

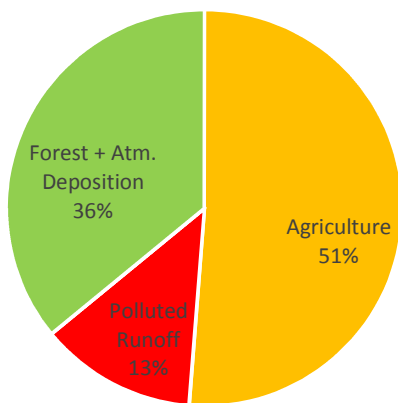
# SOURCES OF POLLUTION IN CHARLES COUNTY

Chesapeake Bay Watershed Model 5.3—2011 Progress Run Edge of Stream Load Estimates

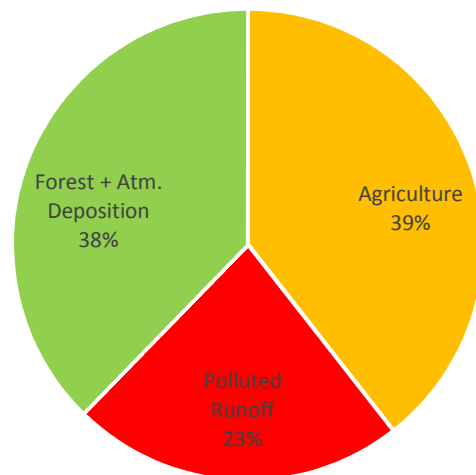
## Nanjemoy Creek

Nanjemoy Creek is a winding, marshy creek that empties into the Potomac River and is home to the rare dwarf wedge mussel, which can be found in only twenty sites worldwide. With only approximately 2% of its watershed covered in impervious surface, the Nanjemoy has been able to maintain high water quality and relatively small polluted runoff loads. However, the ability of the Nanjemoy to continue supporting aquatic life will depend on the surrounding land use in the future.

### 2011 Progress Run Modeled Loads Suspended Sediment (lbs)



### 2011 Progress Run Modeled Loads Phosphorus (lbs)



### 2011 Progress Run Modeled Loads Nitrogen (lbs)

