

BE THE SOLUTION

CONSERVATION BMPs & NUTRIENT REDUCTIONS

Presented by Clean Water for Franklin County

WHAT IS...?

- WIP 3** - PA Phase 3 Watershed Implementation Plan - PA's official strategy to satisfy Federal EPA nutrient reduction requirements (6 states required to have a WIP)
- CAP** - Countywide Action Plan - Franklin County's official strategy to satisfy PA State WIP 3 nutrient reduction requirements (43 PA Counties required to have a CAP)
- CWFC** - Clean Water for Franklin County - Franklin County Conservation District's (FCCD) clean water initiative to aid in meeting CAP requirements
- BMP** - Best Management Practices - tools/conservation practices that can help to benefit soil health, water resources, and even the operation

"It is always a pleasure to work with Tammy Piper and the staff at the Conservation District on public outreach projects to promote BMPs for watershed protection. The Conservation District is a great resource for our county!"
- Maledia Anderson-Smith, Director Environmental Studies, The Institute, Waynesboro, PA

WHY DOES IT MATTER?

BY THE END OF 2025, FRANKLIN COUNTY IS TASKED BY THE CAP TO REDUCE:

~1.3 million pounds of Nitrogen (lbsN)
~70,000 pounds of Phosphorus (lbsP)

BECAUSE: Excess nutrients and sediment are harmful to aquatic life.



IN THE PHOTO TO THE LEFT, A HEALTHY STREAM & SEDIMENT/NUTRIENT IMPAIRED STREAM COME TOGETHER AT EAST & WEST BRANCH ANTIETAM CREEKS.

PHOTO CREDIT: THE INSTITUTE

LET'S DO IT OUR WAY...

IF FRANKLIN COUNTY SUCCEEDS, THE RESULTS COULD BE:

- Cleaner water to enjoy in our streams, rivers, and lakes
- Healthy wildlife
- Safer water supplies and drinking wells
- Less frequent and less severe floods

SO WE DON'T HAVE TO DO IT THEIR WAY...

IF FRANKLIN COUNTY FAILS, WE COULD EXPERIENCE:

- Polluted streams, rivers, and lakes
- Increased water treatment costs
- Increased flooding events
- New federal regulations

DID YOU KNOW...

...that BMPs can reduce storm flooding, protect stream banks, and minimize nutrient runoff?

CURRENT EFFORTS

YOU MAY ALREADY BE PART OF THE SOLUTION AND DON'T EVEN KNOW IT!

We know that many Franklin County residents already do so much for conservation of soil health and water quality for the benefit of their land and their communities.

For your good work to count toward the goals and keep stricter regulation out of Franklin County, we need to know that the practices exist.

Without proof, the regulators will continue to ask our communities to do more!

COMMON BACKYARD BMPs IN OUR COUNTY THAT PROVIDE NITROGEN REDUCTIONS:

- WETLAND CREATION/RESTORATION
- STREAMSIDE FOREST BUFFERS
- STREAM RESTORATION
- STREAMSIDE GRASS BUFFERS
- LAWN CONVERSION
- TREE PLANTING
- COVER CROPS/NO TILL ON FARMS
- STREAMBANK FENCING
- RAIN GARDENS

DO YOU HAVE OR WANT ANY OF THESE PRACTICES ON YOUR PROPERTY?

BACKYARD BMPS

DID YOU KNOW...

... that BMPs do not have to be expensive? They can be done by anyone on any scale, and sometimes even paid for by conservation programs!



WETLAND CREATION & RESTORATION

PHOTO CREDIT: ANDY STOTTEMYER



TREE PLANTING

PHOTO CREDIT: RYAN DAVIS



RAIN GARDEN

PHOTO CREDIT: ANTIE D. MWA TERSHED ASSOCIATION



GRASS & FOREST BUFFER

PHOTO CREDIT: THE INSTITUTE



LAWN CONVERSION

PHOTO CREDIT: KELLY SITCH



BEFORE: LIONS CLUB ERODING STREAM BANK

PHOTO CREDIT: FCCD



AFTER: LIONS CLUB STREAM RESTORATION

PHOTO CREDIT: FCCD

WE NEED YOUR HELP!

CALL US TO:

- **SEE** if your efforts are currently counting toward countywide goals!
- **ADD** your new and future projects to our collective progress!
- **LEARN** about types of BMPs and which ones could improve your property!
- **VOLUNTEER** with local water conservation groups!
- **FIND** and **APPLY** for resources that can assist with installing new BMPs on your land!

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 [HTTPS://WWW.FACEBOOK.COM/FRANKLINCCD/](https://www.facebook.com/franklinccd/)

 WWW.FRANKLINCCD.ORG

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"Working with Scott on Dirt and Gravel Road projects was a pleasure and asset to Lurgan Township. These projects would have never been completed without guidance and funding from the Franklin County Conservation District. Also, a big shout out to Tammy for her time on a desperately needed stream bank restoration project."

- Chip Kolb, Township Supervisor, Lurgan Township, PA