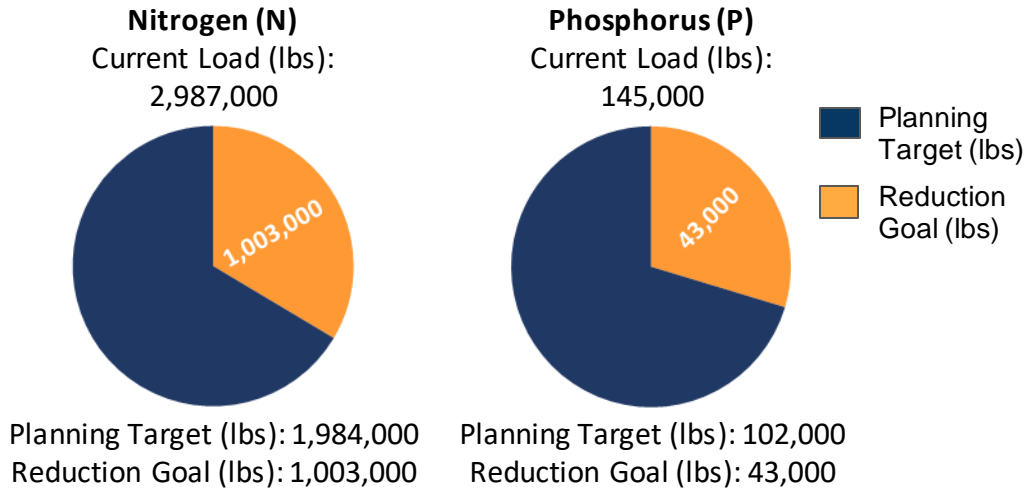


Mifflin County, Pennsylvania

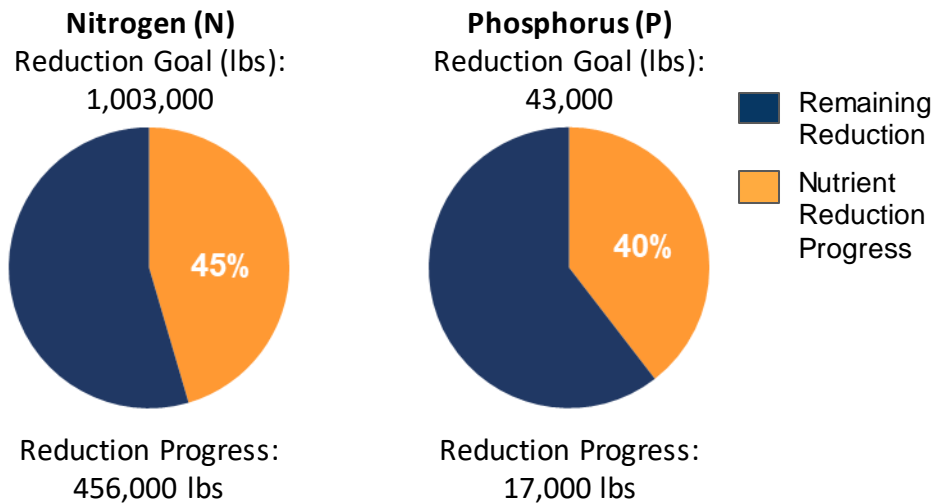
Current Conditions

Mifflin County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 2.99M lbs of nitrogen and 145K lbs of phosphorus annually. By 2025 Mifflin County needs to reduce 1M lbs of nitrogen and 43K lbs of phosphorus.



Pollutant Reduction Progress

By 2025, Mifflin County needs to reduce 1M lbs of nitrogen and 43K lbs of phosphorus. Mifflin County has developed a plan to reduce 456K lbs of nitrogen, which is 45% of the goal and 17K lbs of phosphorus, which is 40% of the goal.

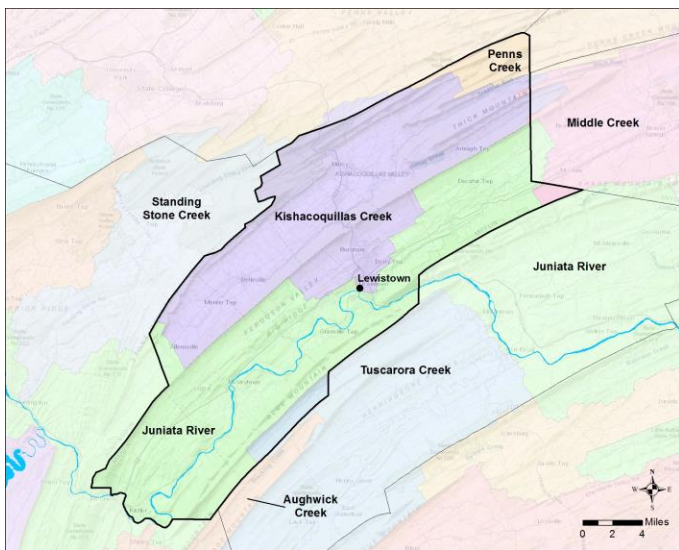


Sector Reductions

Mifflin County has identified reductions within two sectors within their planning template: agriculture and natural. Projected land use changes and population changes results in increases within three sectors: developed, septic, and wastewater. Mifflin County has identified practices that result in total reductions of 456K lbs of nitrogen and 17K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-466,000	-14,000
Developed	+2,000	+100
Natural	-21,000	-5,000
Septic	+1,000	-
Wastewater	+28,000	+1,000
Total Reductions	-456,000	-17,000

Mifflin County Watershed Map



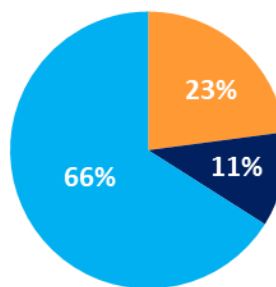
Information About the Watersheds

Mifflin County contains 5 major watersheds: Juniata River, Kishacoquillas Creek, Middle Creek, Penns Creek, and Tuscarora Creek. Watersheds in Mifflin County have elevated levels of nitrogen, phosphorus, and sediment. Of the 664 total stream miles in Mifflin County, approximately 21% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), metals, and nutrient pollution.

County Land Use:

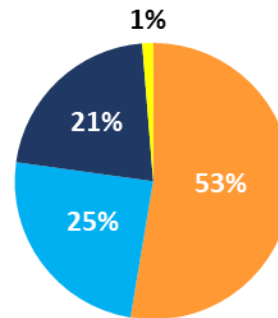
Mifflin County has a total acreage of 265,416 acres in the Bay watershed. Agricultural land represents 23% of the total land with 60,836 total acres. Developed land represents another 11% of the total land in Mifflin County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 66% of the land in Mifflin County. Cropland makes up a majority of the Agriculture sector with 32,017 acres. The developed sector is mostly Non-Municipal Separate Storm Sewer Systems (MS4s) (99%) 29,111 acres with a very small portion of MS4s (1%) 241 acres.

Mifflin County:
Total Acres: 265,416



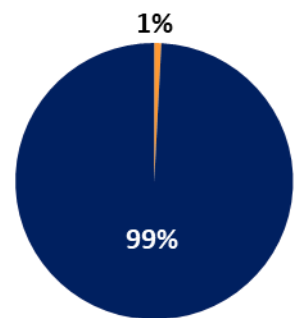
■ Agriculture
■ Developed
■ Natural

Agriculture:
Total Acres: 60,836



■ Cropland
■ Hay
■ Pasture
■ Other Ag

Developed:
Total Acres: 29,352



■ MS4
■ Non MS4

Local Benefits:

Storm events are the number one way for nutrients and sediment to enter waterways. Increased runoff impacts: flooding, water quality, habitat, etc. Pollutants enter the waterways by two methods: overland runoff or leaching into groundwater.



Flooding affects safety, property, infrastructure, and economics.



Mifflin County relies on local water sources to supply drinking water to its residents.



Just like humans, Mifflin County's livestock depend on clean water.

Learn more and Get Involved

To learn more about the Countywide Action Plans, visit DEPs Countywide Action Plans website: www.dep.pa.gov/pacountywideactionplans.org

To learn more about how to get involved, go to the Join In website (www.dep.pa.gov/joinpacap.org) to find a contact person for each county.

