City of Annapolis
DEPARTMENT OF NEIGHBORHOOD & ENVIRONMENTAL PROGRAMS
145 GORMAN STREET, THIRD FLOOR, ANNAPOLIS, MARYLAND 21401
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City of Annapolis
Watershed Improvement Plan
2015 Milestones:

Initial Programmatic Milestones

The reduction of nutrients entering the Chesapeake Bay from the City of Annapolis will almost exclusively be addressed through improvements to stormwater runoff quality. As a Phase II jurisdiction, no existing best management practices in Annapolis were included in the Chesapeake Bay Watershed model. MDE has since included existing stormwater best management practices to be credited for nutrient reduction. Annapolis has assembled data on all post 1985 SW BMPs installed as part of new development which will be evaluated for cumulative nutrient reduction and used to calculate the extent of additional nutrient reduction required to meet the City's goals. This data collection is expected to be completed in this milestone period, January 1, 2014 – December 31, 2015, allowing the City to establish a realistic base line from which to measure progress toward nutrient reduction goals.

Local Watershed/Project Planning

Annapolis has undertaken several watershed level studies with the most recent being the "Spa Creek Headwaters Subwatershed Restoration Management Plan" (Spa Creek Conservancy, 2006), and the "City of Annapolis Watershed Study and Action Plan" (City of Annapolis, 2009). The 2009 study in particular is a compilation of data from previous studies (a 1988 study being the earliest) with recommended stormwater quality improvement actions for each of the four prominent creek watersheds, particularly Back Creek. Nevertheless, these earlier studies lack an all-encompassing city-wide analysis in the context of the Chesapeake Bay nutrient reduction goals.

Funding has been requested in FY 15 (July 1, 2014 – June 30, 2015) for a comprehensive watershed improvement plan that will: identify sites for implementation opportunities; provide cost and alternatives analysis; Assess local benefits in addition to impacts on the Bay; prioritize potential projects. Funding sources will be from the City's existing Stormwater Utility Fee in the Operational Budget, and project specific funds from the Capital Budget. These funding sources will be used to leverage additional grant funds.

Outreach/Education

The development of a comprehensive watershed improvement plan will require public awareness activities and outreach to the Mayor and City Council.

Tracking and Reporting

Funding has been requested in FY 15 for NPDES/MS4 (National Pollution Discharge Elimination System/Municipal Separate Stormwater Sewer System) software to aid in the tracking and annual reporting of BMPs (Best Management Practices).

Program Development and Enhancement

Funding was received in FY 13 and 14 for stream restoration projects totaling approximately 2,000 linear feet of degraded urban streams. The City is using these funds to leverage grant funding for similar projects. The City is also collaborating with third party organizations – particularly the Spa Creek Conservancy – in their efforts to fund, design and construct additional stream restoration/stormwater bioretention projects. Current projects under consideration consist of approximately 4,000 linear feet of stream restoration.

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City of Annapolis 2014-2015 Programmatic Two-Year Milestones
Urban Stormwater

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
June 30, 2014	Admiral Farragut Stream Restoration Project Phase I	100% Design, 850 LF	DNEP	Contract commenced Jan. 15, 2014
December 31, 2014	Admiral Farragut Stream Restoration Project Phase II	100% Constructiton	DNEP	Permit issue dates not determined
June 30, 2014	Admiral Farragut Stream Restoration Project Phase II	100% Design 1000 LF	DNEP	
December 31, 2014	Admiral Farragut Stream Restoration Project Phase II	100% Construction	DNEP	Permit issue dates not determined
September 1, 2014	Comprehensive Watershed Improvement Plan	RFP	DNEP	
September 1, 2014	NPDES/MS4 Software	In Hand	DNEP	
June 30, 2015	Consolidation of all SWM data into software program	In Hand	DNEP	
June 30, 2015	Evaluation of Post 1985 SW BMPs	Calculation of actual nutrient reduction goal	DNEP	
June 30, 2015	Comprehensive Watershed Improvement Plan	100% Complete	DNEP	Identification and prioritization of projects will dictate actions until December 31, 2015