

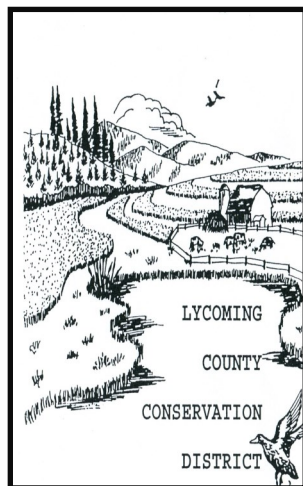
2021 Project Highlight: Keystone 10 Million Tree Planting



In 2021, the Lycoming County Conservation District worked with the Chesapeake Bay Foundation: Keystone 10 Million Trees Program and 9 landowners in the county to plant over 1,600 trees. These plantings created both new buffers and enhanced existing buffers totaling 8 acres.

Our Partners in Conservation...

USDA Farm Service Agency
USDA Natural Resources Conservation Service
Northcentral Pennsylvania Conservancy
Department of Environmental Protection
State Conservation Commission
DCNR Bureau of Forestry
Pa Department of Transportation
Pa Fish and Boat Commission
Pa Game Commission
Pa Department of Agriculture
Lycoming County Planning and Zoning
Penn State Cooperative Extension
Lycoming Co. Assoc. of Township Supervisors
Watershed Associations
Trout Unlimited
US Fish and Wildlife
Chesapeake Conservancy



LYCOMING COUNTY CONSERVATION DISTRICT



2021 ANNUAL REPORT



DISTRICT DIRECTORS

Paul Wentzler, Chairman
William Kahler, Vice Chairman
Thomas Hamm, Director
Cameron Koons, Director
William Messersmith, Director
Joseph Radley, Director
Richard Mirabito, Commissioner/Director

ASSOCIATE DIRECTORS

Paul Kremser
Lawrence Fry
Russell Reitz

DISTRICT STAFF

Greg Bonsall, District Manager (Jan.- Aug.)
Matthew Long, District Manager (Sept.- Dec.)
Carey Entz-Rine, Watershed Specialist
Tim Heyler, Ag Conservation Technician
Kellen Krape, E&S Technician
Emily Bruce, Dirt & Gravel Technician
Rod Morehart, Chesapeake Bay Technician
Denise Moser, Secretary/ Treasurer

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2021 was a year of transition for the Lycoming County Conservation District. Several staff members have changed roles in the District. Our E&S technician, Matthew Long, has made the change to Management and our former Dirt & Grave Roads Technician, Kellen Krape, has shifted into the E&S position.

We also welcomed a new member to the team in November. Emily Bruce has filled the vacant Dirt & Grave Road Technician position. Emily has been a good fit with the district and is proving to be a great asset to the team.

Bill Messersmith, a Director for 16 years, has decided to take a step back and has elected to not maintain full Director status. Bill plans to remain active in the District as an associate.



NUTRIENT TRADING PROGRAM

2021 was the final year for the Nutrient Credit Trading Program in Lycoming County. The Credit Trading program was active for 9 years. In total the program generated 230,859 Nitrogen credits and 1,728 Phosphorous credits. Lifetime sales of the generated credits were over \$527,000. The retained funds from the credit sales were put towards the purchase of a new 10 foot no-till drill to accompany the District's existing 7 foot no-till drill. Remaining funds will be put towards Ag education and outreach within the county

NO-TILL DRILL RENTAL PROGRAM

- 223.9 acres planted in 2021
- Rental fee is \$10.00 per acre
- Delivery is available for \$1.00 per loaded mile



NUTRIENT MGMT and ACT PROGRAM

- Three Nutrient management plans reviewed and approved in 2021, including two CAFOs, and one CAO.
- Assisted in development of two Comprehensive Nutrient Management Plans for potential future projects.
- Installed 690 feet of roof runoff structures.
- Installed a rock-lined waterway in the Pine Run Watershed as the first project in the Pine Run Rapid Delisting Strategy, in partnership with the Chesapeake Conservancy, and many other agencies and organizations.



VECTOR BORNE DISEASE CONTROL PROGRAM

- The monitoring program includes trapping, identifying and treating both the mosquitos and their habitats to minimize potential related diseases.
- In the 2021, Lycoming Co. had 17 West Nile Virus positive samples at 10 sites.
- Performed 40 Larval and 8 Adult control treatments.
- Participated in Spring Nymph Tick Collections throughout the County.

WATERSHED MANAGEMENT

- Watershed Association Highlight: Loyalsock Creek Watershed Association hosted the Annual Rose Valley Cane Poll Derby and had 103 kids register for the event.

Featured Projects

Proctor Game Farm Floodplain Reconnection Project



Before



After

Hughesville Stream Bank Stabilization Project



Before



After

DIRT AND GRAVEL ROADS

In 2021, the Dirt, Gravel & Low-Volume Roads Program provided funding for 14 totaling \$541,896.90. Approximately 5.49 miles of dirt and gravel roads were repaired.



Before



After

Barn Road, Lewis Twp.

EROSION AND SEDIMENT CONTROL

Chapter 102 and 92 Delegation

- Reviewed 18 Erosion & Sediment (E&S) Control Plans
- Reviewed & approved 19 General National Pollution Discharge Elimination System (NPDES) permits and amendments.
- Reviewed 7 Individual NPDES permits.
- Performed 45 earth disturbance inspections and responded to 25 complaints.

CHESAPEAKE BAY PROGRAM

In 2021, the Lycoming Conservation District agricultural staff completed 43 farm inspections. The District also help with the completion of the Countywide Action Plan (CAP).

AG LAND PRESERVATION

The Agricultural Land preservation Program continues to be very popular within Lycoming County. In 2021 we were able to purchase easements on 3 more farms preserving another 400 acres of County farmland. To date, the Lycoming County Ag Land Preservation Board has purchased easements on 87 farms preserving over 10,500 acres for future generations. Although easements restrict future development on the property, owners retain the right to operate, manage, and sell the property at any time. The Lycoming County Agricultural Land preservation board will have approximately \$256,000 available for the purchase of conservation easements in 2022.



EDUCATION AND OUTREACH

- LCCD provided 13 environmental edu. programs reaching over 500 participants.
- The Envirothon was held virtually in 2021. We had Montgomery and Williamsport HS participate with 4 teams each. Montgomery Team A represented Lycoming County at the PA Virtual Envirothon.
- LCCD continues to partner with the PA Trout in the Classroom Program. Students raise trout from eggs to fingerlings and learn about cold-water conservation. We were able to provide a couple in class programs and assist with the Jersey Shore Life Skills and Montgomery HS trout release field trips.
- The Annual LCCD Environmental Education Mini Grant Program funded 2 projects for a total of \$4,000.00
- Lycoming College CWI— Monitoring on Wolf Run
- Camp Susque— Nature Blind and Trail Projects



National Trout In the Classroom Quilt Project
Jersey Shore Life Skills Class