



SNYDER COUNTY CONSERVATION DISTRICT

10541 Route 522, Middleburg, PA 17842

Phone: 570-837-3000 | Fax: 570-837-7300

sccd@snydercd.org



Out with the Old and In with the New

2022 Annual Report

Board of Directors



Back Row L-R: Lincoln Kaufman– Associate Director, Isaac Hassinger– Director, Clair Esbenshade- Director, Charles “Chuck” Kessler- Director

Front Row L-R: Commissioner Joe Kantz- Director, Lamar Troup-Director, Annette Gray-Director, Jake Stiefel-Director, Rick Bailey– Associate Director

Absent: Morrill “Mac” Curtis– Associate Director

Staff



Back row L-R: Chip Spatz, Nutrient Management Tech, Tim Hornberger, Resource Conservation Tech, Barry Spangler, Ag Conservation Tech

Front Row L-R: Lauren Cheran, Watershed Specialist, Jason Winey, District Manager, Renee Swineford, Administrative Assistant

SCCD Ag Stats:

In 2022, Snyder County's total number of concentrated animal operations (CAOs) were 68 and eight (8) volunteer animal operations (VAOs) for a total of 76 approved nutrient management plans (NMPs).

Sixteen of the CAOs and VAOs are concentrated animal feeding operations (CAFOs). In 2022, the conservation district reviewed and approved 21 Act 38 NMPs that accounted for 3,555 acres.

In 2022, SCCD conducted fifty-one (51) Chesapeake Bay "Reboot" inspections. Also, six (6) MMP's were reviewed and verified covering 617 acres, one NRCS "590" NMP covering 1, 274 acres was verified, and an additional seven (7) MMP's were developed by SCCD staff covering a combined 1,169 acres.

SCCD developed 13 Ag E&S plans for 870 acres and verified an additional 42 existing Ag E&S and Conservation plans for 2,230 acres .

Interested in Ag. BMPs?

SCCD is making a list of farmers interested in improving their farm operations with the installation of conservation practices, also known as best management practices (BMPs). Example BMPs include:

Manure Storages
Barnyard Improvements (*)
Milkhouse Wastewater & Silage Treatment
Roof Runoff Controls

Riparian Buffers
Streambank Fencing
Stream Crossing (*)
Watering Facilities

If you are in need of installing the BMPs listed above, contact us at 570-837-3000, x0 (sccd@snydercd.org) and we place your name on a list for future funding opportunities.

**Example picture of (*) BMP installed at a Snyder County operation.*



Left: Stream crossing installed along Susquehecka Creek in Franklin Township, Snyder County.

Right: Roofed Heavy Use Area (HUA) also referred to as a roofed barnyard, constructed to eliminate a previous animal concentration area (ACA).

Dirt, Gravel, and Low-Volume Roads:

In 2022, the SCCD and the Dirt, Gravel, and Low-Volume Roads Program contracted 2 new projects in McClure Borough and Beaver Township. Application numbers were down in 2022 but the QAB was able to guarantee funding for two great projects in the county. The contracted low volume project in McClure Borough has a complex series of stream crossings and stream bed rehabilitation and should be completed by the end of 2024. The project begins on West Railroad St and runs to West Church Alley and will use approximately \$165,000 of program funds. The newly funded dirt and gravel project for Hetrick Ridge Road to improve drainage and place DSA will use approximately \$106,000 of program funds.

Chapman Township completed approximately 1125 feet of an underdrain project on Hoffer Road, totaling \$9,352.90. Chapman Township also completed a dirt and gravel roads drainage and DSA project on Lime Hill Road totaling \$62,379.50. Rounding out our 2022 dirt and gravel funding, was Beaver Township, also installing drainage and DSA, on Beaver Ridge Road for \$87,130.68.

Since its first contract was signed in 2000, SCCD has contracted almost 19.7 miles of dirt and gravel road rehabilitation totaling \$1,516,345.97 and low-volume projects totaling \$585,836.60. These monies were spent in 14 different municipalities on 66 completed worksites, with 2 additional contracted for work to be completed in 2023.

2022 Totals:

Completed: Dirt and Gravel Roads—\$149,510.18 Low Volume Roads—\$9,352.90

Contracted: Dirt and Gravel Roads—\$106,265.70 Low Volume Roads—\$165,000.00



Silt sock placed at an NPDES site.



DSA placement on Long Hill Road.

Erosion & Sedimentation 2022:

Total Individual Site Visits—55
Residential Development Plans—8
Pre-Construction Meetings—15
Total Complaints—27
Waste Areas/Ag Operations—6
PennDOT Plan Approvals—6
Snyder County Clean Water Fund: \$7,500.00
E&S Program Review Fees: \$57,690.00
NPDES Clean Water Fund Fees: \$32,630.00

Small Project Plan Approvals—19
Linear Projects Plans—3
Initial/Routine Inspections—35
Follow-Up Inspections—14
Commercial/Industrial Plans—20
E&S Plan Reviews & Approvals—35
Total Project Acres—961.4
Total Disturbed Acres—428.7
NPDES Plan Approvals—14

Watershed Wide:

It has been a record year for implementing streamside best management practices (BMP's) for the Snyder County Conservation District. Through various partnerships and grant funding, eight participating farmers and landowners voluntarily agreed to install a total of:

- 10,613 feet of streambank fencing
- 7 livestock stream crossings
- 2 livestock watering facilities
- 5.2 acres of riparian buffers (approx. 750 trees & shrubs)
- Fish habitat enhancement structures spanning 1,340 feet of stream

This is a huge accomplishment for Snyder County farmers and landowners, who deserve recognition for their efforts on improving local water quality, protecting natural resources and being stewards of the land.



S-R Farms, was this year's featured streambank restoration project completed through the Northcentral Stream Partnership. Fish habitat structures such as, modified mudsills, log cross vanes, and log deflectors were installed along 830' of an Unnamed Tributary to Middle Creek. A new livestock stream crossing and riparian buffer were also installed as part of this project.

S-R Farms Stream Restoration Project



Before

After

Education for Everyone:

Local Counties hold Consultant Workshop:

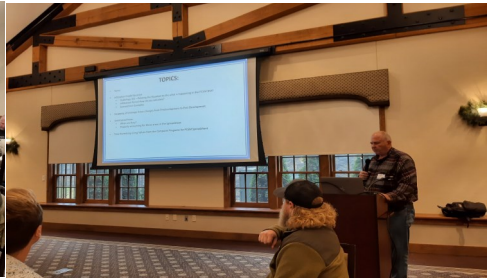
The Snyder County Conservation District (SCCD) along with neighboring counties hosted a local consultants workshop in December of 2022. Training was offered by Snyder, Columbia, Lycoming, Montour, Northumberland, and Union Counties providing information on Chapter 102 and NPDES updates for engineers and the professional community. The training was hosted at the Pine Barn Inn in Danville and offered 4.0 PDH.

Topics from the training

- Managed Release Concept
- DEP Spreadsheet Updates
- ePermitting/Fact Sheets
- Solar Array Design Considerations
- Discharge Points



Left: Approximately 95 attendees during the workshop.



Right: Barry Travelepce performing his final seminar on Fact Sheets, before retirement (CCCD)

Soil Health Toolbox Field Day:

The Snyder County Conservation District held a Soil Health Toolbox Field Day event at the Middlecreek Valley Antique Association Grounds near Selinsgrove on April 21. Twenty-eight (28) farmers, consultants, and conservationists attended this field day.

Farmers learned about:

- How their farm's "soil herd" can work for them.
- Improved soil health can minimize soil and nutrient losses.
- Increasing the amount of time plants grow on a field improves (i.e.: cover crops) soil health.
- How better soil health can improve soil water infiltration and resistance to erosion.



Left: Bill Chain, PA Chesapeake Bay Foundation, points out the differences in water runoff and infiltration among the five soil trays. Right: Sjoerd Duiker, Penn State Professor, shows off a no-till transplanter.

SCCD Fundraisers:

Faylor Lake Loop:

For a third year in a row, 135 participants gathered for the 3.75 or 7.5 mile Faylor Lake Loop trail race to benefit environmental education. Proceeds from the race are instrumental in funding SCCD's educational outreach events such as Trout in the Classroom, Envirothon, 2nd Grade Ecology Day, and Kids' Enviro Camp.



Annual Tree and Seedling Sale:

2022 was a record setting year for the annual tree sale. ALL stock was sold-out well before the due date in March. The total number of items sold included:

- 7,830- bareroot seedlings
- 207- apple and peach trees
- 798lbs- deer plot mix
- 30lbs- wildflower seed
- 60- bluebird boxes



**MARK YOUR
CALENDAR!**

2023 Upcoming Events:

Snyder-Juniata Kids Enviro Camp

Basom Park, Richfield

June 12-15, 2023

Grades 1 through 4

Faylor Lake Loop Race

Faylor Lake, Beaver Springs

July 22, 2023

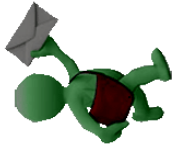


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