

WYOMING COUNTY SOIL & WATER CONSERVATION DISTRICT 2019 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.



Broughton Diversified Farming - Concrete Waste Storage and Transfer System



Concrete manure scraping pad and concrete reception pit to capture manure from adjacent barns.



Concrete walls poured in succession by a pump truck for the 1.8 million gallon waste storage.

2019 ACCOMPLISHMENTS

- 6 AEM Tier 1 Questionnaires
- 7 AEM Tier 2 Summaries
- 13 AEM Tier 3A Plans
- 2 AEM Tier 3B CNMP's
- 4010 ft. of Fencing
- 1 Covered Waste Storage
- 130 ft. of Lined Waterway/ Outlet
- 1 Storage Liner
- 2 Pumping Plants
- 1 Roof Run off Structure
- 2212 ft. Access Road
- 5 Waste Storage Structures
- 6 Waste Transfer Systems
- 11.65 ac. of Critical Area Seeding
- 2924 ft. Sub Surface Drain
- 1622 ft. of Under Ground Outlets
- 21,176 sq. ft. of Heavy Use Area Protection
- 1642.58 ac. of Cover Cropping



Pouring of the concrete floor for the storage tank.



Completed 1.8 million gallon concrete waste storage tank.

2019 Project Highlights



Compacted clay earthen storage with concrete pump pads at Conrad Farms in Wethersfield.



Covered pack manure storage and roof runoff management system for Wilmar Farms, in Wethersfield.



Plastic lined, 6 million gallon earthen storage completed in fall of 2019 for Baker Brook Farms.



Successful cover crop yield at Pankow Farms.

ACCOMPLISHMENTS *continued*

184 Individuals Assisted

10 Groups Assisted

25 Practices Applied

40 Government Agencies Assisted

20 Stream Site Reviews

6 DEC and SWCD Stream Permits

385 ft. of Streambank Protection

105.95 ac. of Mining Plan Updates

1 DEC Stormwater Assistance

4 Pond Site Reviews

5 Culvert Assistance Requests

3.31 ac. of Riparian Buffers Established

21 GIS Mapping Projects

2 Wetland Assessments

208 Agricultural Value Assessments

Wiscoy Creek Watershed Streambank Stabilization Projects



Wiscoy Farms was experiencing extreme erosion and slumping of the streambank bank adjacent to their cattle laneway. District staff surveyed the deep scour hole and developed a design to maintain the natural stream channel, while protecting the bank from further erosion. Any exposed soil from construction site work was hydroseeded (water, fertilizer, and mulch slurry) by the District. The Wiscoy Creek Watershed boasts premier trout fishing and pristine aquatic habitat. Projects that protect the unique trout habitat in the watershed are a high priority for the District.



A landowner in the Town of Pike, contacted Wyoming County SWCD after a fallen tree had caused the stream on her property to diverge and erode her property. In addition, after years of living adjacent to the creek, the driveway was beginning to slump. After a survey and design, the project involved re-aligning the stream channel and installing rock rip rap for bank protection. This project took place on Bush Brook, a direct tributary to the main stem of Wiscoy Creek, in June of 2019. The property was wet and after construction, the District staff hand seeded the exposed soils from construction.

Cotton Creek Streambank Stabilization Project



A landowner in Gainesville requested assistance on this project, because Cotton Creek (a tributary to Oatka Creek) was eroding the streambank. In an effort to slow the process the landowner had tried to stabilize the slumped area with old concrete slabs. Unfortunately, these methods proved to be ineffective and the District provided assistance with a design that would eliminate any further issues on his property.

A project of this scale required pre-cast concrete blocks otherwise known as "dead-men". These blocks were stacked down into the stream bed for additional support. The disturbed areas were then hydroseeded to establish a root system that will prevent any sediment runoff. The District Staff enact good soil health practices such as hydroseeding in most of the projects that involve soil disruption.

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Wyoming County SWCD Education and Outreach



District Technicians, Rebecca Mann and Jake Kelly promoting Wyoming County SWCD at the Warsaw High School Ag Career Day. Students enjoyed performing mock rod and level surveys.



Emelyn Bell, 2019 summer intern, working the District's booth at the Wyoming County Fair. The staff developed a game called the Wheel of Conservation to educate and engage fairgoers.



The District Staff attended an Agricultural Environmental Management (AEM) Training Day, hosted by state representatives at East Koy Valley Farm in Pike, NY.



Warsaw High School students won the 2019 Wyoming County Envirothon. The Envirothon is a spring event at Letchworth State Park where high schoolers compete on topics such as forestry, current events, soils, wildlife, and aquatics.

Wyoming County Soil and Water Conservation District recognizes the importance of conservation education for the community. The District provides seasonal newsletters and frequently updates its Facebook page as a way to inform the general public. As always, the District encourages readers and followers to reach out with any questions. The District also promotes training for its staff to acquire knowledge that will help serve the residents of Wyoming County.

2019 Wyoming County SWCD Conservation Farm of the Year Broughton Diversified Farming, LLC



Broughton Diversified Farming raises beef cattle, having the capacity for 900 heifers. The operation works over 800 acres of ground both owned and rented, working 3600 maple taps, boiling their own sap, selling seed corn, and offering custom planting, baling and chopping services to other farm operations in Wyoming County.

The farm and family members are actively involved with both 4H and FFA, Pete is a farm bureau member and a member of the Letchworth School Board as well. The farms driving force in its work both on the farm and off is the children. Providing a lasting legacy and a future through natural resources conservation and land stewardship is of the upmost importance to the farm.

Agricultural Environmental Management (AEM) Award Meeder Farms, LLC of Pike



Meeder Farms, LLC has been in operation for 25 years, located in Pike. They operate over 425 acres to grow alfalfa, corn, and hay that is used by other farms in the area.

The farm has zone-tilled it's ground, doing away with more conventional tillage methods. They have implemented cover crops on a majority of the operating land and have also experimented with interseeding cover crops with corn.

They have also improved drainage in fields they operate in order to help prevent soil compaction with equipment. These measures to improve soil health and reduce erosion have benefitted the farm, as the crops they produce have only continued to improve.

Ronald P Herman Sr. Conservation Partner Award Wyoming County Information Technology Department



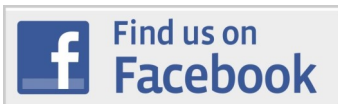
Partnerships improve and strengthen the outputs of any agency, and very few agencies operate solely by themselves.

The Wyoming County Soil and Water Conservation District has improved its technological abilities since its inception in 1940. One of the biggest advancements in the District over the past 80 years has been the availability and utilization of technology to deliver District programs.

Technology is used by the District on a daily basis; from basic email capabilities to the use of Geographic Information Systems and Global Positioning Systems. The District would not be able to operate as efficiently without the support of the Wyoming County Information Technology Department.



Wyoming County Soil and Water Conservation District partners with NYS Department of Environmental Conservation to perform annual electrofishing surveys.



If you would like to receive your conservation news by email rather than hard copy, please email Wyoming County Soil & Water Conservation District at: wcdswcd@frontiernet.net

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County Supervisor	Angela Brunner
Farm Bureau Representative	Walt Faryna
Grange Representative	Joseph Gozelski

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What is a Conservation District?

Conservation Districts are local governmental subdivisions established under state law to carry out a program for conservation, use and development of soil, water and related sources.

Districts are resource management agencies, coordinating and implementing resource and environmental programs at the local level in cooperation with federal and state agencies.

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