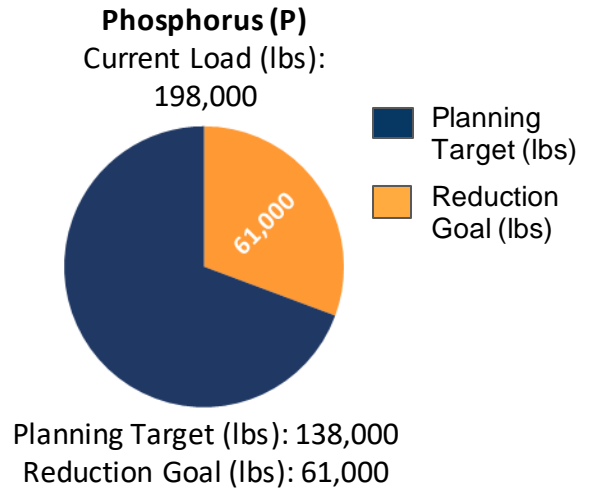
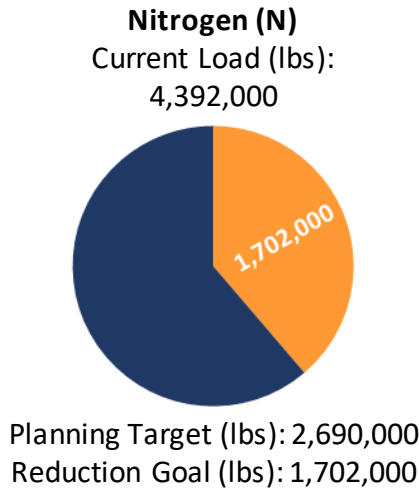


# Perry County, Pennsylvania

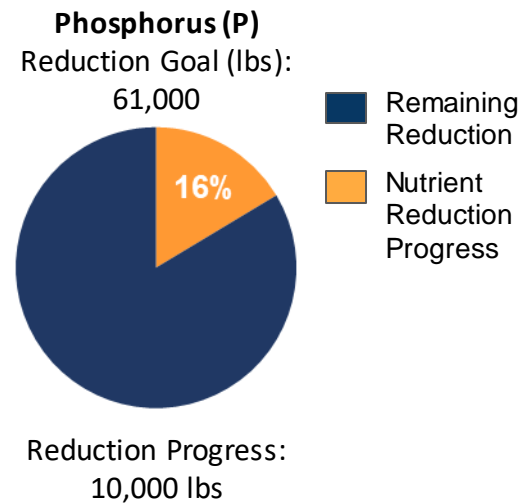
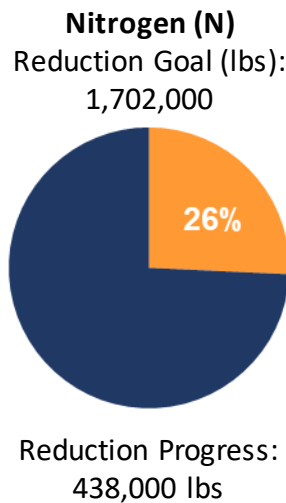
## Current Conditions

Perry County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 4.39M lbs of nitrogen and 198K lbs of phosphorus annually. By 2025 Perry County needs to reduce 1.7M lbs of nitrogen and 61K lbs of phosphorus.



## Pollutant Reduction Progress

By 2025, Perry County needs to reduce 1.7M lbs of nitrogen and 61K lbs of phosphorus. Perry County has developed a plan to reduce 438K lbs of nitrogen, which is 26% of the goal and 10K lbs of phosphorus, which is 16% of the goal.

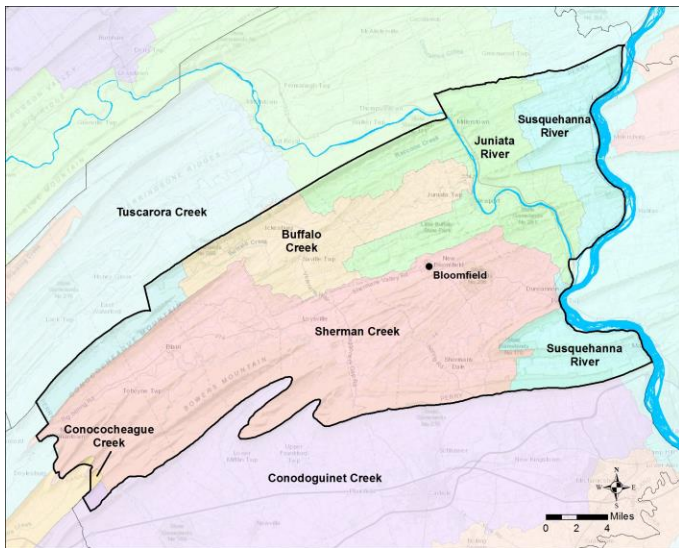


## Sector Reductions

Perry 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. Perry County has identified practices that result in total reductions of 438K lbs of nitrogen and 10K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-429,000	-7,000
Developed	+1,000	-100
Natural	-24,000	-4,000
Septic	+2,000	-
Wastewater	+13,000	+1,000
<b>Total Reductions</b>	<b>-438,000</b>	<b>-10,000</b>

# Perry County Watershed Map

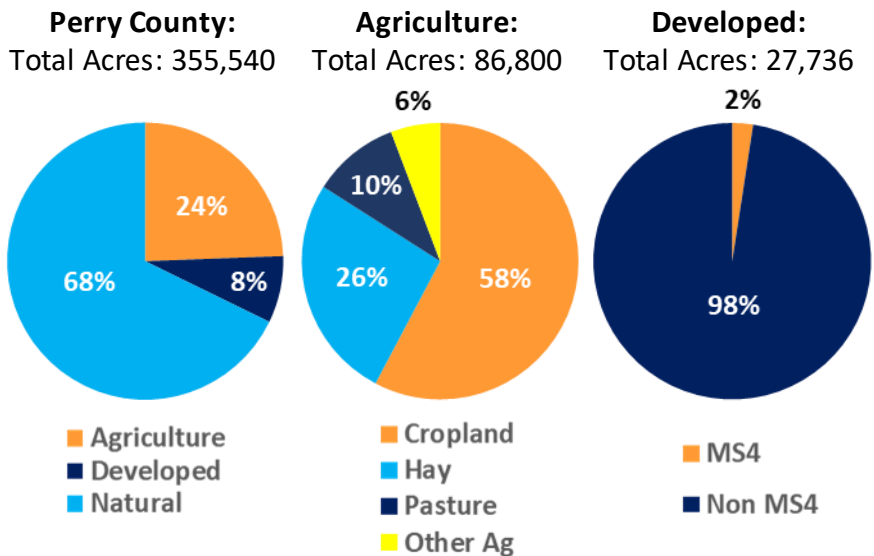


## Information About the Watersheds

Perry County contains 5 major watersheds: Juniata River, Buffalo Creek, Sherman Creek, Susquehanna River, and Tuscarora Creek. Watersheds in Perry County have elevated levels of nitrogen, phosphorus, and sediment. Of the 1,065 total stream miles in Perry County, approximately 13% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), metals, and nutrient pollution.

## County Land Use:

Perry County has a total acreage of 355,540 acres in the Bay watershed. Agricultural land represents 24% of the total land with 86,800 total acres. Developed land represents another 8% of the total land in Perry County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 68% of the land in Perry County. Cropland makes up a majority of the Agriculture sector with 50,117 acres. The developed sector is mostly Non-Municipal Separate Storm Sewer Systems (MS4s) (98%) 27,065 acres with a very small portion of MS4s (2%) 671 acres.



## 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.



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



Just like humans, Perry 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](http://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](http://www.dep.pa.gov/joinpacap.org)) to find a contact person for each county.

