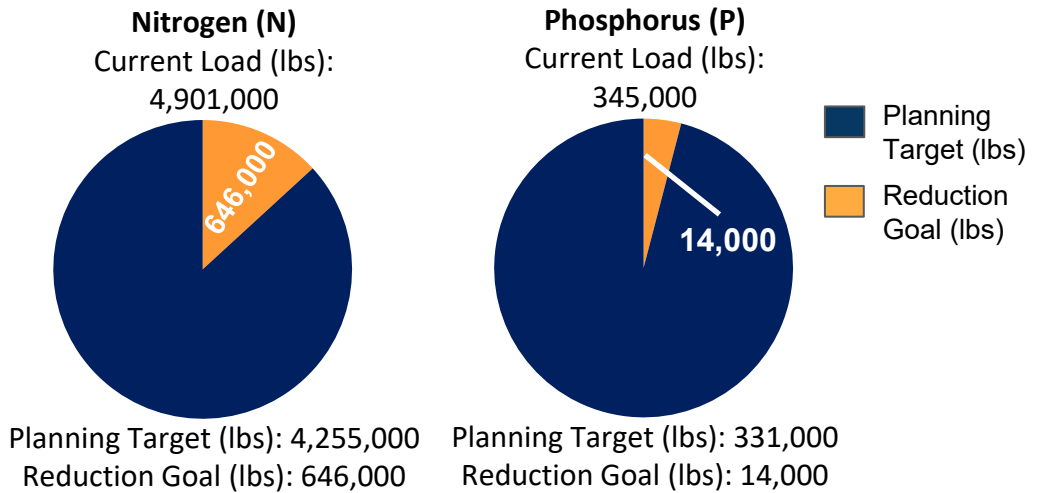


Dauphin County, Pennsylvania

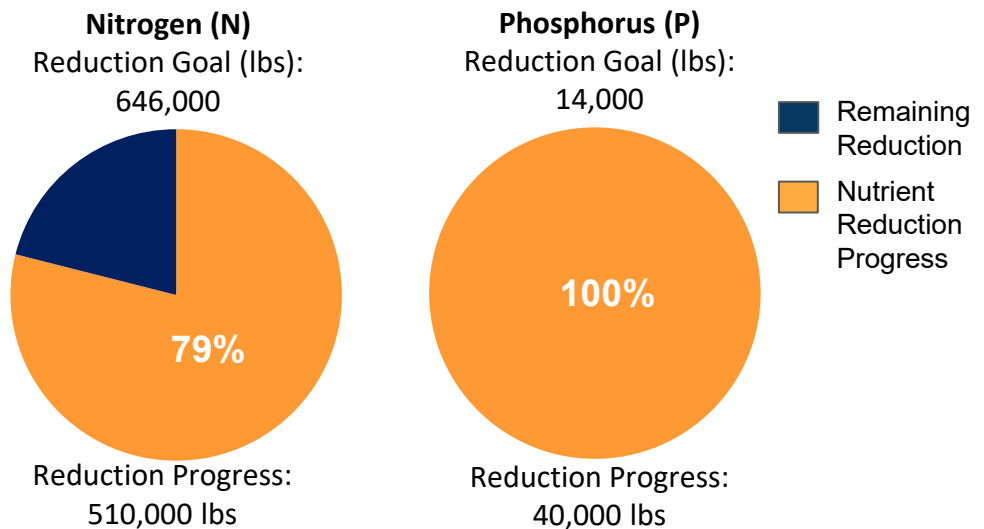
Current Conditions

Dauphin County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 4.90M lbs of nitrogen and 345K lbs of phosphorus annually. By 2025 Dauphin County needs to reduce 646K lbs of nitrogen and 14K lbs of phosphorus.



Pollutant Reduction Progress

By 2025, Dauphin County needs to reduce 646K lbs of nitrogen and 14K lbs of phosphorus. Dauphin County has developed a plan to reduce 510K lbs of nitrogen, which is 79% of the goal and 40K lbs of phosphorus, which is over 100% of the goal.

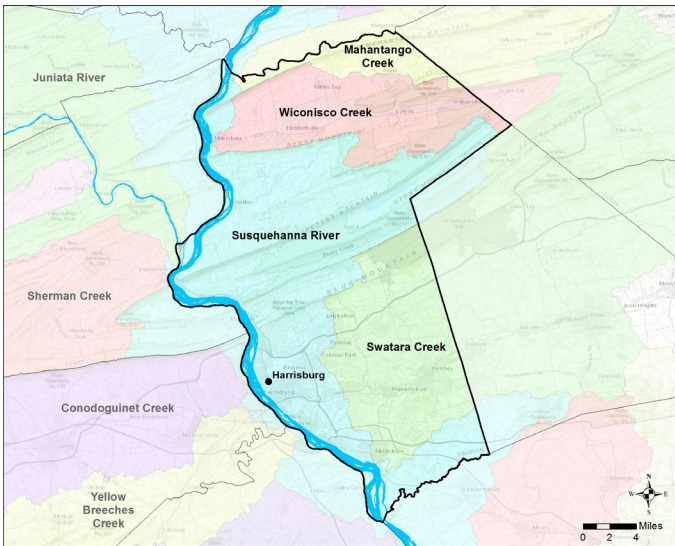


Sector Reductions

Dauphin 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 the wastewater and septic sectors. Dauphin County has identified practices that result in total reductions of 510K lbs of nitrogen and 40K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-526,000	-25,000
Developed	0	-400
Natural	-14,000	-5,000
Septic	+1,000	0
Wastewater	+30,000	-10,000
Total Reductions	-510,000	-40,000

Dauphin County Watershed Map



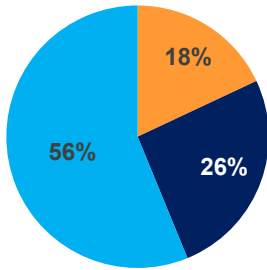
Information About the Watersheds

Dauphin County contains 4 major watersheds: Mahantango Creek, Wiconisco Creek, Swatara Creek, and the mainstem Susquehanna River. Watersheds in Dauphin County have elevated levels of nitrogen, phosphorus, and sediment. Of the 1,100 total stream miles in Dauphin County, approximately 38% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), metals, nutrient pollution and others.

County Land Use:

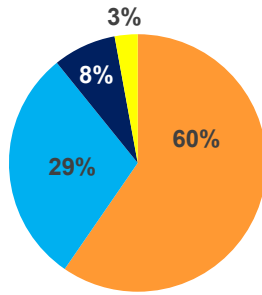
Dauphin County has a total acreage of 357,233 acres. Agricultural land represents 18% of the total land with 64,367 total acres. Developed land represents another 26% of the total land in Dauphin County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 56% of the land in Dauphin County. Cropland makes up a majority of the Agriculture sector with 36,362 acres. The developed sector is mostly Non-Municipal Separate Storm Sewer Systems (MS4s) (59%) 54,525 acres and a smaller portion of MS4 (41%) 37,562 acres.

Dauphin County:
Total Acres: 357,233



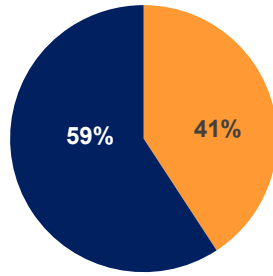
- Agriculture
- Developed
- Natural

Agriculture:
Total Acres: 64,367



- Cropland
- Hay
- Pasture
- Other Ag

Developed:
Total Acres: 92,087



- 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.



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



Just like humans, Dauphin 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

