



Delaware's Phase III WIP

LGAC Meeting
June 6, 2019

Jim Sullivan

Nonpoint Source Program Planner



Delaware's Chesapeake Bay

Watershed Implementation Plan



Phase 321

DELAWARE



CHESAPEAKE

PROGRESS

Significant changes and updates:

- New groupings by Sector.
- BMP implementation levels that will meet Delaware's 2025 nutrient planning targets. DE's Phase III WIP includes a breakdown for:
 - comparisons to 2017 progress,
 - potential funding sources, and
 - and identification of challenges to meeting goals.
- Revisions, additions, and improvements have been made to available programs, funding sources, and BMPs.
- New sections added to address local engagement, climate change, co-benefits, accounting for growth, and the Conowingo Dam.

Planning Targets

| Chesapeake Loads | Target (million lbs/year) | Phase III WIP (million lbs/year) |
|------------------|------------------------------|-------------------------------------|
| Nitrogen | 4.55 | 4.462 |
| Phosphorus | 0.108 | 0.081 |

Timeline & Approach

2017

WIP Quarterly Meeting

March 8, 2017

Phase III WIP Kickoff Meeting

Meeting with Phase II Sector Leads
March 21, 2017

WIP Quarterly Meeting

June 6, 2017

WIP Quarterly Meeting

September 5, 2017

WIP Quarterly Meeting

December 5, 2017

WIP Steering Committee Kickoff Meeting

February 28, 2018

Phase III WIP Informational Meeting

March 6, 2018

WIP Steering Committee 2nd Meeting

Approved methods for planning goals
March 8, 2018

**Draft DE Local Planning Goals
Developed**

Sectors given local planning goals
March 14, 2018

WIP Steering Committee 3rd Meeting

May 7, 2018

Agricultural Sector Kickoff Meeting

June 28, 2018

Developed Sector Kickoff Meeting

June 28, 2018

Agricultural Sector 2nd Meeting

July 17, 2018

Developed Sector 2nd Meeting

July 30, 2018

Agricultural Sector 3rd Meeting

August 27, 2018

Developed Sector 3rd Meeting

September 20, 2018

DE Local Planning Goals Adjusted

September 2018

WIP Steering Committee 4th Meeting

October 29, 2018

Agriculture Sector 4th Meeting

December 11, 2018

2018

Agriculture Week Presentations

Presented plan for the Agricultural Sector
January 17, 2019

WIP Steering Committee Meeting

Draft WIP provided for comments
February 15, 2019

**Draft WIP Submitted to EPA
Public Comment Period Opens**

April 12, 2019

EPA WIP Evaluation

June 4, 2019

Public Comment Period Closes

EPA Feedback

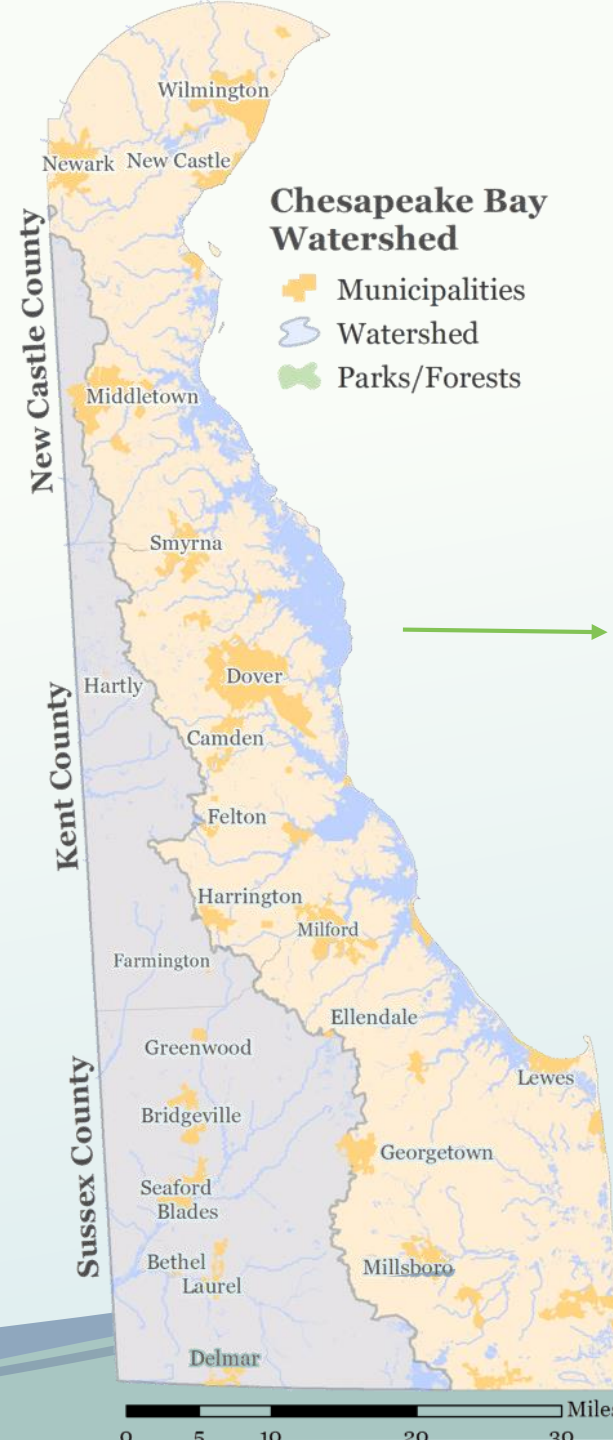
June 7, 2019

Final WIP Due to EPA

August 9, 2019

2019

Defining “local”



1. Counties

New Castle
Kent
Sussex

2. Sectors

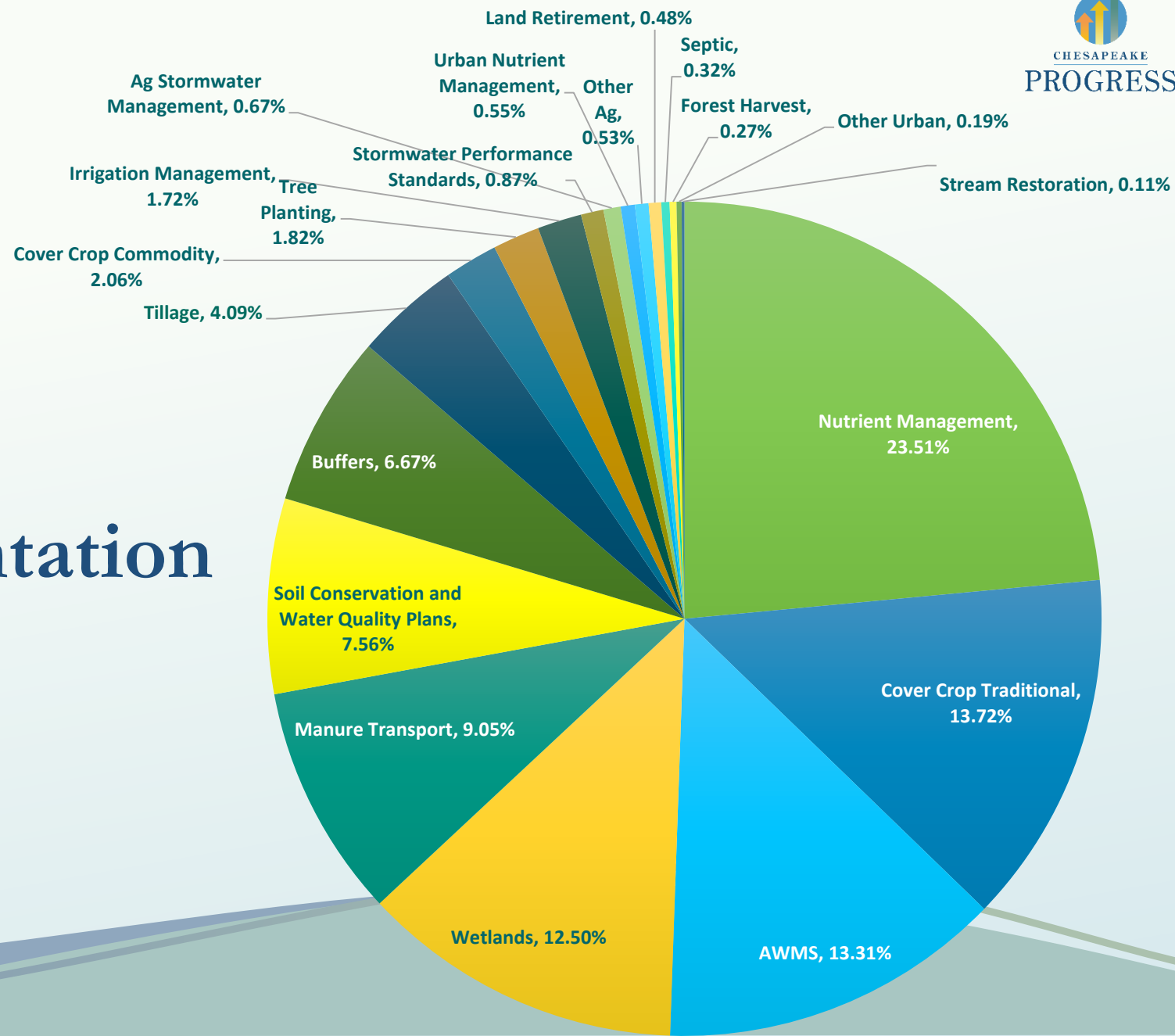
Developed

*includes the natural load from
New Castle County

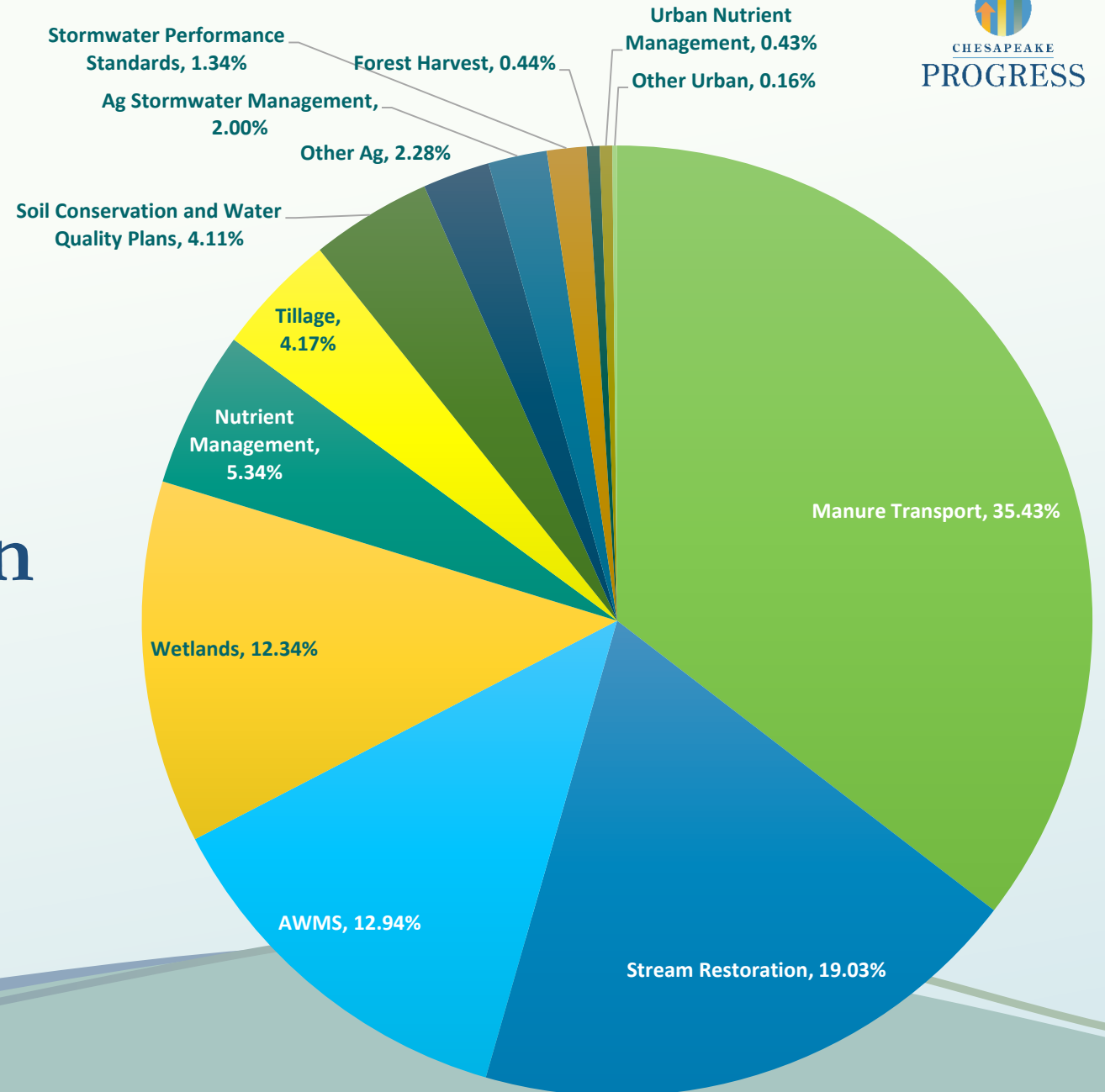
Agriculture

* Includes the natural load from
Kent and Sussex Counties

BMP Implementation Levels for Nitrogen



BMP Implementation Levels for Phosphorus



A stylized map of the Chesapeake Bay region, showing the bay and surrounding land areas in shades of green and grey. The map is positioned on the left side of the slide.

Developed Sector Priorities

- BMPs chosen based on cost-effectiveness and ease of implementation because of existing and potential funding and landowner interest
- Expansion of State Revolving Fund funding to urban best management practices

Nitrogen & Phosphorus:

1. Stormwater Performance Standards
 2. Urban Nutrient Management
 3. Other Urban BMPs
- 
- Decorative wavy lines in shades of blue and green at the bottom of the slide.

Agricultural Sector Priorities

- Expansion of the Watersheds Program in the new Farm Bill
- Creative solutions to support underfunded priority practices such as cover crops

Nitrogen:

1. Nutrient Management Core N
2. Cover Crop
3. Wetlands

Phosphorus :

1. Manure Transport
2. Stream Restoration
3. Animal Waste Management

New Financing Strategies

- Creative solutions to support underfunded priority practices such as cover crops.
 - Additional ~\$3M in FY20
- Expansion of State Revolving Fund funding to urban best management practices;
 - Additional ~\$2.5M in FY20
- Expansion of Watersheds Programs in the new Farm Bill
- Utilizing USDA and District partnerships to fund additional practices and exploring new RCPP partnerships

Interested in learning more?

Visit us at http://bit.ly/DE_P3WIP
or access the draft WIP at
http://bit.ly/DE_Phase3WIPdoc

Public comments will be accepted until June 7th

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