

Mission: To implement a comprehensive stormwater management program that balances the following goals: 1) to reduce the potential for stormwater threats to public health, safety, and property; 2) to reduce the impacts of new and existing urban development on Arlington streams, the Potomac River and the Chesapeake Bay; and, 3) to comply with State and federal stormwater, water quality, and floodplain management regulations

Stormwater Management

- Integrate traditional stormwater infrastructure needs with watershed management and environmental protection objectives and regulatory compliance requirements, including implementation of the County's new Municipal Separate Storm Sewer System (MS4) permit, issued in June 2013.
- Develop a comprehensive update of the County's Stormwater Master Plan, with County Board adoption expected in 2014.
- Implement critical infrastructure and environmental quality projects.
- Support both routine and emergency stormwater infrastructure maintenance activities.

ACCOMPLISHMENTS

Since the adoption of a dedicated funding source for stormwater management in April 2008, steady progress has been made on the design and construction of several important stormwater projects. Examples of work completed or currently underway include the following:

Environmental Quality

- Windy Run stream restoration project (construction expected to begin early 2015)
- Donaldson Run Tributary B stream restoration project (95 percent design completed 2012, construction expected to begin 2015-2016)
- Four Mile Run tidal restoration project (90 percent design completed, construction expected to begin 2014-2015)
- Williamsburg Boulevard median watershed retrofit (final design completed 2012, construction expected to begin 2014)
- Ballston Pond retrofit project, providing wetland restoration and enhanced water quality treatment for over 300 acres that drain to Four Mile Run, as well as improved aesthetics, interpretation, and wildlife habitat (final design completed, invasive plant management work initiated 2012, construction expected to begin 2014)
- Williamsburg Boulevard Medians (Phase II) and 8th Street South (final design completed, construction expected to begin 2015)
- Additional watershed retrofit projects in design include: John Marshall Drive, Kensington Street North, 8th Street South, 11th Street North, and the Northside leaf storage site.

Stormwater Infrastructure

- John Marshall Drive at Lee Highway (construction completed 2013)
- Sycamore at 24th Street North (final design underway, construction anticipated Winter 2015-2016)
- West Little Pimmit Run (Phase I & II final design underway, construction anticipated Fall 2014)

- Spout Run – 18th Street North between North Utah and North Upton and 16th Street North and North Taylor Street to 19th Road North (preliminary design underway)
- 9th Street North between North Liberty Street and North Livingston Street (final design underway, construction anticipated Summer/Fall 2014)

Stormwater Infrastructure Maintenance

- Seven projects to replace 522 linear feet of corrugated metal pipe with reinforced concrete pipe or high density polyethylene pipe.
- Two projects to install 213 feet of storm sewer in the public right of way or public easements to address local drainage issues.
- Three projects to install 625 linear feet of underdrains to address drainage issues associated with groundwater and sump pump water in the public right of way.

The following technical studies are also underway in support of the Stormwater Master Plan update:

- Storm sewer capacity analyses to prioritize system capacity and drainage improvements (Initial computer modeling and analyses for high priority drainage basins that experienced significant flooding in June 2006 storm were completed in 2013. Ongoing analyses are continuing for the following basins: Torreyson Run, Lower Long Branch, Arlington Branch and Rocky Run).

SIGNIFICANT BUDGET CHANGES

The FY 2015 adopted expenditure budget for the Stormwater Management Fund is \$8,571,200, a seven percent increase from the FY 2014 adopted budget. The FY 2015 budget reflects:

- ↑ Personnel increases include the County Board's approval of a one percent increase for employees at Step 19. Additionally, increases are due to employee step increases, a 7.5 percent increase in the County's cost for employee health insurance, adjustments to retirement contributions based on current actuarial projections, and the addition of personnel for stormwater management regulations (\$1,304,322, 11.0 FTEs). The 11 positions are a critical foundational step for stormwater program delivery and compliance, including capital projects delivery to respond to the Chesapeake Bay Total Maximum Daily Load (TMDL), adequate plan review capacity to ensure strong customer service, and sufficient field inspections staff to meet regulatory oversight requirements.
- ↑ Non-personnel increases primarily due to an increase in inter-departmental charges for overhead (\$60,364), operating expenses related to the new FTEs (\$67,643), and reimbursement of a portion of the street sweeping program costs (\$50,896), which is partially offset by an adjustment to the annual expense for maintenance and replacement of County vehicles (\$64,059).
- ↓ Capital decreases \$1,022,970 due to reallocating funding to personnel for the added FTEs, partially offset by other personnel expense increases.
- ↑ Revenues increase \$569,200 due to an increase in projected real estate assessments.
- Due to the impact of the new MS4 permit, new state stormwater regulations, and capital related requirements, an increase in the stormwater tax rate will likely be required in the next three to five years.

PROGRAM FINANCIAL SUMMARY

	FY 2013 Actual	FY 2014 Adopted	FY 2015 Adopted	% Change '14 to '15
Personnel	\$2,816,687	\$2,554,958	\$4,032,284	58%
Non-Personnel	1,619,398	2,164,971	2,279,815	5%
Capital	1,191,145	3,282,071	2,259,101	-31%
Total Expenditures	5,627,230	8,002,000	8,571,200	7%
Total Revenues	9,135,964	8,002,000	8,571,200	7%
Change in Fund Balance	\$3,508,734	-	-	-
Permanent FTEs	26.00	26.00	37.00	
Temporary FTEs	-	-	-	
Total Authorized FTEs	26.00	26.00	37.00	

CAPITAL PROJECTS SUMMARY

Stormwater Management - FY 2015		
Environmental Quality Projects *		
1. Williamsburg Blvd median watershed retrofit (Phase I & II)		\$135,010
2. 11th Street North watershed retrofit		45,004
3. South Walter Reed Drive watershed retrofit		150,021
4. Northside leaf storage area watershed retrofit		85,012
5. Windy Run stream restoration		100,001
	Environmental Quality Projects subtotal =	\$515,048
Infrastructure Projects		
1. Lower Long Branch flood risk reduction project		\$943,995
2. Gulf Branch flood risk reduction study		100,008
3. Donaldson Run flood risk reduction study		100,013
4. Little Pimmit Run Tributary flood risk reduction study		100,037
5. Maintenance Capital: Small drainage projects		100,000
6. Maintenance Capital: Storm Sewer rehabilitation/replacement		250,000
7. Maintenance Capital : Under drains to address springs and sump pump drainage issues in public right of way		100,000
8. Maintenance Capital: Outfall repairs		50,000
	Infrastructure Projects subtotal =	\$1,744,053
	TOTAL =	\$2,259,101
Revenue		
Sanitary District Tax**		\$2,259,101
Total Estimated Revenue		\$2,259,101
Net with Revenues		-

* The Virginia Department of Environmental Quality issued the County's new MS4 permit in June 2013. This permit is significantly more stringent than the previous permit and includes quantitative pollution reduction requirements for the Chesapeake Bay Total Maximum Daily Load (TMDL) — a pollution budget for the Bay. The 'Environmental Quality' projects in the Capital Improvement

STORMWATER MANAGEMENT FUND
FUND SUMMARY

Program (CIP) are key components of the County's strategy to comply with the pollution reduction requirements of the Bay TMDL.

** The current Sanitary District Tax of \$0.013 per \$100 of assessed real property value is not proposed to increase. For CY 2014, it is estimated to generate a total of \$8,571,200 in revenue, of which \$2,259,101 represents the portion of the annual revenue directed towards capital projects in the budget.

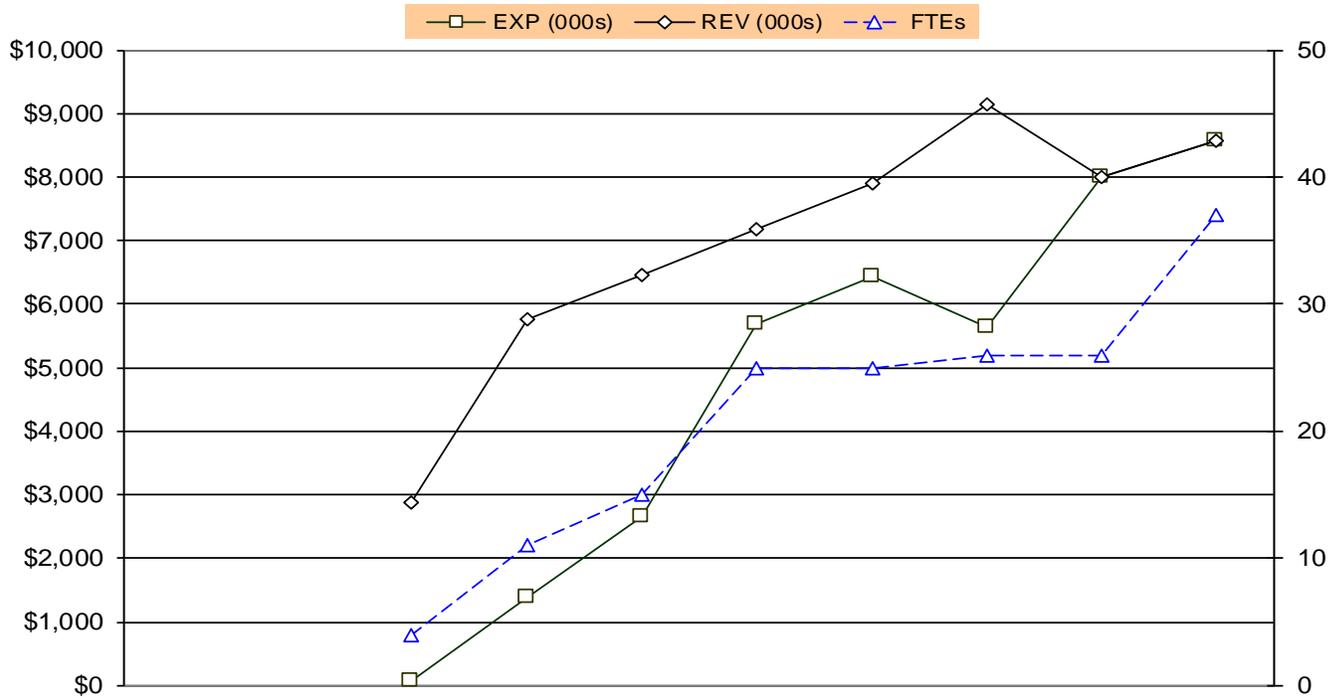
FUND STATEMENT

	FY 2013 ACTUAL	FY 2014 ADOPTED	FY 2014 RE-ESTIMATE	FY 2015 ADOPTED
ADJUSTED BALANCE, JULY 1				
Reserve	\$1,358,000	\$1,500,000	\$1,500,000	\$1,500,000
Capital Reserve	12,583,330	-	15,950,064	-
TOTAL BALANCE	13,941,330	1,500,000	17,450,064	1,500,000
REVENUE				
Sanitary District Tax (\$0.013 real estate tax)	7,755,470	8,002,000	8,002,000	8,571,200
Grants	152,808	-	-	-
Transfer in from PAYG	1,227,686	-	-	-
TOTAL REVENUE	9,135,964	8,002,000	8,002,000	8,571,200
TOTAL REVENUE & BALANCE	23,077,294	9,502,000	25,452,064	10,071,200
EXPENSES				
Operating and Maintenance	4,436,085	4,719,929	4,719,929	6,312,099
Capital Projects	1,191,145	3,282,071	19,232,135	2,259,101
TOTAL EXPENSES	5,627,230	8,002,000	23,952,064	8,571,200
BALANCE, JUNE 30				
Reserve	17,450,064	1,500,000	1,500,000	1,500,000
Capital Reserve	1,500,000	1,500,000	1,500,000	1,500,000
Capital Reserve	15,950,064	-	-	-
TOTAL BALANCE	\$17,450,064	\$1,500,000	\$1,500,000	\$1,500,000

Notes:

- (1) The FY 2014 re-estimate is the current projection of expenses and revenues.
- (2) The change in Fund Balance from FY 2013 to FY 2014 re-estimate is due to anticipated expenditures and/or encumbrances of funds for ongoing capital projects.
- (3) FY 2014 re-estimated expenses budget includes amounts set aside for stormwater master planning evaluation, inspection, monitoring, and capital projects that were carried over from FY 2013 ending balances.

EXPENDITURE, REVENUE, AND FULL-TIME EQUIVALENT TRENDS



	FY 2006 Actual	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Adopted Budget	FY 2015 Adopted Budget
EXP (000s)			\$81	\$1,378	\$2,661	\$5,685	\$6,427	\$5,627	\$8,002	\$8,571
REV (000s)			\$2,882	\$5,764	\$6,458	\$7,173	\$7,896	\$9,136	\$8,002	\$8,571
FTEs			4.00	11.00	15.00	25.00	25.00	26.00	26.00	37.00

- The Stormwater Management Fund was established by the County Board in CY 2008 by adopting a Sanitary District Tax of \$0.01 per \$100 of assessed real property value. In CY 2010 the Sanitary District tax rate was increased to \$0.013 per \$100 of assessed real property value.

Fiscal Year	Description	FTEs
FY 2009	<ul style="list-style-type: none"> ▪ Stormwater Fund was established for the FY 2009 budget by increasing the real estate tax by \$0.01 in CY 2008, generating \$5,764,396 in FY 2009. Since the ad valorem tax applied to the June 2008 real estate payment, an additional \$2,881,938 in revenue was generated in FY 2008 for the Stormwater Management Fund. Any unspent balances in FY 2008 were carried over to FY 2009 in the form of fund balance. ▪ Seven new positions were added to the Stormwater Fund in FY 2009, in addition to the 4.0 FTE added in FY 2008 as part of a supplemental appropriation. ▪ Non-personnel expenditures increased to reflect increased operating expenses to support the seven new FTEs (\$1,253,606), and proposed capital expenses (\$3,674,000) increased in accordance with the County Board approved Stormwater Management Plan. 	7.0
FY 2010	<ul style="list-style-type: none"> ▪ Personnel budget includes the addition of 3.0 FTEs – a Planner, a Program Coordinator and a Construction Management Specialist. In addition, a Planner position (1.0 FTE) was transferred from the General Fund to the Stormwater Management Fund. ▪ Non-personnel operating decreases (\$414,883) due to the elimination of one-time costs that were included in the FY 2009 budget. 	4.0
FY 2011	<ul style="list-style-type: none"> ▪ The County Board adopted a \$0.003 tax increase (\$1,643,114) to the Stormwater Fund to cover the transfer of Stormwater costs in the General Fund to the Stormwater Fund. The increase in expenditures covers the General Fund related personnel and operating costs (10.0 FTEs, \$1,346,963) with the balance of expenditures being allocated to Stormwater Capital expenses and reserves (\$296,151). 	10.0
FY 2012	<ul style="list-style-type: none"> ▪ Non-personnel expenses increase to cover maintenance of stormwater quality retrofits (\$203,886). ▪ Funding for capital projects increases (\$335,837) in FY 2012 as a result of a projected increase in revenue due to higher real estate assessments. ▪ Revenue increases due to higher real estate assessments (\$541,764). 	
FY 2013	<ul style="list-style-type: none"> ▪ Added an Environmental Planner to address the increased stormwater site plan reviews and workload related to the County's MS4 stormwater permit (1.0 FTE; \$107,537). ▪ Non-personnel expenses increase to cover maintenance for stream restoration projects (\$20,000), creation of a stream and storm sewer monitoring network (\$100,000), and an increase in the operating contingent (\$107,615). 	1.0

Fiscal Year	Description	FTEs
	<ul style="list-style-type: none"> ▪ Funding for capital projects increases (\$45,556) as a result of a projected increase in revenue due to higher real estate assessments. ▪ Revenue increases due to higher real estate assessments (\$456,488). 	
FY 2014	<ul style="list-style-type: none"> ▪ Non-personnel expenses increase based on higher contract costs anticipated with the new MS4 permit (\$89,726), an adjustment to the annual expense for the maintenance and replacement of County vehicles (\$6,019), funding the County's share of the Northern Virginia Regional Commission's work on Four Mile Run (\$60,156) which was previously funded by the General Fund, higher administrative overhead contributions to the General Fund based on prior years' actual (\$100,000), and other changes itemized below. This is partially offset by a reduction in operating contingency (\$130,824). ▪ Funding for capital projects decrease (\$461,035) in FY 2014 as a result of higher operating expenses and transfer of projects previously supported in the General Fund. ▪ Revenues increase (\$2,000) due to a slight increase in the projected real estate assessments. ▪ Increase Inter-Department Charges for the reimbursement to the General Fund for a portion of the street sweeping program costs (\$240,000). ▪ Transfer of the contribution to Arlingtonians for a Clean Environment (ACE) from the General Fund (\$69,705). 	
FY 2015	<ul style="list-style-type: none"> ▪ Added personnel for stormwater management regulations. The 11 positions are a critical foundational step for stormwater program delivery and compliance. ▪ Non-personnel increases primarily due to an increase in inter-departmental charges for overhead (\$60,364), operating expenses related to the new FTEs (\$67,643), and reimbursement of a portion of the street sweeping program costs (\$50,896), which is partially offset by an adjustment to the annual expense for maintenance and replacement of County vehicles (\$64,059) ▪ Funding for capital projects decrease (\$1,022,970) in FY 2015 as a result of adding 11.0 FTEs and other personnel expense increases. ▪ Revenues increase due to a projected increase in real estate assessment values (\$569,200). 	11.0