



## MEMORANDUM

To: Michael Trio, City Manager  
From: Beth Uhler, MS4 Program Coordinator  
Subject: MS4 Total Maximum Daily Load (TMDL) Plan Summary  
Date: July 27, 2017

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Communities that have NPDES Municipal Storm Sewer System (MS4) permits must address new requirements for the 2018 permit, which are due to the Pennsylvania Department of Environmental Protection (DEP) on September 16, 2017 with the next MS4 permit application/Notice of Intent (NOI). These new and updated requirements involve developing plans to design and construct stormwater projects or Best Management Practices (BMPs) to reduce pollutants from municipal storm sewer systems to impaired streams in the short-term over the five (5) year permit term (March 16, 2018 – March 15, 2023) and to meet Total Maximum Daily Load (TMDL) requirements over the long-term (>2023).

Coatesville is required to reduce sediment and nutrient pollution to West Branch Brandywine Creek to meet U.S. Environmental Protection Agency (EPA) TMDL requirements for the Christina River Basin both in the short-term (the next permit term 2018-2023) and in the long-term (>2023). CEDARVILLE has been working on a TMDL Plan to meet these requirements based on the current and recently updated guidance from DEP.

The development of the TMDL Plan involves utilizing Geographic Information System (GIS) mapping, recalculating existing pollutant loading, and pollutant reductions achieved through the implementation of BMPs. Site visits were conducted to collect information and measurements of existing BMPs.

CEDARVILLE has been able to show that Coatesville will meet the short-term pollutant reduction requirements through the implementation of four (4) BMPs: Street Cleaning, Millview Basin Retrofit, Millview Basin Outfall Stabilization, and fifteen (15) inlet retrofit projects. Several additional projects have been proposed to meet the long-term requirements. These projects will provide water quality improvement and real-world benefit, while meeting the mandated pollutant reduction requirements. It is anticipated that funding for these projects will be sourced from grant programs and in conjunction with other City-wide infrastructure improvements.

The TMDL Plan is required to be made available for public review and comment for a period of thirty (30) days, initiated by the publication of a public notice. It is also required that the City accept comments at a public meeting. CEDARVILLE is scheduled to present the TMDL Plan at the City Council meeting on August 14, 2017.