

Welcome to Lycoming County's Countywide Action Plan (CAP) Check-In Meeting



Meeting goals:

- **Discuss DEP meeting updates and Draft 1 BMP reductions**
- **Strategize BMPs and future CAST model runs**
 - **Cover Peer Group Updates**
 - **Meeting schedule changes**
- **Current prioritization strategy**
- **Plan Next Steps**



Agenda:

- **DEP meeting updates**
- **Review BMP reductions**
- **Draft Benchmarks**
- **Peer Group meeting schedule changes**
- **Draft prioritization strategy**
- **Next steps**

DEP Meeting Updates

DEP Mid-Point Check-In Meeting (June 17th)

- Be **specific** about our resource needs/recommendations. We need “X” resource to be able to achieve “X” outcome
 - What would we *like to do* that other counties have done?
 - What *changes* would we like to make to existing practices (like the Transect Survey)?
 - What *recommendations* do we have to improve (again, like the Transect Survey)?
 - What *funding, support, services, or staff* would we need to achieve our goals?
- Multiple BMPs can be captured under one project
- Land use/watershed location affects reduction rates
 - Prioritizing “hot spot” watersheds will be important
- Projects we can include (reporting caveat):
 - MS4 projects
 - Section 319 areas (may not have any in Lyco Co)
 - NRCS projects
 - Existing practices

DEP Meeting Updates

CAST Run Results Meeting (June 17th)

- Use the new BMP template
 - We can report existing and new BMPs in new template
- We're at 4% nitrogen and 8% phosphorus reductions based on our submission (breakdown on next slides)
- Use Toolbox recommendations
- Review DEP's comments on CAP draft

BMP Reductions

Lycoming County's Clean Water Goal

Figure 2. Countywide Goal for Lycoming County

Year	Nitrogen (pounds/year)	Phosphorus (pounds/year)
	Delivered to Local Lycoming County Waterways	Delivered to Local Lycoming County Waterways
1985	6,536,000	598,000
2019	5,387,000	348,000
2025 (Final TMDL Planning Target)	4,152,000	272,000
Remaining Load to be Achieved Through Local Planning Goals	1,235,000	76,000

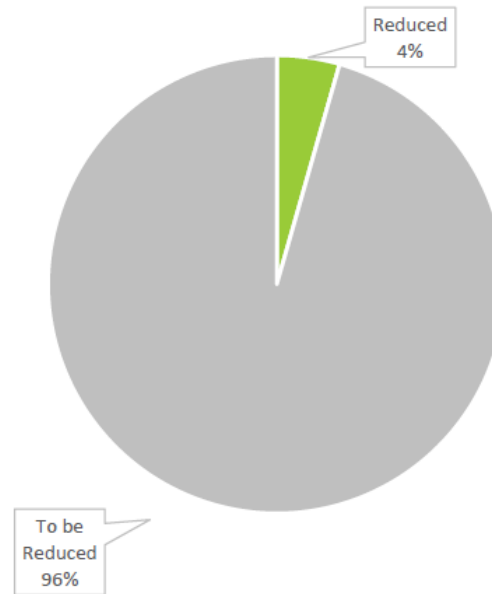
BMP Reductions

1	Cover Crop	AC	ACRE	2,000 additional acres by 2025
2	No Tillage	Acres	ACRE	2,000 additional acres by 2025
3	Riparian Forest Buffer	Acres	ACRE	1,000 additional acres by 2025
4	Streambank Restoration	Linear Feet	FEET	10,000 linear feet by 2025
5	Nutrient Management Core N	Acres	ACRE	1,000 additional acres by 2025
6	Reduction of Impervious Surface	Acres	ACRE	50 acres
7	Green Roofs	Area Treated	ACRE	5 acres
8	Bioswale	Area Treated	ACRE	10 acres
9	Tree Planting	Area Planted	ACRE	200 acres
10	Rain Garden	Contributing Area	ACRE	10 acres
11	D&G Road - E&S Control and Outlets	Length	FEET	52,800 feet by 2025
12	Wetland Restoration	Acre	ACRE	100 acres by 2025
13	New Runoff Reduction	Area Treated	ACRE	200 acres of new easement areas for stormwater runoff reduction by 2025

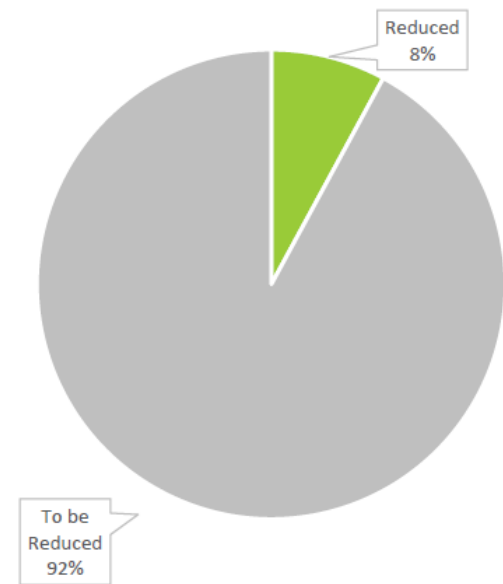
BMP Reductions

	Nitrogen (lbs/year)	Phosphorus (lbs/year)
Current Load	5,111,000	342,000
BMP Scenario Reduction	42,500	5,500
BMP Scenario Load	5,068,500	336,500
2025 Planning Target Load	4,152,000	272,000

Nitrogen



Phosphorus



Draft Benchmarks

- Draft 2 submission (*was end of June*), now will be Tuesday, July 6th.
- Draft 3 submission (*was end of July*), now will be Monday, August 9th.
- Final draft September 30th



Peer Group Meetings

- Pausing future Peer Group meetings EXCEPT FOR Implementation and Ag Peer Groups
- We will have one-on-one/small group technical meetings instead
 - Municipal follow-up from survey/park improvements in municipalities
 - Technical ag meetings
 - Watershed-specific meetings, etc.



Draft Prioritization Strategy

- Tier 1 – Priority scoring weight
 - Reduction capacity
 - “Project efficiency” (best bang for your buck projects)
- Tier 2 – Secondary scoring weight

Planning			Technical				Coordination		Public support				
Project has its own plan	Project is consistent with a plan	Project is referenced in a plan	Proximity to a stream	Structures/ infrastructure at risk	Technical feasibility	Type of stream impairment	Project complements other existing work in the watershed	Number of contributing partners/ entities	Public was involved in planning process	Group involvement	Interest in maintenance/ volunteering	Letters of support provided	Support from nearby landowners adjacent to project

Co-benefits							Logistics			
Improve local economy	Provide/ improve aquatic habitat	Provide/ improve terrestrial habitat	Improves public infrastructure	Improves recreational opportunities	Project remediates brownfield site	Contributes to education/ outreach initiatives	Contains threatened or endangered species habitat	Project readiness	Procurement/ landowner consent	Ability to fund 100% of project

Next steps

Draft 2 submission

- Strategize based on DEP feedback and suggestions
- Work toward reducing nutrients

Meetings

- We will reach out to schedule smaller technical meetings
- Peer Group meeting schedules will be updated on the web page
- Stakeholder check-in meeting materials on web page: lyco.org/CWAP

Outreach

- Continued outreach to the public and ag community
 - Virtual Open House (June 16)
 - Lycoming County Fair (July 14-24)
- Surveys – links to fillable pdf's and web surveys available
 - Ag Practices survey
 - Landowner Outreach survey

Prioritization

- Improve and refine prioritization scoring

Questions



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For more information visit <https://www.lyco.org/CWAP>

Photo credits

Slide numbers 1 and 9 – Northcentral PA Conservancy

Slide number 13 – Susquehanna Greenway Partnership

All others not noted – Lycoming County PCD

