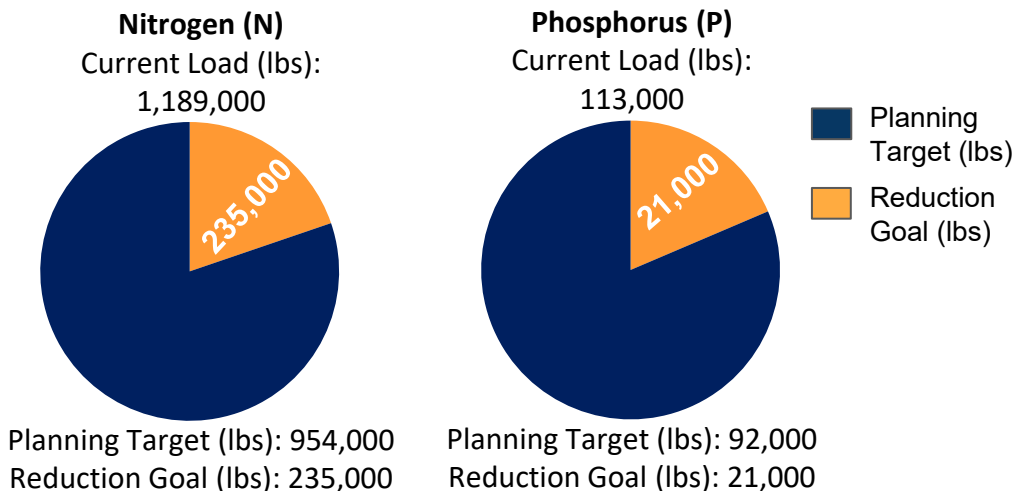


# Sullivan County, Pennsylvania

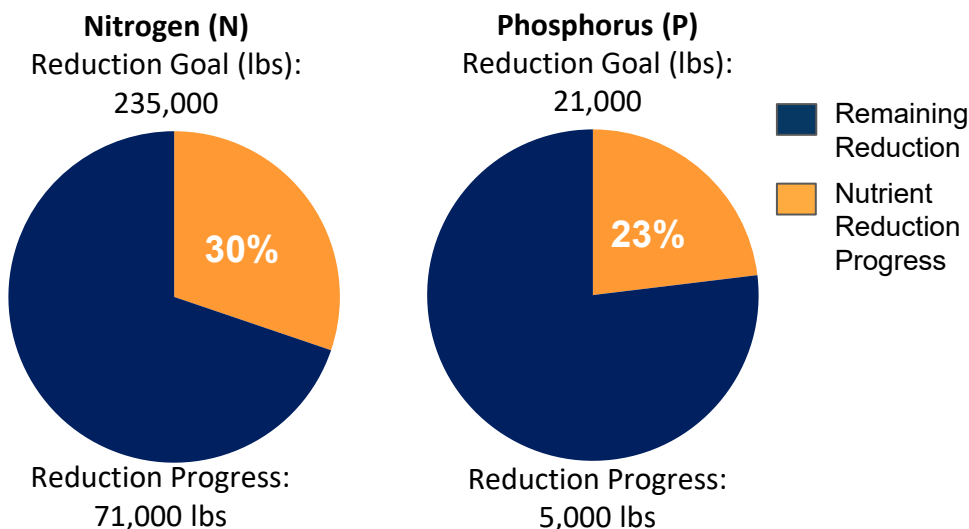
## Current Conditions

Sullivan County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 1.19M lbs of nitrogen and 113K lbs of phosphorus annually. By 2025 Sullivan County needs to reduce 235K lbs of nitrogen and 21K lbs of phosphorus.



## Pollutant Reduction Progress

By 2025, Sullivan County needs to reduce 235K lbs of nitrogen and 21K lbs of phosphorus. Sullivan County has developed a plan to reduce 71K lbs of nitrogen, which is 30% of the goal and 5K lbs of phosphorus, which is 23% of the goal.

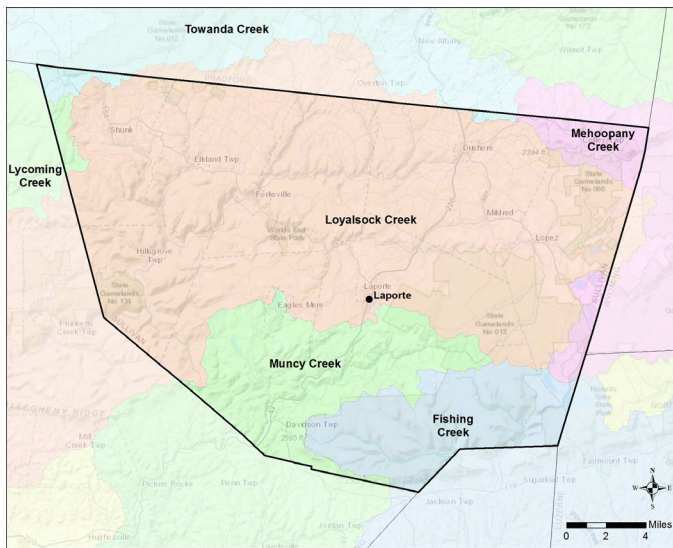


## Sector Reductions

Sullivan 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 sector and no changes in the developed and septic sectors. Sullivan County has identified practices that result in total reductions of 71K lbs of nitrogen and 5K lbs of phosphorus.

| Sector                  | Nitrogen (lbs.) | Phosphorus (lbs.) |
|-------------------------|-----------------|-------------------|
| Agriculture             | -68,000         | -4,000            |
| Developed               | 0               | 0                 |
| Natural                 | -9,000          | -2,000            |
| Septic                  | 0               | 0                 |
| Wastewater              | +7,000          | +1,000            |
| <b>Total Reductions</b> | <b>-71,000</b>  | <b>-5,000</b>     |

# Sullivan County Watershed Map



## Information About the Watersheds

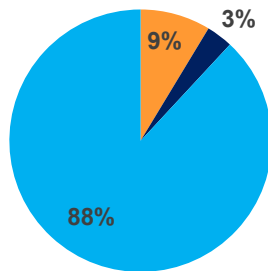
Sullivan County contains 6 major watersheds: Fishing Creek, Loyalsock Creek, Lycoming Creek, Mehoopany Creek, Muncy Creek, and Towanda Creek. Watersheds in Sullivan County have elevated levels of nitrogen, phosphorus, and sediment. Of the 818 total stream miles in Sullivan County, approximately 15% have degraded aquatic communities due to causes such as metals and others.

## County Land Use:

Sullivan County has a total acreage of 289,594 acres. Agricultural land represents 9% of the total land with 25,076 total acres. Developed land represents another 3% of the total land in Sullivan County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 88% of the land in Sullivan County. Hay makes up a majority of the Agriculture sector with 10,716 acres. The developed sector is completely Non- Municipal Separate Storm Sewer Systems (MS4s) at 9,417 acres.

### Sullivan County:

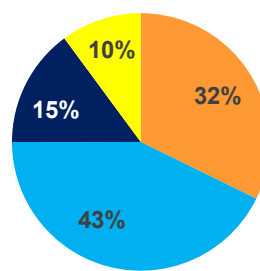
Total Acres: 289,594



- Agriculture
- Developed
- Natural

### Agriculture:

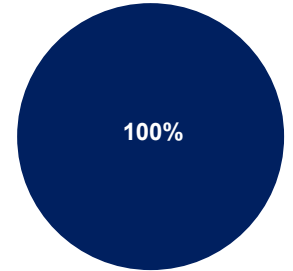
Total Acres: 25,076



- Cropland
- Hay
- Pasture
- Other Ag

### Developed:

Total Acres: 9,417



- 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.



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



Just like humans, Sullivan 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)

