

Wicomico Watershed Implementation Plan

2014 – 2015 Two-Year Milestones

Amended August 29, 2014

1. Scale – Planning level
2. Recommendations – Countywide
 - a. Partner with the agricultural community to reduce nutrients from entering our local waterbodies;
 - b. Establish a voluntary tree planting program;
 - c. Partner with the State to serve as a pilot area for BMP implementation tracking and reporting systems consistent with the needs of rural and urban areas for septic, stormwater, and WWTP;
 - d. Coordinate with local, State, Federal, and non-governmental organizations to identify and secure funding opportunities to obtain professional consulting services to prepare watershed management plans and subwatershed corrective action plans for the Nanticoke and Pocomoke Rivers, as well as seek financial assistance to prepare design concepts, preliminary and final engineering, and implementation of stormwater BMPs;
 - e. Seek increased funding levels and permitted uses of the Bay Restoration Fee to facilitate a voucher based septic pumping program and connections of septic to publicly owned and operated WWTPs;
 - f. Upgrade approximately 70 – 100 conventional septic systems to best available technology. Prioritization given to Critical Areas and “Sewer Problem Areas” as designated in the Wicomico County Comprehensive Water and Sewerage Plan.”;
 - g. Continue discussions with municipalities to accept sewage from individual on-site septic systems;
 - h. Conduct quality control of data used within Bay model and MAST;
 - i. Overestimated the number of septic systems in the County. MAST is calibrated to 23,200 systems; whereas, approximately 19,750 systems exist. This discrepancy results in a potential reduction of 20,000 lbs of nitrogen;
 - j. Continue to identify eligible BMPs implemented since 12/31/2005;
 - k. Partner with non-profit organizations to identify and secure funding sources to implement stormwater BMPs;
 - l. Consideration of municipalities to expand urban service districts and out-of-town customers in areas identified as experiencing failing septic systems;
 - m. Finish design and begin construction of the Salisbury WWTP upgrade to achieve ENR treatment levels;

- n. Complete upgrade to the Fruitland WWTPs to achieve ENR treatment levels;
- o. Implement a stormwater utility for the City of Salisbury;
- p. Partner with the Center for Watershed Protection to develop and implement the Clean Water Optimization Tool;
- q. Partner with the University of Maryland Sea Grant Extension Program to develop and distribute a Wicomico County version of the “From My Backyard to Our Bay” brochure to educate homeowners about the importance of managing stormwater and reducing the use of lawn fertilizers;
- r. Establish an urban tree canopy program;
- s. Continue street sweeping program for the City of Salisbury and Wicomico County; and
- t. Secure funding to obtain professional GIS services to prepare a GIS layer identifying impervious surfaces.

3. Project Implementation – Urban Sector

Secure and obtain local, State, and Federal funding to survey, design, and construct stormwater management practices designed to reduce nutrients and sediments from entering into waterways. Proposed projects will be consistent with County and local jurisdictions plans, policies, and programs, including, but not limited to the Phase II WIP and / or Watershed Management Plans and Assessments.

a. Wicomico County:

- i. Primary focus during this two-year milestone period is to implement practices at the Phase I and IA projects sites. The nine-high visibility Phase I and Phase IA project sites include: the Salisbury-Ocean City: Wicomico Regional Airport; Arthur Perdue Stadium; Schumaker Park; Pemberton Park; and Upper Ferry, as well as Winterplace Park; Wor-Wic Community College; Wicomico County Detention Center and Sheriff’s Office; and Wicomico County DPW – Road Division Campus, respectively.
- ii. Secondary focus is to implement practices at Phase IB and Phase 2 sites, which includes installation of rain gardens to capture runoff from the roof of the Wicomico County Tourism and Visitors Center at Leonard’s Mill Pond and retrofit of rural ditches along County rights-of-way, respectively.

b. Salisbury:

- i. City Yard Storm water comprehensive Environmental Site Design - A comprehensive design to retrofit the outdated storm water system serving the City Yard with preliminary designs is necessary to implementation of the high priority goals of the Wicomico River Watershed Action Plan.