

SOURCES OF POLLUTION IN BALTIMORE CITY

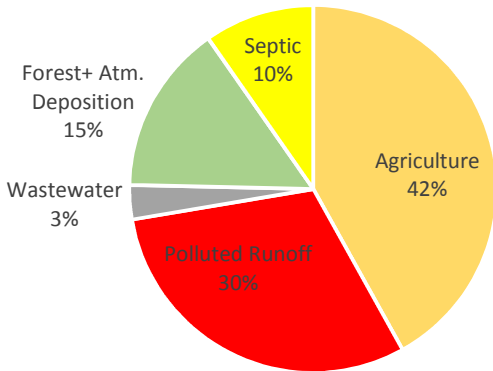
Chesapeake Bay Watershed Model 5.3—2011 Progress Run Edge of Stream Load Estimates

Gunpowder River

The Gunpowder River is polluted by nitrogen, phosphorus, and sediment and is listed on the Maryland Department of the Environment's impaired waters list, meaning it does not meet the water quality standards for its designated purpose. The Gunpowder also has a total daily maximum load (TMDL) for a number of pollutants. As demonstrated by the charts below, urban and suburban runoff is a significant source of pollution to the Gunpowder.

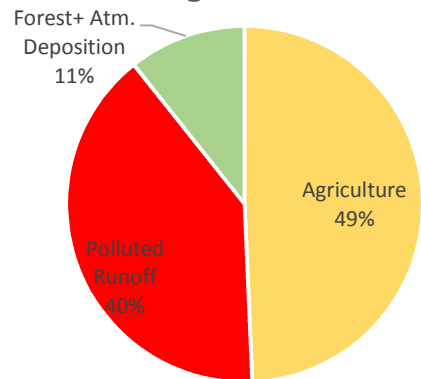
Total Nitrogen Loads

2011 Gunpowder River-MD Bay-Segment



Total Suspended Solids

2011 Gunpowder River-MD Bay-Segment



Total Phosphorus Loads

2011 Gunpowder River-MD Bay-Segment

