

SOURCES OF POLLUTION IN BALTIMORE CITY

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

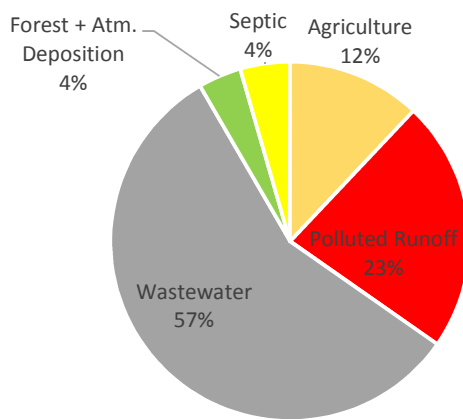
Patapsco River

(includes Baltimore Harbor, Jones Falls, Gwynns Falls, Bodkin Creek, and Liberty Reservoir)

The Patapsco 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 Patapsco 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 Patapsco.

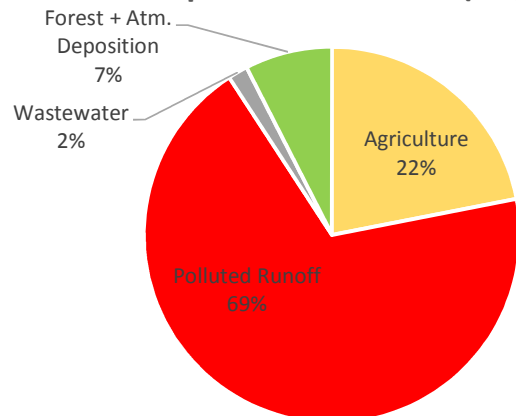
2011 Progress Run Modeled Loads

Nitrogen (lbs)



2011 Progress Run Modeled Loads (lbs)

Suspended Sediment (lbs)



2011 Progress Run Modeled Loads

Phosphorus (lbs)

