

Pocopson Township
Christina River Basin
2017 MS4 Pollutant Reduction Profile

Pocopson Township borders West Bradford, East Bradford, Birmingham, Pennsbury, East Marlborough, and Newlin. The urbanized area drains into Pocopson Creek (which enters from Newlin and exits to form the boundary between Pennsbury and Birmingham) and the Brandywine Creek (which forms the boundary with Birmingham).¹

Pollutants of Concern: Sediment²

Calculation Methodology: Christina TMDL³

Pollution Reduction Targets (lbs/yr):

Existing Sediment Loading ⁴	76,445.83
Long-Term Reduction Requirement ⁵	46,154.06
Short-Term Reduction Requirement ⁵	7644.58

Proposed Short-Term BMP's (lbs/yr)⁶:

Vegetated Open Channels (Red Hawk Tr. Outlet)	1030.31
Vegetated Open Channels (Haines Mill Rd.)	783.33
Stream Bank Restoration (Tshp. Maintenance Building)	13,464.00

Proposed Long-Term BMP's (lbs/yr)⁷:

Rain Garden (East Lafayette)	193.66
Stream Bank Restoration (Clearview Dr.)	13,464.00
Riparian (Forest) Buffer (Red Bridge Farms)	4976.05
Stream Bank Restoration (Haines Mill Rd.)	8976.00
Stream Bank Restoration (W. Creek Rd.)	4488.00

Proposed BMP Cost Estimates illegible⁸

Funding Mechanism: Township Funds⁸

Potential for Collaboration: None specified, but see introduction.

¹ <http://chesco.org/DocumentCenter/View/41243>

² "Pocopson Township MS4 TMDL Plan" (Sept. 16, 2017), Section C

³ "Pocopson Township MS4 TMDL Plan" (Sept. 16, 2017), Section D

⁴ "Pocopson Township MS4 TMDL Plan" (Sept. 16, 2017), Table 3

⁵ "Pocopson Township MS4 TMDL Plan" (Sept. 16, 2017), Section F

⁶ "Pocopson Township MS4 TMDL Plan" (Sept. 16, 2017), Table 5

⁷ "Pocopson Township MS4 TMDL Plan" (Sept. 16, 2017), Table 6

⁸ "Pocopson Township MS4 TMDL Plan" (Sept. 16, 2017), Table 7