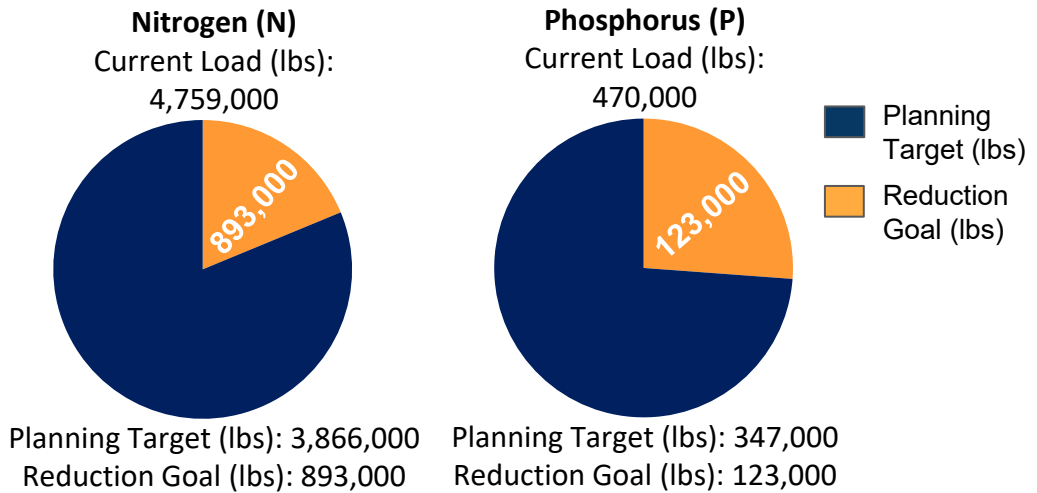


# Bradford County, Pennsylvania

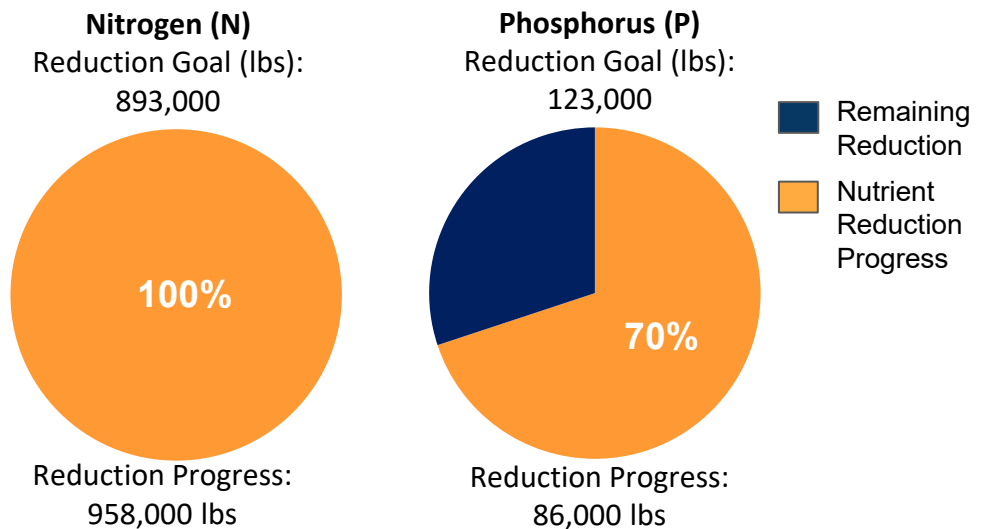
## Current Conditions

Bradford County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 4.76M lbs of nitrogen and 470K lbs of phosphorus annually. By 2025 Bradford County needs to reduce 893K lbs of nitrogen and 123K lbs of phosphorus.



## Pollutant Reduction Progress

By 2025, Bradford County needs to reduce 893K lbs of nitrogen and 123K lbs of phosphorus. Bradford County has developed a plan to reduce 958K lbs of nitrogen, which is over 100% of the goal and 86K lbs of phosphorus, which is 70% of the goal.

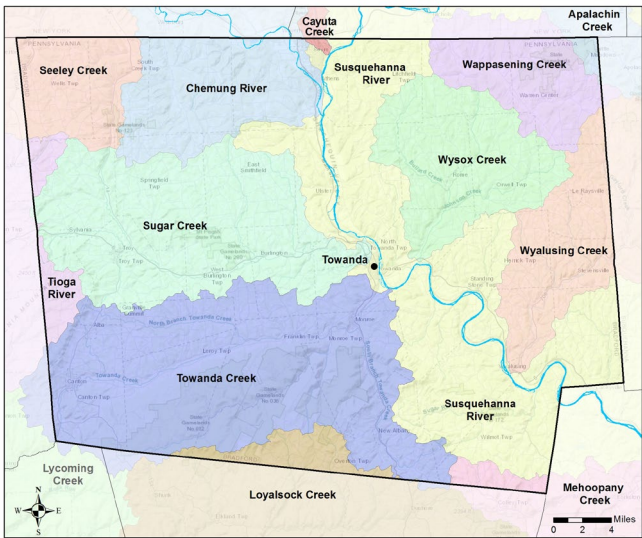


## Sector Reductions

Bradford County has identified nitrogen reductions within four sectors within their planning template: agriculture, developed, natural and Wastewater. Projected land use changes and population changes results in increases in phosphorus within the wastewater sector. Bradford County has identified practices that result in total reductions of 958K lbs of nitrogen and 86K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-841,000	-68,000
Developed	-1,000	-1,000
Natural	-107,000	-22,000
Septic	0	0
Wastewater	-9,000	+5,000
<b>Total Reductions</b>	<b>-958,000</b>	<b>-86,000</b>

# Bradford County Watershed Map



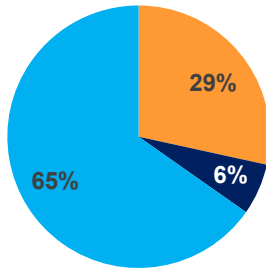
## Information About the Watersheds

Bradford County contains 8 major watersheds: Seeley Creek, Chemung River, Wappasening Creek, Sugar Creek, Wysox Creek, Towanda Creek, Wyalusing Creek, and the mainstem Susquehanna River. Watersheds in Bradford County have elevated levels of nitrogen, phosphorus, and sediment. Of the 2,142 total stream miles in Bradford County, approximately 7% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), metals, nutrient pollution and others.

## County Land Use:

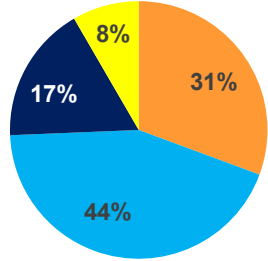
Bradford County has a total acreage of 743,048 acres. Agricultural land represents 29% of the total land with 211,237 total acres. Developed land represents another 6% of the total land in Bradford County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 65% of the land in Bradford County. Cropland makes up a majority of the Agriculture sector with 64,718 acres. The developed sector is mostly Non-Municipal Separate Storm Sewer Systems (MS4s) (99%) 46,457 acres and a smaller portion of MS4 (1%) 481 acres.

**Bradford County:**  
Total Acres: 743,048



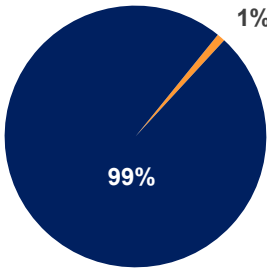
- Agriculture
- Developed
- Natural

**Agriculture:**  
Total Acres: 211,237



- Cropland
- Hay
- Pasture
- Other Ag

**Developed:**  
Total Acres: 46,938



- 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.



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



Just like humans, Bradford 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](http://dep.pa.gov/cap)

