



Date of Council Meeting: November 12, 2013

**TOWN OF LEESBURG
TOWN COUNCIL MEETING**

Subject: Authorizing the Town Manager to execute a grant application to the Virginia Department of Environmental Quality's (DEQ) Stormwater Local Assistance Fund.

Staff Contact: Charlie Mumaw, P.E., Deputy Director – Department of Public Works
Renée LaFollette, P.E., Director – Office of Capital Projects
Lisa Haley, Budget Analyst - Department of Finance

Recommendation: Staff recommends applying for a total of \$2,590,000 in grant funding based on half of the project costs as shown in our current approved Capital Improvement Program as follows:

- \$1.95 million Chesapeake Bay TMDL Compliance Program
- \$640,000 Tuscarora Creek Flood Mitigation

Fiscal Impact: Currently the Town's funding source for the Chesapeake Bay Total Maximum Daily Load (TMDL) Compliance Program and the Tuscarora Creek Flood Mitigation Project are general obligation bonds. The Virginia DEQ has established a Stormwater Local Assistance Fund for localities to apply for grant funding. The grant funding requires a 1:1 match of local funding to grant funding.

Issue: Should the Town seek grant funding from the Virginia DEQ's Stormwater Local Assistance Fund?

Background: The Virginia DEQ has established the Stormwater Local Assistance Fund to help localities fund projects to meet the new Chesapeake Bay TMDL pollution reduction requirements in conjunction with the Town's renewal of the Municipal Separate Storm Sewer System (MS-4) permit.

The state is providing \$35 million funding for this program state-wide. The program requires that the localities match the state funds on a 1:1 basis. The locality may not use other state or federal funds as the local match. This is the first year of this grant program.

On October 4, 2013, Virginia DEQ notified localities that it is accepting applications for the Stormwater Local Assistance Fund. The program is open to counties, cities, and towns that are current MS-4 permit holders. Applications must be submitted to Virginia DEQ by November 15, 2013.

DEQ encouraged local jurisdictions to bundle projects that they had into a single application. The applications will be reviewed and the possibility exists that individual projects could be funded. The Town would utilize bond funding already programmed in the Capital Improvement Program for the required 1:1 match.

Attachments:

- 1.) Chesapeake Bay TMDL CIP Project page
- 2.) Tuscarora Creek Flood Mitigation CIP Project page

STORM DRAINAGE PROJECTS (continued)

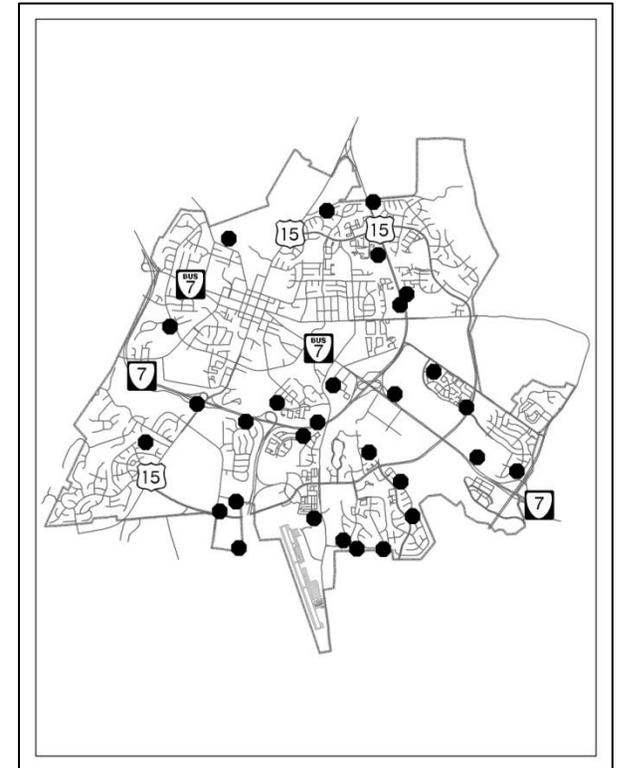
TITLE: Chesapeake Bay TMDL Waste Load Allocation Reduction Compliance Program (NEW)
STATUS: NEW

PROGRAM DESCRIPTION: The Town is required to implement a Chesapeake Bay TMDL (Total Maximum Daily Load) Action Plan to meet the nitrogen, phosphorus, and sediment reduction requirements that will be included in the Town’s next Municipal Separate Storm Sewer System (MS4) permit. Based on the most recent information from the Virginia Department of Conservation and Recreation (DCR), the new permit will be effective July 1, 2013. The Chesapeake Bay TMDL Action Plan is due within 24 months of the effective permit date. DCR’s draft MS4 permit regulations incorporate the required nutrient and sediment reduction levels published in the Virginia Watershed Implementation Plan (WIP), which is the state’s primary planning tool to establish strategies, targets, and expectations for meeting the Chesapeake Bay TMDL. Projects will include, but are not limited to: wet and dry pond rehabilitations, right-of-way improvements, storm filters, etc.

CONSTRUCTION START DATE: Summer 2016

ESTIMATED COMPLETION DATE: Ongoing

OPERATING IMPACT: Ongoing additional maintenance of best management practices for the Chesapeake Bay TMDL.



PLANNED FINANCING

Sources:	Total Required Project Funding	Funded through 6/30/13	PLANNED FINANCING						TOTAL for 6-Yr CIP	Future Funds Required
			2014	2015	2016	2017	2018	2019		
G.O. Bonds	\$3,900,000				\$50,000	\$150,000	\$50,000	\$200,000	\$450,000	\$3,450,000
TOTAL	\$3,900,000				\$50,000	\$150,000	\$50,000	\$200,000	\$450,000	\$3,450,000

PLANNED EXPENDITURES

Uses:	Total Project Cost	Exp through 6/30/13	PLANNED EXPENDITURES						TOTAL for 6-Yr CIP	Future Funds Required	
			2014	2015	2016	2017	2018	2019			
Land											
Design/Eng.	\$900,000				50,000			50,000	50,000	\$150,000	750,000
Construction	\$3,000,000					150,000			150,000	\$300,000	2,700,000
TOTAL	\$3,900,000				\$50,000	\$150,000	\$50,000	\$200,000	\$450,000	\$3,450,000	

OPERATING IMPACT

Operating/Maintenance:	OPERATING IMPACT						TOTAL for 6-Yr CIP
	2014	2105	2016	2017	2018	2019	
Maintenance					\$32,000	\$32,000	\$64,000

GOAL ADDRESSED:

2012 Town Plan

- Natural Resources Objective 2 calls for protection and restoration of the ecological integrity of streams by utilizing watershed management tools to offset the impacts of development.
- Community Facilities and Services Objective 8 calls for providing adequate storm water management that meets state and federal criteria for water quality.

STORM DRAINAGE PROJECTS (continued)

TITLE: Tuscarora Creek Flood Mitigation (06306)
STATUS: Ongoing

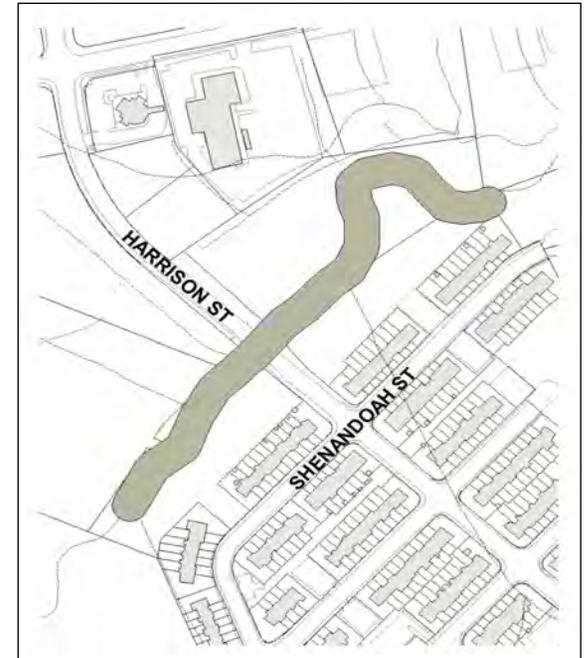
PROGRAM DESCRIPTION: 1,500 feet of channel improvements to Tuscarora Creek to help reduce flooding of the adjoining residential properties. The project also includes stream restoration, planting of a riparian buffer along portions of the stream and preparation of a FEMA letter of map revision after the work is complete.

UTILITY RELOCATION START DATE: Spring 2014

CONSTRUCTION START DATE: Summer 2014

ESTIMATED COMPLETION DATE: Winter 2014/2015

OPERATING IMPACT: Mowing and landscape maintenance



PLANNED FINANCING

Sources:	Total Required Project Funding	Funded through 6/30/13							TOTAL for 6-Yr CIP	Future Funds Required
			2014	2015	2016	2017	2018	2019		
G.O. Bonds	\$1,280,000	\$415,000	\$30,000	\$815,000	\$20,000				\$865,000	
TOTAL	\$1,280,000	\$415,000	\$30,000	\$815,000	\$20,000				\$865,000	

PLANNED EXPENDITURES

Uses:	Total Project Cost	Exp through 6/30/13							TOTAL for 6-Yr CIP	Future Funds Required
			2014	2015	2016	2017	2018	2019		
Land	\$80,000	\$80,000								
Design/Eng.	400,000	325,000	30,000	25,000	20,000				75,000	
Utility Reloc.	10,000	10,000								
Construction	790,000			790,000					790,000	
TOTAL	\$1,280,000	\$415,000	\$30,000	\$815,000	\$20,000				\$865,000	

OPERATING IMPACT

Operating/Maintenance:							TOTAL for 6-Yr CIP
	2014	2015	2016	2017	2018	2019	
Maintenance	\$0	\$5,000	\$10,000	\$10,000	\$10,000	\$10,000	\$45,000

GOAL ADDRESSED:

2012 Town Plan

- Natural Resources Objective 2 calls for protection and restoration of the ecological integrity of streams by utilizing watershed management tools to offset the impacts of development.

- Natural Resources Objective 9 calls for protections of people and property from natural hazards such as flooding.

PRESENTED November 12, 2013

RESOLUTION NO. 2013-

ADOPTED _____

A RESOLUTION: AUTHORIZING THE TOWN MANAGER TO EXECUTE THE GRANT APPLICATION FOR THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY'S VIRGINIA STORMWATER LOCAL ASSISTANCE FUND

WHEREAS, the Virginia Department of Environmental Quality (DEQ) is accepting applications for the Local Stormwater Assistance Fund; and

WHEREAS, the 2013-2014 Virginia State Budget authorized \$35 million in funding to support local government projects related to the Chesapeake Bay Total Maximum Daily Load (TMDL) reduction; and

WHEREAS, the Town has applied for and received our new Municipal Separate Storm Sewer (MS-4) permit; and

WHEREAS, requirements associated with the permit renewal require a plan to reduce pollutants in accordance with the Chesapeake Bay TMDL program; and

WHEREAS, the approved Fiscal Year 2014-2019 Capital Improvement Program includes two projects that are in accordance with the plan to mitigate TMDLs; and

WHEREAS, the Local Stormwater Assistance Fund allows applications for eligible projects on a 1:1 matching fund basis; and

WHEREAS, the Town desires to apply for funding in the amount equal to half of the project value for the Chesapeake Bay TMDL project in the amount of \$1.95 million; and

WHEREAS, the Town desires apply for funding in the amount equal to half of the project value for the Tuscarora Creek Flood Mitigation project in the amount of \$640,000.

THEREFORE, RESOLVED by the Council of the Town of Leesburg in Virginia as follows:

A RESOLUTION: AUTHORIZING THE TOWN MANAGER TO EXECUTE THE GRANT APPLICATION FOR THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY'S VIRGINIA STORMWATER LOCAL ASSISTANCE FUND

SECTION I. The Town Council supports the submission of a grant application to the Virginia Department of Environmental Quality's Stormwater Local Assistance Program in the total amount of \$2,590,000, consisting of \$1.95 million for the Chesapeake Bay TMDL project and \$640,000 for the Tuscarora Creek Flood Mitigation project.

SECTION II. The Town Manager is authorized to execute any and all documents associated with the grant application.

PASSED this _____ day of November 2013.

Kristen C. Umstattd, Mayor
Town of Leesburg

ATTEST:

Clerk of Council