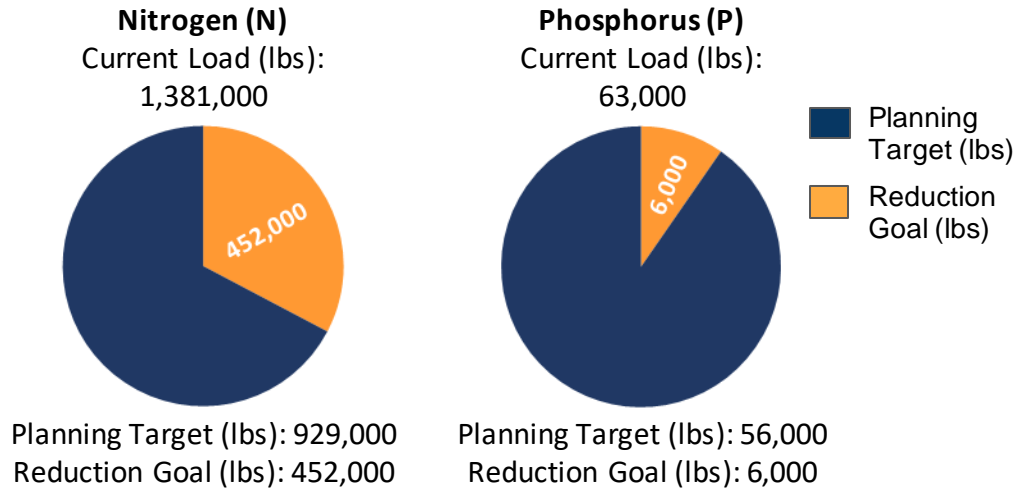


Montour County, Pennsylvania

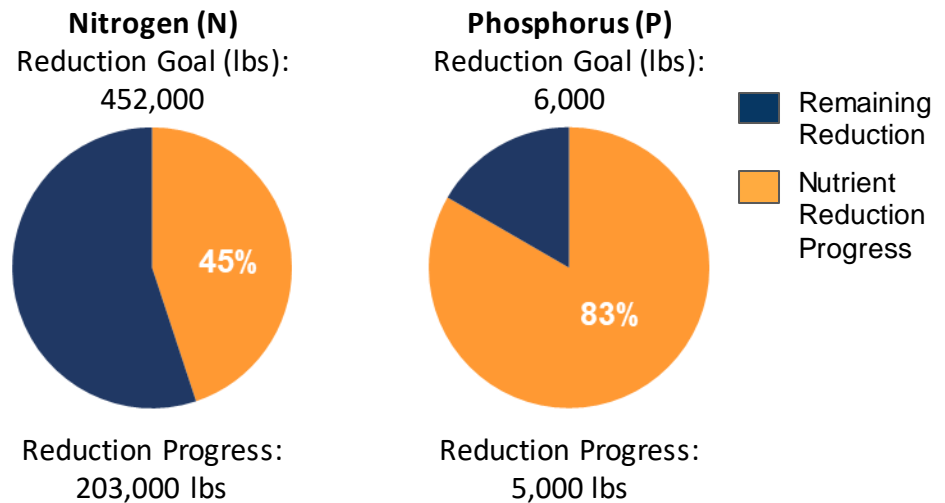
Current Conditions

Montour County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 1.38M lbs of nitrogen and 63K lbs of phosphorus annually. By 2025 Montour County needs to reduce 452K lbs of nitrogen and 6K lbs of phosphorus.



Pollutant Reduction Progress

By 2025, Montour County needs to reduce 452K lbs of nitrogen and 6K lbs of phosphorus. Montour County has developed a plan to reduce 203K lbs of nitrogen, which is 45% of the goal and 5K lbs of phosphorus, which is 83% of the goal.

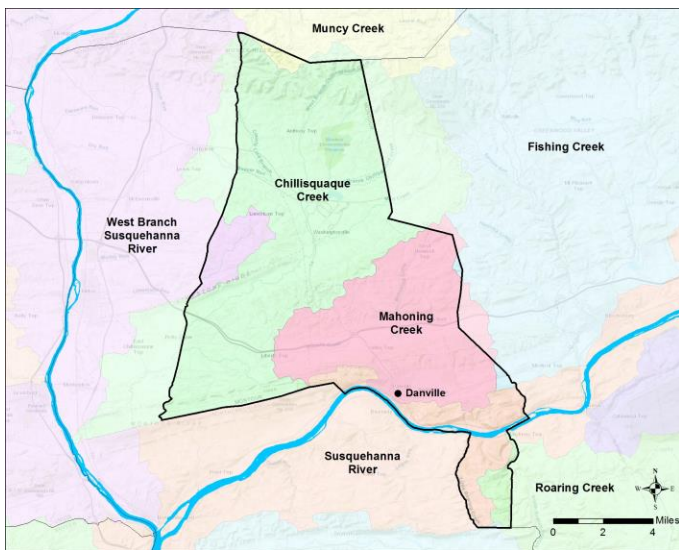


Sector Reductions

Montour 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. Montour County has identified practices that result in total reductions of 203K lbs of nitrogen and 5K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-247,000	-6,000
Developed	+4,000	+200
Natural	-9,000	-2,000
Septic	+1,000	-
Wastewater	+49,000	+4,000
Total Reductions	-203,000	-5,000

Montour County Watershed Map



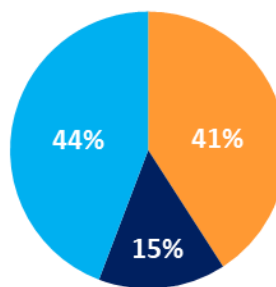
Information About the Watersheds

Montour County contains 7 major watersheds: Chillisquaque Creek, Fishing Creek, Mahoning Creek, Muncy Creek, Roaring Creek, and Susquehanna River, and West Branch Susquehanna River. Watersheds in Montour County have elevated levels of nitrogen, phosphorus, and sediment. Of the 306 total stream miles in Montour County, approximately 50% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), metals, and nutrient pollution.

County Land Use:

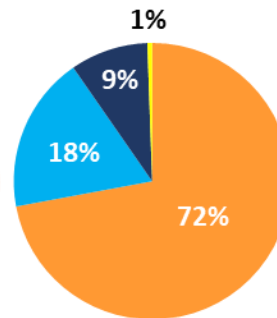
Montour County has a total acreage of 84,690 acres in the Bay watershed. Agricultural land represents 41% of the total land with 34,614 total acres. Developed land represents another 15% of the total land in Montour County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 44% of the land in Montour County. Cropland makes up a majority of the Agriculture sector with 24,949 acres. The developed sector is mostly Non-Municipal Separate Storm Sewer Systems (MS4s) (82%) 10,319 acres with a smaller portion of MS4s (18%) 2,329 acres.

Montour County:
Total Acres: 84,690



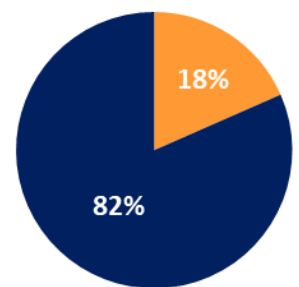
■ Agriculture
■ Developed
■ Natural

Agriculture:
Total Acres: 34,614



■ Cropland
■ Hay
■ Pasture
■ Other Ag

Developed:
Total Acres: 12,649



■ 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.



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



Just like humans, Montour 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.

