

West Virginia Conservation Agency

Conservation Services Division



Conservation Services Division Programs

- ▶ 319 Non-point Source Program (NPS)
- ▶ Agricultural Enhancement Program (AgEP)
- ▶ Chesapeake Bay Program (C Bay)

*Right:
Pasture Division Fencing
in Berkeley Co., WV*



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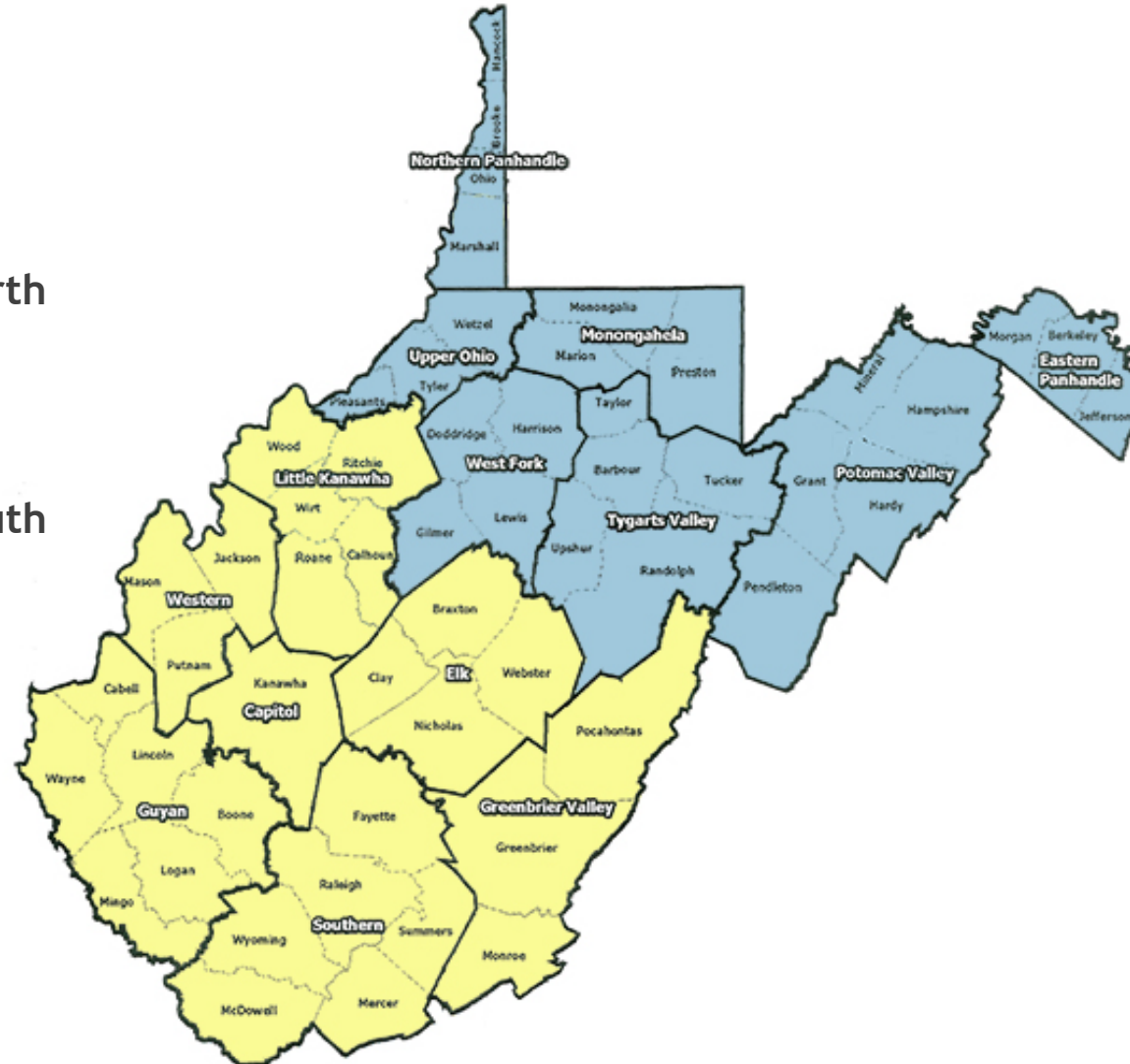
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319 Non-Point Source Program Overview



Mission: To inspire and empower people to value and work for clean water.



Objective: To provide assistance, plan and implement water quality protection, improvement and restoration projects.

What is NPS Pollution?

- ▶ Water contamination that occurs when rainwater, snow, or ice melt washes over the land or seeps through the ground, picking up pollutants and depositing them in rivers, lakes, or streams.
- ▶ The primary water quality benefits that are achieved through properly installing and maintaining BMPs include:
 - ▶ The reduction of soil erosion and sedimentation.
 - ▶ The reduction of nutrients and bacteria from animal manures and chemical fertilizers.
 - ▶ The reduction of chemical pollutants from pesticides and herbicides.



The Process at Work

Impaired streams are listed on the 303(d) List and *Total Maximum Daily Loads (TMDLs)* are created

A TMDL establishes the maximum amount of a pollutant allowed in a waterbody and serves as the starting point or planning tool for restoring water quality, aka “Pollution Budget”

TMDL documents identify sources of pollution that are “impairing” the stream for its designated uses

Watershed Based Plan (WBP) provides overall framework planning, budget, load reductions expected, etc. for the watershed in question

Project Proposal(s): “Grant” applications to EPA to seek funding over multiple years to implement projects with the goal of “de-listing” streams

Implementation of BMPs as described in the WBP

Who is Involved in Each Step?

WV DEP

- Water sampling to determine impairment - 303(d) List
- TMDL (Total Maximum Daily Load) development

WVCA

- Watershed Based Plan development
- Project Proposal development
- Implementation
- Monitoring

Practices Included Within Proposals

► Agricultural Best Management Practices

- Fence (exclusion/division)
- Water Systems
- Heavy Use Area Protection
- Roof Runoff Management
- Prescribed Grazing Plan
- Nutrient Management Plan
- May include any conservation practice that will aid in obtaining a load reduction

At this time, the WVCA is actively implementing 319 Projects within Eastern Panhandle, Greenbrier Valley, Potomac Valley, Southern and Western Conservation Districts



Before & After

Anthony Creek Restoration: Greenbrier Co., WV



Before & After

Heavy Use Area
Protection:
Jefferson Co., WV


Current Federal Grant Awards

NPS 1706	Upper Indian Creek II Burnside	\$ 121,770.00
NPS 1707	Meadow River Mill Creek	\$ 111,200.00
NPS 1708	Second Creek Karst III	\$ 127,000.00
NPS 1709	NPS Implementation- Base FY 19	\$ 65,000.00
NPS 1729	NPS Implementation- Base FY 20	\$ 68,000.00
NPS 1735	Sleepy Creek	\$ 92,130.00
NPS 1737	Anthony Creek	\$ 150,000.00
NPS 1738	Pipestem Creek	\$ 117,663.00
NPS 1739	Cherry Fork	\$ 151,500.00
NPS 1743	Chesapeake Bay Implementation Grant BMPs	\$ 898,732.00
NPS 1774	Roof Runoff Management	\$ 5,000.00
NPS 1779	Back Creek Phase III (Easements)	\$ 156,000.00
NPS 1780	Elks Run Phase III	\$ 96,800.00
NPS 1781	Indian Creek III	\$ 150,000.00
NPS 1782	Mudlick Run/Anderson Run	\$ 110,000.00
NPS 1788	NPS Implementation FY 21	\$ 116,900.00
NPS 1791	Second Creek Karst V	\$ 120,000.00
USFWS	Potts Creek	\$ 31,819.00

Recently Submitted Proposals	
FY22 NPS Implementation	\$ 156,200.00
FY23 NPS Implementation	\$ 100,500.00
FY23 Anderson Run	\$ 207,970.50
FY23 Anthony Creek II	\$ 150,000.00
FY23 Indian Creek IV	\$ 67,000.00
FY23 Second Creek VI	\$ 14,500.00
FY23 Spring Creek II	\$ 145,000.00

Grand Total of Current and Newly Submitted Proposals:

\$3,530,684.50

A fly fisherman in a light blue shirt, grey waders, and a bucket hat is standing in a river, casting a line. The river is surrounded by dense green trees. The right side of the image is overlaid with a dark green geometric pattern consisting of several overlapping triangles and polygons. The text is centered on this dark green background.

The Overall Goal:
To have the
stream removed from
the 303(d) list.

What does this mean for conservation district supervisors and boards?

- Review and comment on Watershed Based Plans and Project Workplans
- Approve Letters of Request for funding
- Review and approve contracts
- Review and approve payments

- Assist with project outreach
- Educate general public and ag community about conservation practices and programs
- Support district and WVCA staff in carrying out programs and events



Questions?

