



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Chesapeake Bay Program Office

Pennsylvania's Progress: A Focus on Local Action

Senate Environmental Resources and Energy Committee
April 6, 2021

Tom Wolf, Governor

Patrick McDonnell, Secretary

Phase 3 Watershed Implementation Plan

Today we will update you on Phase 3 WIP implementation progress, next steps, and upcoming opportunities.

Agenda

- What Success Looks Like
- How We're Working Together To Succeed
- What to Expect in the Future

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What Success Looks Like



Farm BMP Project, Lancaster County - Project funded by a DEP 2020 CAP Implementation Grant

- Heavy use area improvements
- Runoff controls
- Stream crossings
- Stream bank buffer
- Livestock exclusion fencing installed/improved
- Manure management facilities (stacking area and manure storage)

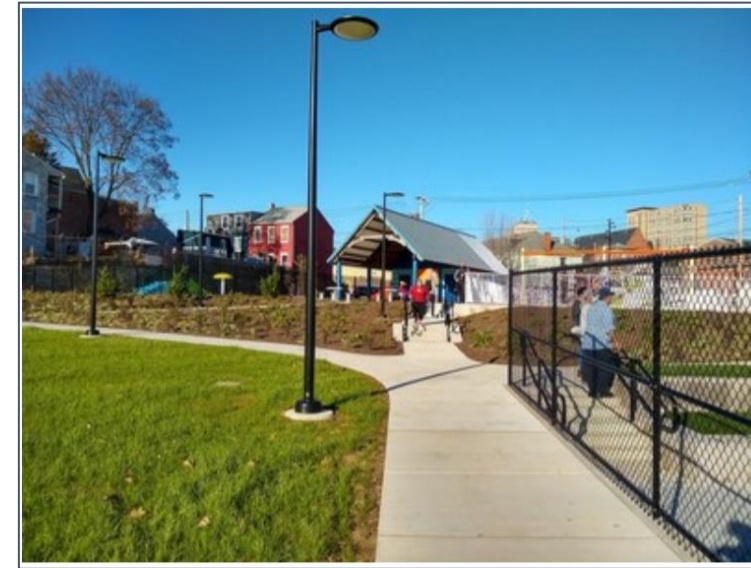
What Success Looks Like



Pennsylvania Department of Conservation and Natural Resources - Buffer Planting Funds

- Planting funding for fiscal year 2020-2021 will result in 110 acres of new forest buffers.
- Projects will be recorded in PracticeKeeper for the first time.
- A homeowner outreach campaign resulted in 180 landowners reaching out to DCNR with interest in planting forest buffers along streams on their properties.
- The Farm Bureau is aiding in outreach to agricultural landowners.
- DCNR is hiring two staff, one to aid buffer outreach and one to focus on TreeVitalize tree canopy and lawn conversion work.

What Success Looks Like



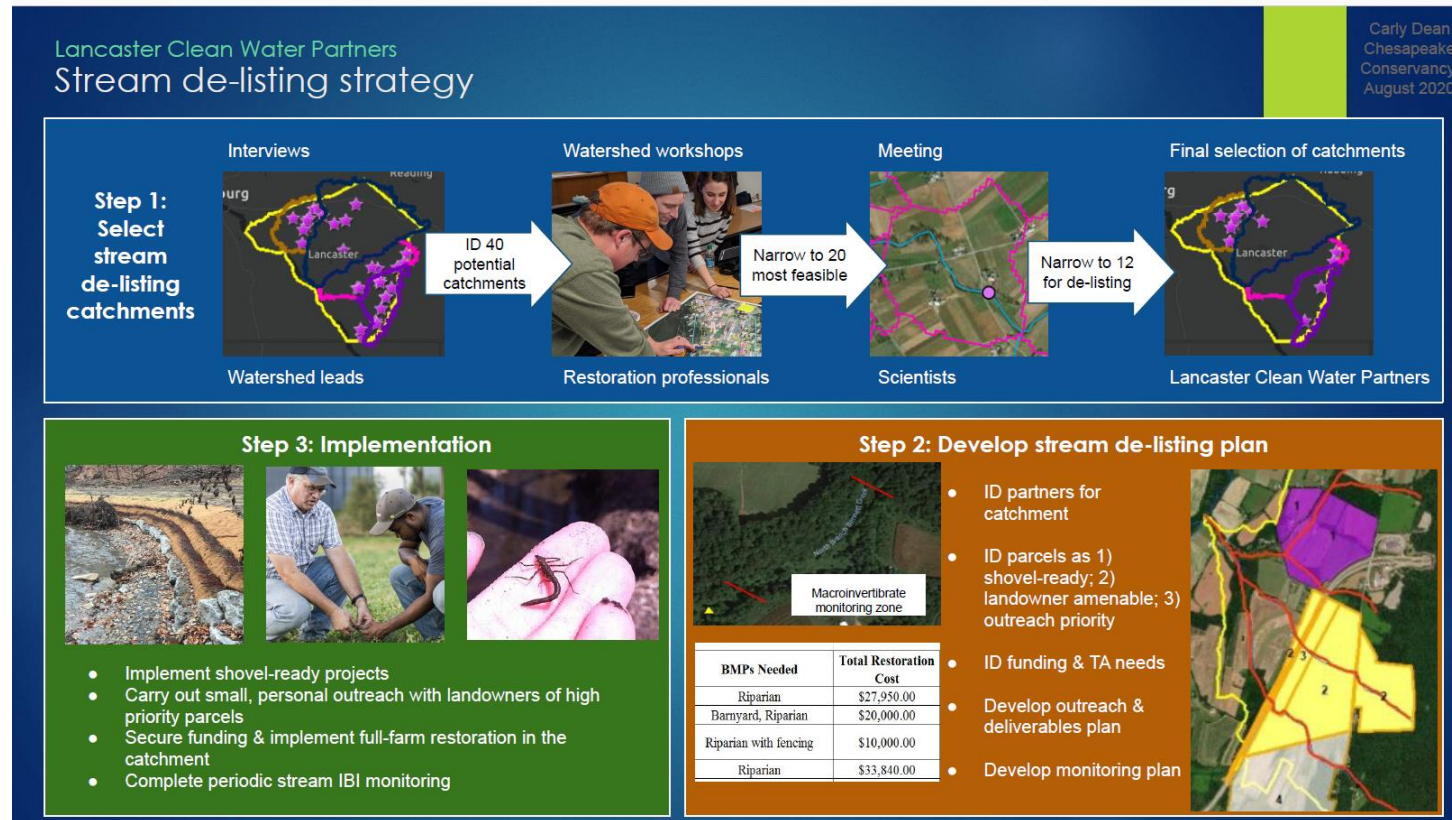
Culliton Park Renovation, Lancaster County - Project funded by a DEP 2020 CAP Implementation Grant

- Two rain gardens/bioretention areas and a subsurface infiltration bed installed to manage stormwater from 1.48 acres.
- The green infrastructure is expected to capture over 1.3 million gallons of stormwater and remove over 5,200 pounds of sediment, 14.80 pounds of phosphorus, and 5.97 pounds of nitrogen.
- Culliton Park (formerly Farnum Park) is one of the city's largest public parks. This project has been several years in the making. After extensive input from neighborhood residents, the design was completed, and construction commenced in February and finished in November 2020.



Continue to build partnerships

Continue to Build Partnerships



Rapid Stream De-Listing Strategies – New Partnerships using Data and Mapping Tools

- Identify and prioritize small ag-impaired watersheds to restore in a short period of time

Continue to Build Partnerships

“We have a relationship with USGS on water quality monitoring that would not have happened without focus on the CAP. That’s a partnership we were trying to forge for years, but there just wasn’t the right emphasis or attention on the need around monitoring, and what could be done. All of the stars kind of aligned when we developed the CAP to highlight why it’s important.”

*— Felicia Dell, Director
York County Planning Commission*



Continue to Build Partnerships

Fish and Boat Commission:

- Expansion of the Northcentral Stream Restoration Model

PennDOT:

- Reporting of almost 1,000 additional stormwater BMPs toward 2020 progress

National Fish and Wildlife Foundation:

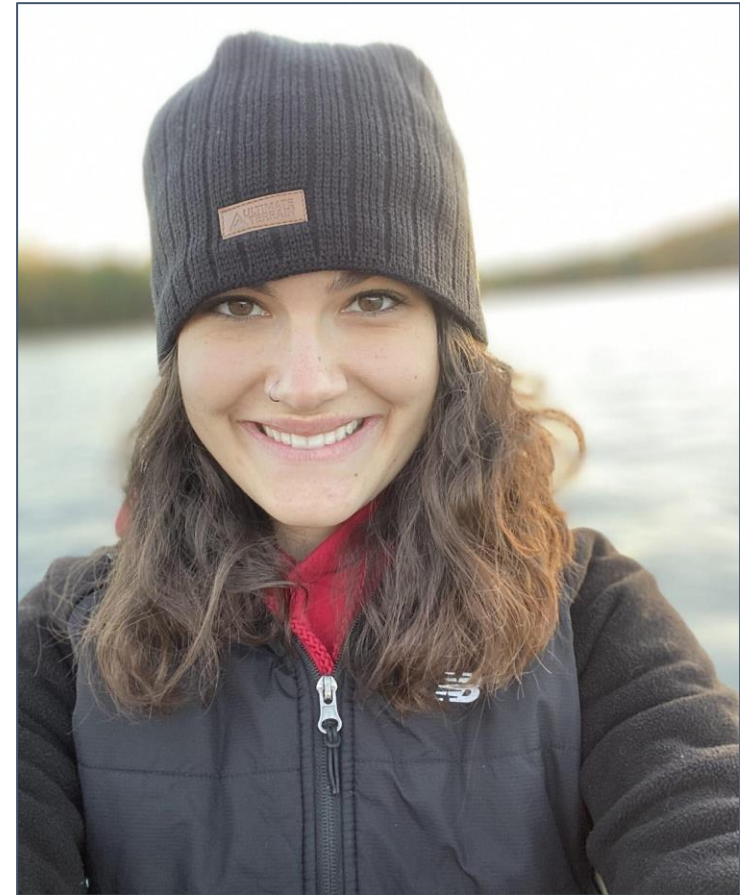
- Local Government Implementation grant administration on behalf of DEP
- Chesapeake Bay INSR and Small Watersheds grant funding
- PA Most Effective Basin Agricultural Implementation grant funding



Continue to Build Partnerships

“Our Countywide Action Plan is about 75 percent focused on agriculture, so it is hugely important to have representation from the Farm Bureau and landowners.”

—*Caitlin Lucas, Clean Water Action Plan Coordinator
Franklin County Conservation District*



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How We're Working Together to Succeed

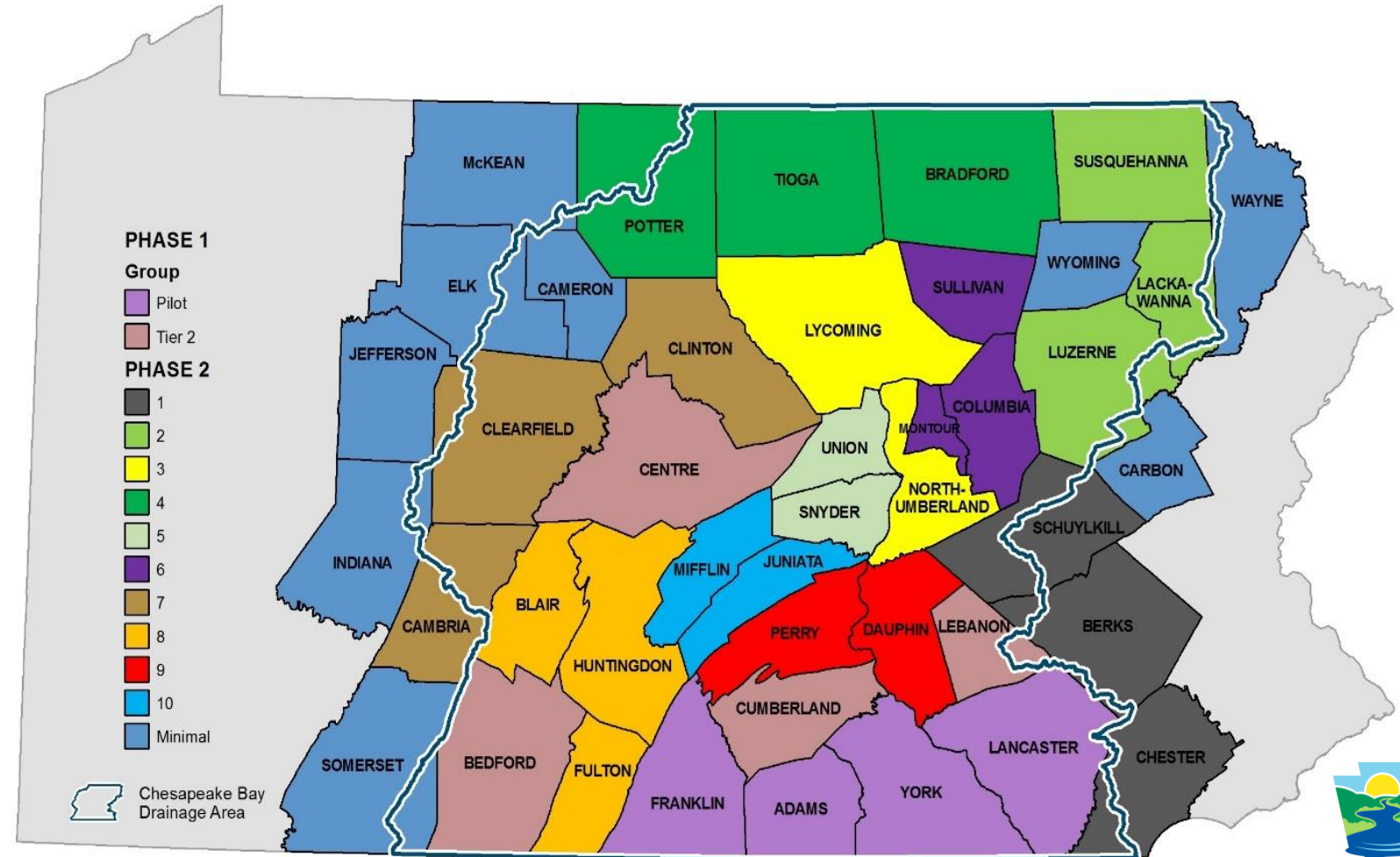
CAP Completion Timeline

Phase 1 (Individual Counties):

- Pilot – 2019
- Tier 2 – 2020

Phase 2 (County Clusters):

- Tier 3 and 4 – 2021



How We're Working Together to Succeed

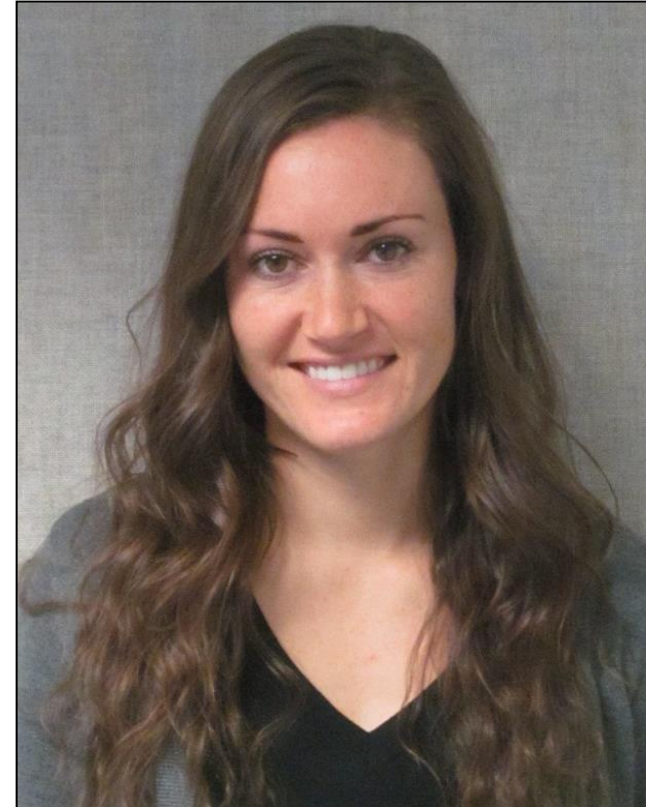
- Webinar Wednesdays and Touch Base Tuesdays
- Coordinator Training Academy
- One-on-one Meetings with Counties
- Materials and training to support county teams' local outreach needs



How We're Working Together to Succeed

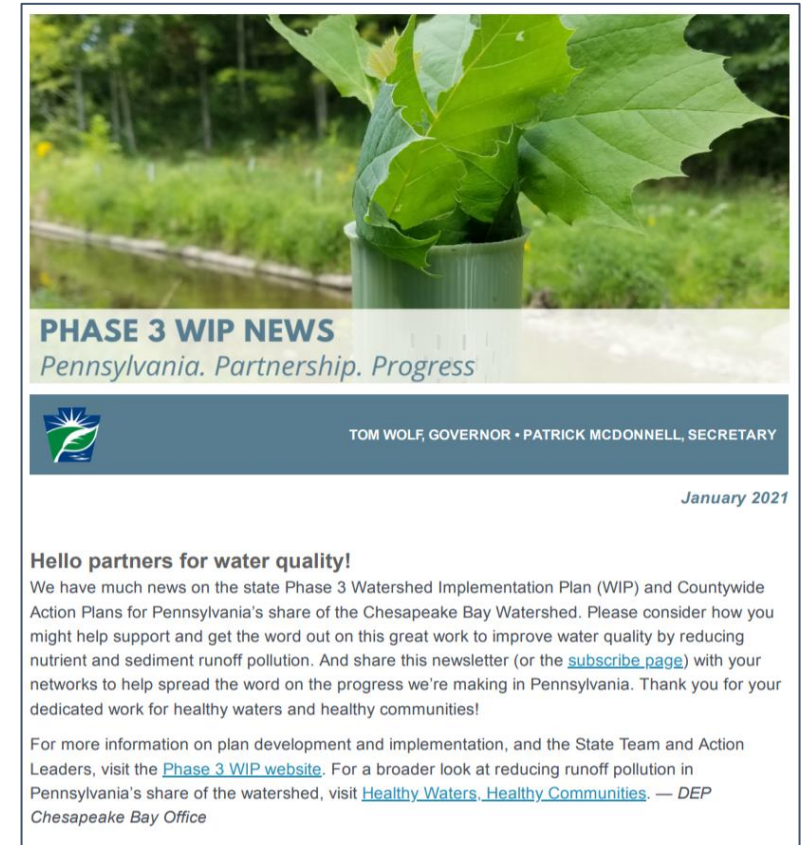
“Every county is different and they are each approaching this task differently. I think it's very beneficial to hear what other people have been doing, to get some ideas on how it works, and what best fit that specific county. Don't recreate the wheel or feel like you have to start from scratch. There are a lot of templates and guidance out there that you can use.”

*– Katie Doster, District Manager
Lebanon County Conservation District*



How We're Working Together to Succeed

- [Healthy Watersheds, Healthy Communities](#) story map: 3,000+ views
- Clean Water Academy: Web-based training modules
- Chesapeake Bay Phase 3 WIP Website updates
- Materials and training to support county teams' local outreach needs
- [Tracking Pennsylvania's Progress](#): Adding public transparency for milestone commitments and progress
- [Phase 3 WIP News](#) monthly e-newsletter: Increasing subscribers

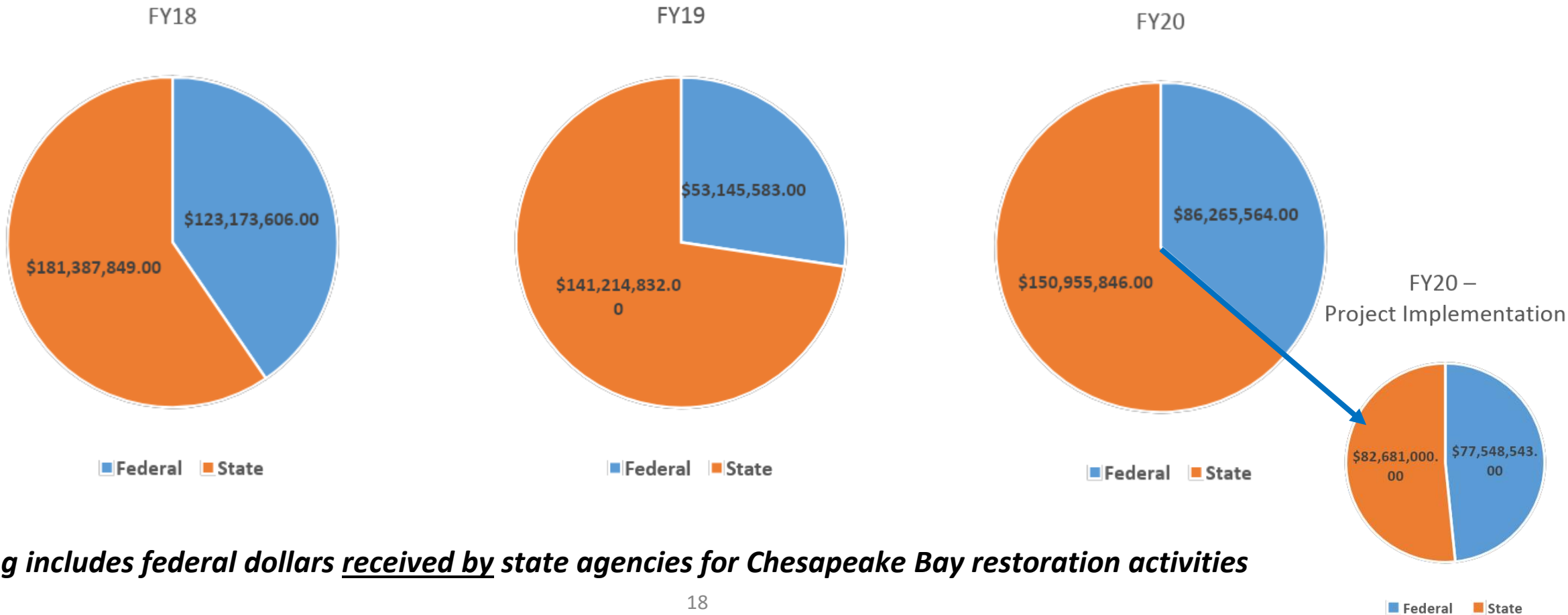


A photograph of a green roof in Lancaster County. The roof is covered with a dense layer of low-growing, green plants with small yellow and red flowers. Several large, brown HVAC units are mounted on the roof. In the background, there are trees and a brick building with a gabled roof.

Accelerate Implementation through Funding

Accelerate Implementation through Funding

Chesapeake Bay Accountability and Recovery Act State and Federal Funding Reporting Requirement



Reporting includes federal dollars received by state agencies for Chesapeake Bay restoration activities

Accelerate Implementation through Funding

USDA Federal Financial Assistance: October 1, 2019 – September 30, 2020

| Chesapeake Bay Watershed | Count of Contracts | Sum of Obligation | Sum of Contract Acres |
|--------------------------|--------------------|---------------------|-----------------------|
| ACEP 2018 | 4 | \$158,340 | 95 |
| AMA 2018 | 7 | \$122,347 | 39 |
| CSP 2018 | 90 | \$3,329,182 | 29,175 |
| CSP-GCI 2018 | 9 | \$10,201 | 116 |
| EQIP 2018 | 246 | \$14,731,550 | 25,015 |
| RCPP-EQIP 2014 | 28 | \$1,930,331 | 4,265 |
| Grand Total | 384 | \$20,281,950 | 58,705 |

Accelerate Implementation through Funding

Chesapeake Bay Office Funds administered in late 2020 and early 2021:

- October: Section 319 Grants awarded
 - Over \$1 million awarded to Section 319 projects in Phase 1 counties
- November: CAP Implementation and Coordinator Grants
 - Over \$6 million awarded in Phase 1 counties
- December: Growing Greener Plus Grants awarded
 - Over \$9 million awarded to watershed restoration project implementation in Phase 1 counties
 - Over \$16 million awarded in the Chesapeake Bay Watershed in total
- January: Coordinator Grants awarded in Phase 2 counties
 - \$1 million available to Phase 2 counties for 10 coordinators

Accelerate Implementation through Funding

Conservation Excellence Grant (CEG)

FY2019-2020

- **Lancaster and York (Tier 1)** \$1,250,000 each in state funds
- **Lancaster Farmland Trust Public Private Partnership (PPP)** \$1,154,000 in federal CBIG funds to implement ag projects in Salisbury Township, Lancaster County
- **Franklin and Cumberland (Tier 2)** \$1,154,000 each in federal CBIG funds

FY2020-2021 - proposed

- **Lancaster (Tier 1)** \$500,000 in state funds
- **Bedford and Centre (Tier 2)** \$750,000 each in state funds

Accelerate Implementation through Funding

“We've definitely had success already with on-the-ground project implementation. The funding that DEP gave us for CAP implementation, the flexibility of those dollars has been extremely helpful, and we appreciate being able to get that to the projects on the ground quickly and be responsive to the local decision making.”

— *Allyson Gibson, Coordinator
Lancaster Clean Water Partners*



Clean water:
Great for PA
Good for the Bay

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What to Expect in the Future

- **Expand collaboration:** Continue to work with multi-agency programs to increase efficiencies and outcomes.
- **Implement Best Management Practices:** Accelerate through additional and flexible funds for project implementation and staff.
- **Expand technical assistance:** Focus on-demand and necessary training for internal and external personnel.
- **Share success stories:** Work with state and county partners to share our progress.



Cumberland County –
Installation of Big Spring Native Pollinator Garden.



Lancaster County –
Donegal Trout Unlimited at Clean Water Fund project site



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Chesapeake Bay Program Office

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