation Awards

### Conservation Partner of the Year Award: Mr. Thomas Hoffman

Tom has been “instrumental in the planning, design, contracting, funding, and construction of multiple high-profile projects within Wyoming County.” These projects include the Pike Mills barrier removal project, the Wiscoy Creek-Grey Cabin trout habitat improvement project, and the Route 98- Cattaraugus Creek trout habitat improvement project. His invaluable knowledge in fish habitat and stream morphology have been crucial in implementation of countless projects.



*District Manager, Al Fagan (left), pictured with USFWS Biologist, Thomas Hoffman (right).*

### Conservation Farm of the Year Award: Swiss Valley Farms

Swiss Valley Farms, owned and operated by Hubert Wick, has been working with WCSWCD since 2001. Most recently, the farm has completed a 6 million-gallon satellite waste storage system through the Agricultural Nonpoint Source Program. The farm has also implemented the largest riparian forest buffer ever completed through a District program.



*Hubert Wick of Swiss Valley Farms & his nephews receiving their award from Al Fagan.*



*Shawn & Lacey Hyman accepting the AEM Award on behalf of Hidden Hills Farm.*

### AEM Award: Hidden Hills Farm

Hidden Hills Farm, owned and operated by Mark and Shawn Hyman, has been an active Agricultural Environmental Management (AEM) participant since 2002. The owners graciously opened up their farmstead for an AEM Training Day that educated 20 participants in the Western NY region. Recently, farm has continued to work through their AEM goals with the District towards a short term agricultural waste storage.

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