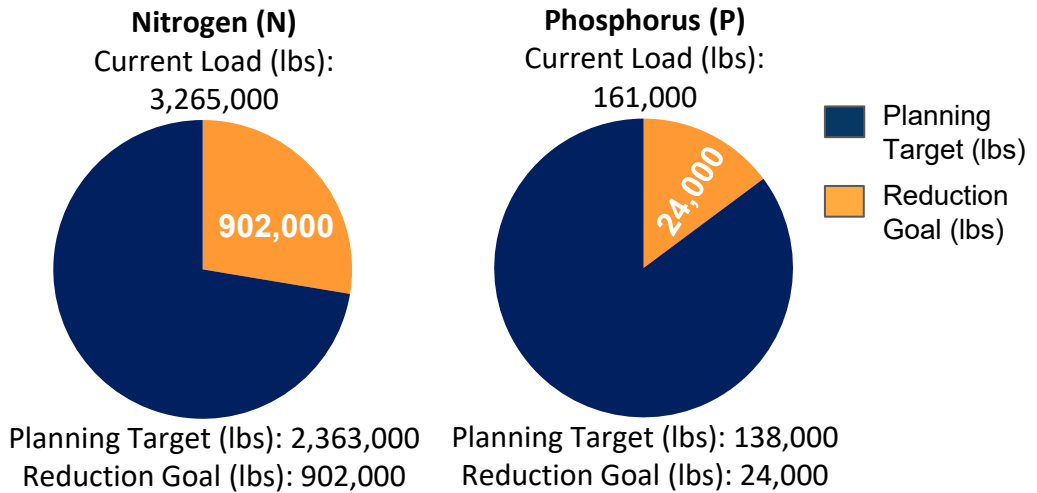


Schuylkill County, Pennsylvania

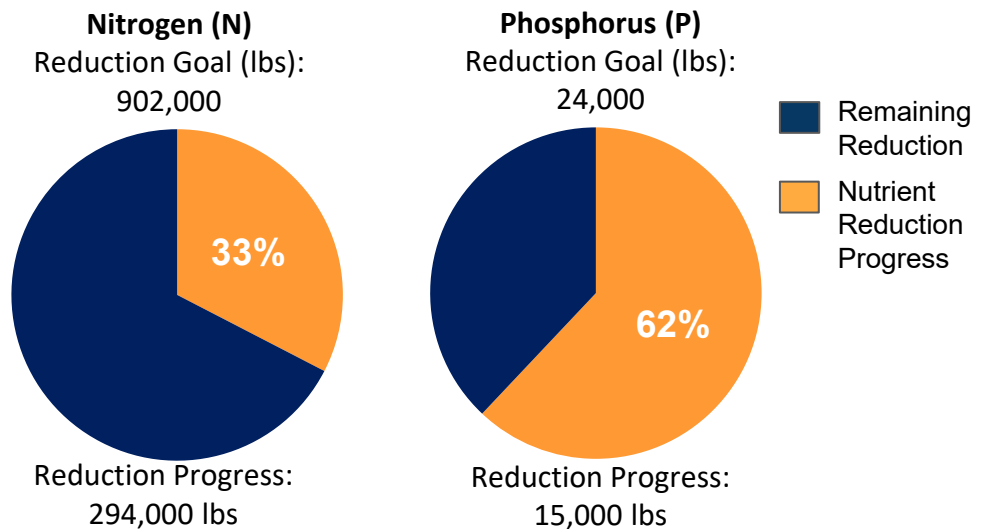
Current Conditions

Schuylkill County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 3.27M lbs of nitrogen and 161K lbs of phosphorus annually. By 2025 Schuylkill County needs to reduce 902K lbs of nitrogen and 24K lbs of phosphorus.



Pollutant Reduction Progress

By 2025, Schuylkill County needs to reduce 902K lbs of nitrogen and 24K lbs of phosphorus. Schuylkill County has developed a plan to reduce 294K lbs of nitrogen, which is 33% of the goal and 15K lbs of phosphorus, which is 62% of the goal.

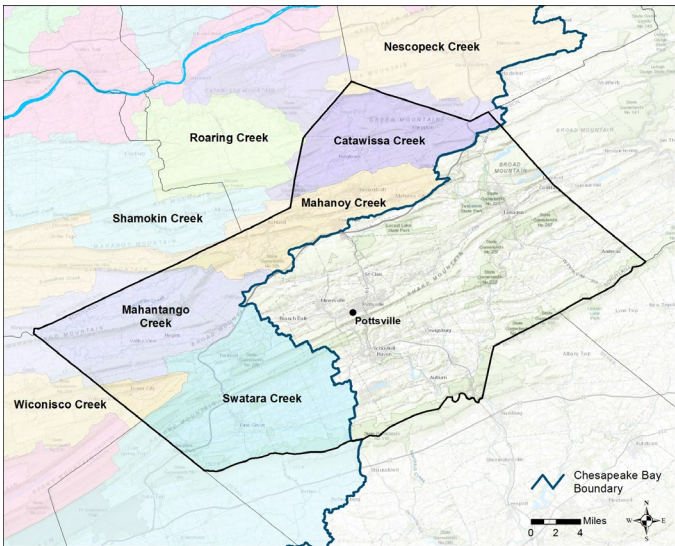


Sector Reductions

Schuylkill County has identified reductions within three sectors within their planning template: agriculture, natural and septic. Projected land use changes and population changes results in increases within the wastewater sector and no change in the developed sector. Schuylkill County has identified practices that result in total reductions of 294K lbs of nitrogen and 15K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-309,000	-15,000
Developed	0	-1,000
Natural	-11,000	-4,000
Septic	-2,000	0
Wastewater	+28,000	+6,000
Total Reductions	-294,000	-15,000

Schuylkill County Watershed Map



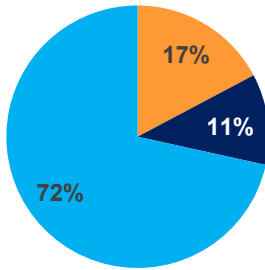
Information About the Watersheds

Schuylkill County contains 6 major watersheds: Catawissa Creek, Mahanoy Creek, Mahantango Creek, Nescopeck Creek, Swatara Creek, and Wiconisco Creek. Watersheds in Schuylkill County have elevated levels of nitrogen, phosphorus, and sediment. Of the 512 total stream miles in Schuylkill County, approximately 43% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), metals, nutrient pollution and others.

County Land Use:

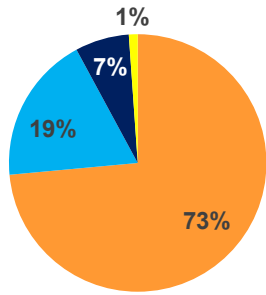
Schuylkill County has a total acreage of 256,394 acre in the Bay watershed. Agricultural land represents 17% of the total land with 44,220 total acres. Developed land represents another 11% of the total land in Schuylkill County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 72% of the land in Schuylkill County. Cropland makes up a majority of the Agriculture sector with 32,520 acres. The developed sector is mostly Non- Municipal Separate Storm Sewer Systems (MS4s) (99%) 28,716 acres and a smaller portion of MS4 (1%) 388 acres.

Schuylkill County:
Total Acres: 712,306



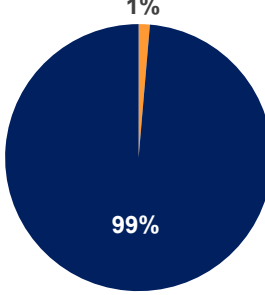
- Agriculture
- Developed
- Natural

Agriculture:
Total Acres: 98,469



- Cropland
- Hay
- Pasture
- Other Ag

Developed:
Total Acres: 65,241



- 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.



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



Just like humans, Schuylkill 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: dep.pa.gov/cap

