



City of Bowie

15901 Excalibur Road
Bowie, Maryland 20716

December 3, 2015

Mr. Thomas Thornton
TMDL Technical Review Coordinator
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, MD 21230

RE: Watershed Implementation Plan II: 2016-2017 Milestones
and Updates to Previous Milestones

Dear Mr. Thornton:

Please find below an update on all previously submitted milestones and the City's 2016-17 programmatic milestones. As was previously reported, these milestones are intended to meet the State's WIP goals but many will also count towards the City's next Phase II MS4 permit.

CITY OF BOWIE 2012-13 MILESTONE UPDATE

Milestone	Previous Update (Sept 2014)	2015 Update
Hire a consultant to conduct a stormwater retrofit inventory and draft a plan for retrofitting 20% of untreated impervious cover as required by anticipated NPDES MS4 permit.	Completed. In February, the City received the final report from the engineering firm with nearly 40 possible retrofit and stream restoration sites. The City has recently created a stormwater work group that meets every third week to discuss a variety of MS4-related issues, and the first two meetings were dedicated to discussing potential stormwater retrofits.	Completed
Hire a consultant to map all stormwater treatment structures and their drainage areas across the City.	Completed. In February 2013, the City received GIS files with data in a format that conforms to the guidelines in MDE's June 2011 Draft "Accounting for Stormwater Wasteload Allocations and Impervious Acres Treated," ensuring seamless incorporation of the City's new and existing BMPs into the Chesapeake Bay Model. This data will be sent to MDE's Science Services Administration for inclusion in the Scenario Builder.	Completed

MAYOR G. Frederick Robinson **MAYOR PRO TEM** Isaac C. Trouth

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CITY OF BOWIE 2012-13 MILESTONE UPDATE

Milestone	2014 Update	2015 Update
Evaluate current staffing levels on the basis of anticipated NPDES MS4 permit and WIP II implementation requirements through 2017.	Ongoing. We expect to contract out construction of new BMPs and retrofits but may need additional support staff. The Environmental Finance Center’s comprehensive stormwater program review provided recommendations for staffing levels that will be discussed by the stormwater work group before the Fiscal Year 2016 budget cycle begins.	Ongoing. One additional FTE, an Engineering Assistant, was approved in the FY2016 budget, and the opening has been advertised.
Identify changes needed to the City’s Capital Improvements Program budget to reflect WIP II and MS4 permit implementation.	Ongoing. The City’s stormwater work group meets every three weeks to discuss various MS4-related items such as the potential retrofit projects identified by the consultant, the stormwater program audit completed by the Environmental Finance Center, and other topics that come up. The group is currently focused on prioritizing projects for inclusion in the 2016 CIP budget.	Ongoing. Additional funds were approved in the FY2016 CIP budget for retrofit construction and design. Funds will be proposed in the FY2017 budget as well.
Research grant opportunities to assist with implementation of the WIP II and MS4 permit.	Ongoing. Several grants have been received from the Chesapeake Bay Trust (CBT) for various initiatives, and the City will continue to pursue these to fund WIP project implementation.	Ongoing. An application was submitted to CBT for an ESD retrofit, and the City is pursuing an EPA ‘a through i’ criteria watershed plan to open up 319 funds.
Continue reviewing projects identified by DNR in the WRAS reports for the Upper Patuxent and Western Branch and in the City’s Environmental Infrastructure Action Strategy Plan.	Addressed/Ongoing. Most of these sites were revisited in 2011, but the City is also pursuing funding for a watershed plan that would include comprehensive stream walks to further examine stream conditions and opportunities for stream restoration.	Ongoing. Funding was approved for the watershed plan, and the process of identifying a consultant should start in January 2016.

CITY OF BOWIE 2014-15 MILESTONE UPDATE

Milestone	2014 Update	2015 Update
Develop and adopt an illicit discharge ordinance.	Completed. City Council adopted an illicit discharge ordinance on January 20, 2015. It took effect on February 19, 2015.	Completed
Identify potential funding sources for a City-wide watershed management plan to identify additional WIP implementation projects.	Ongoing. Funds have been requested in the FY16 budget that will be used to complement grants funds available from NFWF’s Technical Capacity grant program. If the budget request is approved, the City will apply for a grant to create a watershed plan meeting EPA’s a-i criteria opening up 319 funds to implement capital projects.	Ongoing. City Council approved \$20,000 in its FY2016 budget to be used as match towards a NFWF Technical Assistance grant that opens in January 2016.

CITY OF BOWIE 2014-15 MILESTONE UPDATE

Milestone	2014 Update	2015 Update
Review the process of internal tracking, documentation, and interdepartmental coordination of citizen complaints about water quality, stormwater, and/or construction sites.	<p>Ongoing. Data is currently managed in a GIS geodatabase. Staff are assessing the potential for using an enterprise system to manage multiple forms and types of data across all departments, and have identified a variety of proprietary and public domain programs specifically for managing MS4 data.</p> <p>Public complaints are made via the City’s website and are not permanently logged. We expect to incorporate this into a new system.</p>	<p>Ongoing. This process continues to develop. The City’s IT Department is reviewing options and needs related to an enterprise software system.</p> <p>The existing public reporting system on the City’s website, GovQA, is under review to determine if it still meets the City’s overall needs. If GovQA is kept, an option for stormwater-associated complaint reporting will be incorporated.</p>
Conduct analyses of City-owned maintenance and storage facilities to ensure best management practices for minimizing water pollution (both structural and programmatic) are in place. Develop Stormwater Pollution Prevention Plans (SWPPP), as needed.	<p>Not Yet Started. This will begin in FY 16 after new Public Works staff are hired. Money has been allocated to draft a SWPPP for the Public Works Complex in the beginning of FY 16.</p>	<p>Ongoing. DPW has completed a draft SWPPP for its facility. A SWPPP is needed for the City’s Parks and Grounds facility but has not been started.</p>
Expand public education and outreach and identify training needs among staff.	<p>Ongoing. Staff have expanded public education and outreach efforts by taking the Enviroscape® model to several schools and at the Bowie Green Expo. Several other opportunities have been identified. The City’s Green Team will be providing assistance with this goal.</p>	<p>Ongoing. Public education and outreach is ongoing. Staff training needs have been identified, and a program will be developed for implementation.</p>
Create an implementation plan for the upcoming stormwater permit that includes WIP milestones.	<p>Not Yet Started. Upon receipt of the MS4 permit, this milestone will be addressed.</p>	<p>Not Yet Started. While we haven’t begun creating an implementation plan, as has been noted, the City is in the design phase for multiple stormwater retrofits.</p>

In addition to the “Ongoing” milestones from the table above, additional programmatic milestones recommended for 2016-2017 are as follows:

1. Complete a US EPA ‘a through i’ criteria watershed plan and submit to MDE for approval.
2. Complete Stormwater Pollution Prevention Plan for City-owned maintenance facilities.
3. Develop and implement staff training to reduce stormwater pollutants from municipal operations.

4. Develop a plan for screening priority outfalls for illicit discharges.

If you need additional information or have questions, please do not hesitate to contact me at 301-809-3030 or Mr. Joe Meinert, the City's Planning Director, who is taking the lead on the City's WIP implementation at 301-809-3047 or jmeinert@cityofbowie.org.

Sincerely,

David J. Deutsch
City Manager

cc: Mr. Adam Ortiz, Director, Prince George's Department of the Environment
Mr. George Stephanos, Public Works Director
Mr. Joseph Meinert, Planning Director