

Harford County, Maryland

Swan Creek Nutrient Total Maximum Daily Load (TMDL) Memo

In March 2002, the Swan Creek nutrient Total Maximum Daily Load (TMDL) was established by Maryland Department of Environment (MDE) and approved by the U.S. Environmental Protection Agency (EPA).

On December 30, 2014, MDE reissued the Phase I National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit to the County. The permit has several new requirements, including stringent stormwater management criteria, implementation of strategies to reduce litter and floatables, and development of restoration plans. Part IV.E.2.b of the NPDES MS4 permit requires the County to develop restoration plans to address stormwater wasteload allocations (SW-WLAs) for the waterbodies in the County that have EPA-approved TMDLs. Attachment B of the County's NPDES MS4 permit lists eight waterbodies in the County that have TMDLs for various impairments. Table 1 lists the waterbodies, type of TMDL, and the impairment.

Table 1: EPA-Approved TMDLs in Harford County

Type of TMDL	Watershed	Impairment
Local	Bynum Run	Sediment
	Swan Creek	Nutrients
	Loch Raven Reservoir (Non-Tidal)	Bacteria
	Loch Raven Reservoir	Mercury
	Loch Raven Reservoir	Nutrients and Sediment
Chesapeake Bay	Bush River Oligohaline	Nutrients and Sediment
	Gunpowder River Oligohaline	Nutrients and Sediment
	Chesapeake Bay Mainstem 1 Tidal Fresh	Nutrients and Sediment
	Chesapeake Bay Mainstem 2 Oligohaline	Nutrients and Sediment

According to MDE's TMDL Data Center, WLA search (referenced below) there is no SW-WLA assigned to Harford County for the Swan Creek nutrient TMDL. Furthermore, the County's MS4 was not assigned a WLA in the Swan Creek TMDL document. The TMDL has not been updated since its development and approval. Therefore, no restoration plan is required.

<http://www.mde.state.md.us/programs/Water/TMDL/DataCenter>