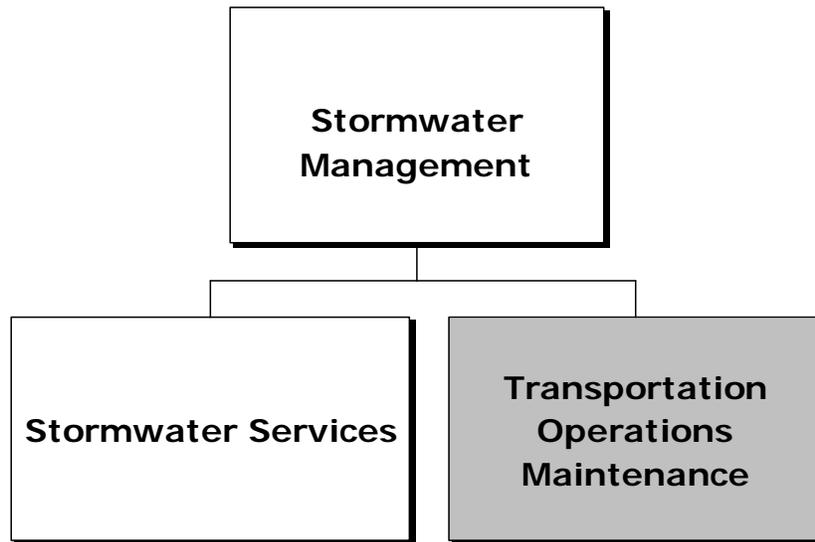


Fund 40100 Stormwater Services



 Denotes functions that are included in both the General Fund, Agency 87, Unclassified Administrative Expenses, and Fund 40100, Stormwater Services.

Mission

To develop and maintain a comprehensive watershed and infrastructure management program to protect property, health and safety; to enhance the quality of life; and to preserve and improve the environment for the benefit of the public. To plan, design, construct, operate, maintain and inspect the infrastructure, and perform environmental assessments through coordinated stormwater and maintenance programs in compliance with all government regulations utilizing innovative techniques, customer feedback and program review; and to be responsive and sensitive to the needs of the residents, customers and public partners.

Focus

Stormwater Services are essential to protect public safety, preserve property values and support environmental mandates such as those aimed at protecting the Chesapeake Bay and the water quality of other local jurisdictional waterways. Projects in this fund include repairs to stormwater infrastructure, measures to improve water quality such as stream stabilization, rehabilitation, safety upgrades of state regulated dams, repair and replacement of underground pipe systems, surface channels, structural flood proofing and best management practices (BMP), site retrofits and improvements. This funding also supports the implementation of watershed master plans, public outreach efforts, and stormwater monitoring activities as well as operational maintenance programs related to the existing storm drainage infrastructure as it pertains to stormwater conveyance and stormwater quality improvements.

Fund 40100 Stormwater Services

As part of the FY 2010 Adopted Budget Plan, a special service district was created to support the Stormwater Management Program and provide a dedicated funding source for both operating and capital project requirements, as authorized by Code of Virginia Ann. Sections 15.2-2400. In FY 2016, the stormwater service rate will increase from \$0.0225 to \$0.0250 per \$100 of assessed real estate value. In FY 2015, staff developed a five-year rate plan and a phased approach for funding and staffing to support the anticipated regulatory increases. The 5-year spending plan includes approximately \$225 million in required projects and operational support; therefore, the plan includes an annual increase in the rate of ¼ penny each year. This increase will support a number of goals. First, it will provide for constructing and operating stormwater management facilities, including stream restorations, new and retrofitted ponds, and installation of Low Impact Development (LID) techniques, required to comply with the federally mandated Chesapeake Bay Program. This program requires the County to reduce Phosphorus, Nitrogen, and sediment loads to the Potomac River and Chesapeake Bay. MS4 Permit holders must achieve 5 percent of the required reductions in the first five years; 35 percent of the required reductions in the second five years; and 60 percent of the required reductions in the third five years. The Capital Improvement Program includes a gradual increase that will help meet these requirements. Second, the increase will aid in the planning, construction, and operation of stormwater management facilities required to comply with state established local stream standards by reducing bacteria, sediments, and Polychlorinated Biphenyl (PCB) entering local streams. It is estimated that between 70 and 80 percent of the streams in the County are currently impaired. Third, the increase will support the federally mandated inspecting, mapping, monitoring, maintaining, and retrofitting of existing stormwater facilities. The County currently maintains 1,540 stormwater management facilities that are valued at \$500 million. Fourth, the increase will aid in collecting stormwater data and reporting the findings; providing community outreach and education, supporting new training programs for employees; and developing new Total Maximum Daily Loads (TMDL) Action Plans for impaired streams related to the MS4 Permit requirements. Fifth, the increase will improve dam safety by supporting annual inspections of 19 state-regulated dams in the County and by developing Emergency Action Plans required by the state. The Emergency Action Plans will be updated annually and a new plan will be prepared for each dam every six years. In addition, these plans will include annual emergency drills and exercises, and flood monitoring for each dam. Finally, the increase will facilitate the maintaining, rehabilitating, and reinvesting in the County's conveyance system. The County's conveyance system includes 43,000 structures and 1,600 miles of pipes and paved channels, and it is valued at more than \$1 billion. The FY 2016 proposed rate of \$0.0250 per \$100 of assessed real estate value is consistent with the 5-year plan.

Stormwater staff annually evaluates funding required to meet the increasing federal and state regulatory requirements pertaining to the Municipal Separate Storm Sewer System (MS4) Permit requirements, and State and Federal mandates associated with controlling water pollution delivered to local streams and the Chesapeake Bay.

The FY 2016 levy of \$0.0250 will generate \$56,500,000, supporting \$19,623,379 for staff and operational costs; \$35,751,621 for capital project implementation including, infrastructure reinvestment, regulatory requirements, dam safety, and contributory funding requirements; and \$1,125,000 transferred to the General Fund to partially offset central support services such as Human Resources, Purchasing, Budget and other administrative services supported by the General Fund which benefit this fund.

Fund 40100

Stormwater Services

Stormwater Services Operational Support

Fund 40100, Stormwater Services, provides funding for staff salaries, Fringe Benefits, and Operating Expenses for all stormwater operations. In addition, Fund 40100 also includes 23/23.0 FTE positions related to transportation operations maintenance provided by the Maintenance and Stormwater Management Division. All funding for the transportation related salary expenses and equipment is recovered from General Fund Agency 87, Department of Public Works and Environmental Services (DPWES) Unclassified Administrative Expenses, as they do not qualify for expenses related to the stormwater service district.

**Stormwater Services supports
the following County Vision Elements:**



Maintaining Safe and Caring Communities



Connecting People and Places



Practicing Environmental Stewardship

Fund 40100 also supports the Urban Forestry Management Division (UFMD). The UFMD was established to mitigate tree loss and maximize tree planting during land development, enforce tree conservation requirements and suppress populations of Gypsy Moth, Emerald Ash Borer and other forest pests. The division also implements programs needed to sustain the rich level of environmental, ecological and socio-economic services provided by the County's tree canopy. The UFMD is aligned with the mission of Stormwater Services as it strives to "*improve water quality and stormwater management through tree conservation.*" Tree canopy and forest soils contribute significant levels of water pollution and stormwater runoff mitigation services. Recent analysis has estimated that the County would need to invest \$1.9 billion dollars in infrastructure to match the level of stormwater management that is provided by its tree canopy during a ten-year storm event.

Stormwater Regulatory Program

The County is required by federal law to operate under the conditions of a state issued Municipal Separate Storm Sewer System (MS4) Permit. The MS4 Permit allows the County to discharge stormwater from its stormwater systems into state and federal waters. The County currently owns and/or operates approximately 7,000 piped outfalls within the stormwater system that are governed by the permit. The current permit was issued in 2002 and expired in 2007, and the County has been operating under a state issued administrative extension, while the state and the Environmental Protection Agency (EPA) agree to new permit requirements. A draft permit has been prepared for the County which indicates that significant enhancements to all facets of the program will be required. The permit requires the County to better document the stormwater management facility inventory, enhance public outreach and education efforts, increase water quality monitoring efforts, provide stormwater management and stormwater control training to all County employees, and thoroughly document all of these enhanced efforts. Staff is currently evaluating County programs to identify potential implementation targets and developing the procedures to implement these additional permit requirements. The permit also requires the county to implement stormwater retrofit projects that will reduce the nutrients and sediment delivered to the Chesapeake Bay in compliance with the Chesapeake Bay TMDL implementation plan adopted by the State. Funding in the amount of \$6.0 million is included for the Stormwater Regulatory Program in FY 2016.

Fund 40100

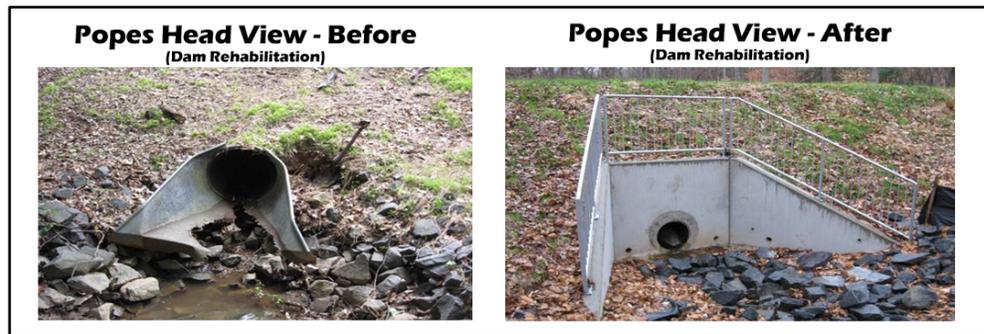
Stormwater Services

Dam Safety and Facility Rehabilitation

There are currently more than 6,000 Stormwater management facilities in service that range in size from small rain gardens to large state regulated flood control dams. The County is responsible for inspecting both County owned and privately owned facilities and for maintaining County owned facilities. This inventory increases yearly and is projected to continually increase as new developments and redevelopment sites are required to install stormwater management controls. In addition, the County is required to provide a facility retrofit program to improve stormwater management controls on existing stormwater management facilities that were developed and constructed prior to current standards being in place.

This program maintains the control structures and dams that control and treat the water flowing through County owned facilities. This initiative also includes the

removal of sediment that occurs in both wet and dry stormwater management facilities to ensure that adequate capacity is maintained to treat the stormwater. The program results in approximately 25 retrofit projects annually that require redesign and construction management activities as well as contract management and maintenance responsibilities. Funding in the amount of \$6.5 million is included for Dam Safety and Facility Rehabilitation in FY 2016.



Conveyance System Rehabilitation

The County owns and operates approximately 1,600 miles of underground stormwater pipes and paved channels with an estimated replacement value of over one billion dollars. The County began performing internal inspections of the pipes in FY 2006. The initial results showed that more than 5 percent of the pipes were in complete failure and an additional 15 percent of them required immediate repair. Increased MS4 Permit regulations apply to these 1,600 miles of

existing conveyance systems and 43,000 stormwater structures. Acceptable industry standards indicate that one dollar re-invested in infrastructure saves seven dollars in the asset's life and \$70 dollars if asset failure occurs. The goal of this program is to inspect pipes on a 10-year cycle and rehabilitate pipes and paved channels before total failure occurs. Funding in the amount of \$6.0 million is included for Conveyance System Rehabilitation in FY 2016.



Fund 40100 Stormwater Services

Stream and Water Quality Improvements

This program funds water quality projects necessary to mitigate the impacts to local streams and the Chesapeake Bay resulting from urban stormwater runoff. This includes water quality projects such as construction of stormwater management ponds, implementation of low impact development techniques on stormwater facilities, stream restorations, and approximately 1,700 water quality projects identified in the completed countywide Watershed Management Plans. In addition, Total Maximum Daily Load (TMDL) requirements for

local streams and the Chesapeake Bay are the regulatory process by which pollutants entering impaired water bodies are reduced. The Chesapeake Bay TMDL was established by the EPA and requires that MS4 communities as well as other dischargers implement measures to



significantly reduce the nitrogen, phosphorous and sediment loads entering waters draining to the Bay by 2025. Compliance with the Bay TMDL will require the County to undertake construction of new stormwater facilities, retrofit existing facilities and properties, and increase maintenance. Preliminary estimates indicate that the projects needed to bring the County's stormwater system into compliance with the Bay TMDL could cost between \$70 and \$90 million per year. The Bay TMDL pollutant reduction requirement is additive to the current design and construction efforts associated with 1,700 Watershed Plan projects and ongoing stream and flood mitigation projects. Funding in the amount of \$15.28 million is included for Stream and Water Quality Improvements in FY 2016.

Emergency and Flood Response Projects

This program supports flood control projects for unanticipated flooding events that impact storm systems and flood residential properties. The program will provide annual funding for scoping, design, and minor construction activities related to flood mitigation projects. Funding in the amount of \$1.0 million is included for the Emergency and Flood Response Projects in FY 2016.

Stormwater Allocation to Towns

On April 18, 2012, the State Legislature passed SB 227 which entitles the Towns of Herndon and Vienna to all revenues collected within their boundaries by Fairfax County's stormwater service district. An agreement was developed for a coordinated program whereby the Towns will remain part of the County's service district and the County will return 25 percent of the revenue collected from properties within each town. This allows for services that towns provide independently such as maintenance and operation of stormwater pipes, manholes, and catch basins. The remaining 75 percent will remain with the County and the County will take on the responsibility for the Towns' Chesapeake Bay TMDL requirements as well as other TMDL and MS4 requirements. This provides for an approach that is based on watersheds rather than on jurisdictional lines. Funding in the amount of \$371,247 is included for the Stormwater Allocations to Towns project in FY 2016.

Fund 40100

Stormwater Services

Stormwater Related Contributory Program

Contributory funds are provided to the Northern Virginia Soil and Water Conservation District (NVSWCD) and the Occoquan Watershed Monitoring Program (OWMP). The NVSWCD is an independent subdivision of the Commonwealth of Virginia that provides leadership in the conservation and protection of Fairfax County's soil and water resources. It is governed by a five-member Board of Directors, three of whom are elected every four years by the voters of Fairfax County and two who are appointed by the Virginia Soil and Water Conservation Board. Accordingly, the work of NVSWCD supports many of the environmental efforts set forth in the Board of Supervisors' Environmental Excellence 20-year Vision Plan. The goal of the NVSWCD is to continue to improve the quality of the environment and general welfare of the citizens of Fairfax County by providing them with a means of dealing with soil, water conservation and related natural resource problems. It provides County agencies with comprehensive environmental evaluations for proposed land use changes with particular attention to the properties of soils, erosion potential, drainage and the impact on the surrounding environment. NVSWCD has consistently been able to create partnerships and leverage state, federal and private resources to benefit natural resources protection in Fairfax County. FY 2016 funding of \$485,064 is included in Fund 40100 for the County contribution to the NVSWCD.

The OWMP and the Occoquan Watershed Monitoring Laboratory (OWML) were established to ensure that water quality is monitored and protected in the Occoquan Watershed. Given the many diverse uses of the land and water resources in the Occoquan Watershed (agriculture, urban residential development, commercial and industrial activity, water supply, and wastewater disposal), the OWMP plays a critical role as the unbiased interpreter of basin water quality information. FY 2016 funding of \$115,611 is included in Fund 40100 for the County contribution to the OWMP.

Budget and Staff Resources

Category	FY 2014 Actual	FY 2015 Adopted	FY 2015 Revised	FY 2016 Advertised
FUNDING				
Expenditures:				
Personnel Services	\$16,273,488	\$17,257,850	\$17,732,457	\$18,799,696
Operating Expenses	2,178,606	2,441,995	2,574,051	2,443,495
Capital Equipment	43,010	737,800	761,966	701,130
Capital Projects	31,788,172	29,961,954	82,937,315	35,751,621
Subtotal	\$50,283,276	\$50,399,599	\$104,005,789	\$57,695,942
Less:				
Recovered Costs	(\$2,466,223)	(\$2,214,599)	(\$2,214,599)	(\$2,320,942)
Total Expenditures	\$47,817,053	\$48,185,000	\$101,791,190	\$55,375,000
AUTHORIZED POSITIONS/FULL-TIME EQUIVALENT (FTE)				
Regular	174 / 174	176 / 176	180 / 180	181 / 181

Fund 40100

Stormwater Services

<p><u>Maintenance and Stormwater Management (MSMD)</u></p> <p><u>Administration</u></p> <p>1 Director, Maintenance and SW</p> <p>1 Management Analyst IV</p> <p>1 Management Analyst II</p> <p>1 IT Programmer Analyst III (1)</p> <p>1 Network/Telecom. Analyst I</p> <p>1 Information Technology Tech. III</p> <p>1 Business Analyst II</p> <p>1 Safety Analyst I</p> <p>1 Administrative Assistant V</p> <p>1 Administrative Assistant IV</p> <p>2 Administrative Assistants III</p> <p>2 Administrative Assistants II</p> <p><u>Contracting Services/ Material Support</u></p> <p>1 Material Mgmt. Specialist III</p> <p>1 Engineering Technician III</p> <p>1 Management Analyst II</p> <p>1 Contract Analyst I</p> <p>1 Inventory Manager</p> <p><u>Dam Safety and Maintenance Projects/Projects and LID/Inspection and Maintenance</u></p> <p>1 Public Works-Env. Serv. Manager</p> <p>1 Engineer IV</p> <p>2 Engineers III</p> <p>1 Ecologist III</p> <p>1 Ecologist II</p> <p>3 Engineering Technicians III</p> <p>1 Engineering Technician II</p> <p>1 Engineering Technician I</p> <p>2 Project Managers II</p> <p>4 Project Managers I</p>	<p><u>Field Operations</u></p> <p>4 Env. Services Supervisors</p> <p>1 Public Works-Env. Serv. Manager</p> <p>3 Senior Maintenance Supervisors</p> <p>8 Maintenance Supervisors</p> <p>5 Maintenance Crew Chiefs</p> <p>12 Senior Maintenance Workers</p> <p>7 Maintenance Workers</p> <p>9 Heavy Equipment Operators</p> <p>9 Motor Equipment Operators</p> <p>2 Masons</p> <p>1 Vehicle Maintenance Coordinator</p> <p>1 Engineering Technician III</p> <p>1 Carpenter I</p> <p>1 Equipment Repairer</p> <p>1 Welder II</p> <p><u>Infrastructure Branch</u></p> <p>1 Engineer V</p> <p>2 Engineers IV</p> <p>2 Engineers III</p> <p>2 Project Managers II</p> <p>1 Project Manager I</p> <p>5 Engineering Technicians III</p> <p>3 Engineering Technicians II</p> <p>1 Engineering Technician I</p> <p>1 Senior Engineering Inspector</p> <p>1 Instrumentation Technician II</p> <p>1 GIS Analyst III</p> <p>1 GIS Analyst I</p> <p>1 GIS Technician</p>	<p><u>Stormwater Planning Division</u></p> <p>1 Director, Stormwater Planning</p> <p>3 Engineers V</p> <p>4 Engineers IV</p> <p>2 Senior Engineers III</p> <p>9 Engineers III</p> <p>4 Project Managers II</p> <p>1 Project Coordinator</p> <p>2 Ecologists IV</p> <p>4 Ecologists III</p> <p>5 Ecologists II</p> <p>1 Emergency Mgmt. Specialist III</p> <p>2 Landscape Architects III</p> <p>2 Engineering Technicians III</p> <p>1 Administrative Assistant III</p> <p>2 Management Analysts II</p> <p>1 Communication Specialist II</p> <p>2 Code Specialists II</p> <p>1 Contract Specialist II</p> <p>1 GIS Analyst II</p> <p>1 Financial Specialist I</p> <p><u>Urban Forestry</u></p> <p>1 Director, Urban Forestry Division</p> <p>2 Urban Foresters III</p> <p>6 Urban Foresters II</p>
<p><u>TOTAL POSITIONS</u></p> <p>181 Positions (1) / 181.0 FTE (1.0) () Denotes New Position</p>		

FY 2016 Funding Adjustments

The following funding adjustments from the FY 2015 Adopted Budget Plan are necessary to support the FY 2016 program.

- ◆ **Employee Compensation**

An increase of \$445,291 in Personnel Services includes \$128,460 for a 0.84 percent market rate adjustment (MRA) for all employees and \$316,831 for performance-based and longevity increases for non-uniformed merit employees, both effective July 2015.

\$445,291
- ◆ **Other Post-Employment Benefits**

An increase of \$14,835 in Personnel Services reflects required adjustments associated with providing Other Post-Employment Benefits (OPEBs) to retirees, including the Retiree Health Benefits Subsidy. For more information on Other Post-Employment Benefits, please refer to Fund 73030, OPEB Trust Fund, in Volume 2 of the FY 2016 Advertised Budget Plan.

\$14,835

Fund 40100 Stormwater Services

- ◆ **New Position** **\$128,365**
An increase of \$128,365 in Personnel Services is necessary to fund salary and fringe benefits requirements associated with the approval of 1/1.0 FTE IT Programmer Analyst III position in FY 2016. The IT Programmer Analyst III will support all of Stormwater Services programming and system support needs. The new position will create and maintain reports and other tools used to analyze data associated with asset management, work orders, remote flood monitoring, MS4 permit tracking, watershed management, pro rata program management, and other Stormwater functions. The new position will also be involved in two new initiatives that are currently under development, i.e. the MS4 Data Coalescing Application and the Automatic Vehicle Locator (AVL)/Snow Application Technology that offer great benefits to the County through enhanced coordination and speed/efficiency of response. The IT Programmer Analyst III will assist with the growing number of programming needs within the fund and will improve the quality and timeliness of the IT services that are currently being contracted out.
- ◆ **Position Supporting Land Development Process** **\$0**
On December 2, 2014, the Board of Supervisors approved increases to Land Development Services and Fire Prevention Division (Fire Marshal) fees for plan review, permits, and inspection services. The fee increase will support additional staff resources in a variety of agencies supporting the plan review, permits and inspection process. The goal of the additional staff is to assist the County in improving customer service, work plan implementation efforts, supporting minimum submission review for grading plans and tenant work, electronic plan submissions and reducing plan review timeframes. The approved fee increases are anticipated to result in additional revenue of approximately \$2.1 million in FY 2015 and \$5.1 million in FY 2016 to support land development projects in Fairfax County. To support this effort, 1/1.0 FTE Urban Forester II position was added to Fund 40100, Stormwater Services, in FY 2015. An increase of \$106,343 in Personnel Services for salary and fringe benefits is required to support this position. This increase will be offset by an increase of \$106,343 in Recovered Costs.
- ◆ **Operational Requirements** **\$848,512**
An increase of \$848,512, including \$847,012 in Personnel Services and \$1,500 in Operating Expenses, is required to fund Stormwater Services operational budget primarily based on increases in Fringe Benefits costs, Personnel Services costs based on actual experience, and PC Replacement costs.
- ◆ **Capital Equipment** **\$701,130**
Capital Equipment funding of \$701,130 is included for requirements associated with replacement equipment that has outlived its useful life and new equipment critical to carryout stormwater services activities. Replacement equipment in the amount of \$676,936 includes: \$393,477 to replace backhoes and excavators that are essential to support emergency response programs; \$64,782 to replace trailers that are used to transport heavy equipment to and from sites; \$14,000 to replace a utility vehicle that is critical for accessing difficult work locations; \$47,063 to replace a forklift that transports large loads; \$150,000 to replace a dump truck that supports all aspects of Stormwater maintenance and emergency response programs; and \$7,614 to replace an electrofisher that is used during the annual sampling/biological monitoring required by the MS4 Permit. In addition, funding in the amount of \$24,194 is required for the purchase of new equipment including a mid-size passenger hybrid fleet car that will support Urban Forestry field work.

Fund 40100 Stormwater Services

- ◆ **Capital Projects** **\$35,751,621**
Funding in the amount of \$35,751,621 has been included in FY 2016 for priority stormwater capital projects.

Changes to FY 2015 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2015 Revised Budget Plan since passage of the FY 2015 Adopted Budget Plan. Included are all adjustments made as part of the FY 2014 Carryover Review, and all other approved changes through December 31, 2014.

- ◆ **Carryover Adjustments** **\$53,606,190**
As part of the FY 2014 Carryover Review, the Board of Supervisors approved funding of \$53,606,190 based on the carryover of unexpended project balances in the amount of \$52,872,035 and a net adjustment of \$734,155. This adjustment included the appropriation of \$474,607 from Stormwater operational budget savings to support additional positions associated with the new Stormwater Ordinance approved by the Board of Supervisors on January 28, 2014, the carryover of \$156,222 in operating and capital equipment encumbrances, and an increase to capital projects of \$103,326. The net adjustment to capital projects was based on the appropriation of the remaining operational savings of \$180,100 and the appropriation of \$496 in miscellaneous revenues received in FY 2014, partially offset by a reduction of \$77,270 due to lower than anticipated Stormwater Service district tax receipts.
- ◆ **Position Movement** **\$0**
During FY 2015, a realignment of stormwater construction management requirements led to a net increase of 3/3.0 FTE positions in Fund 40100. This was the result of the transfer of 2/2.0 FTE Engineering Technician II positions from Agency 31, Land Development Services, and 1/1.0 FTE Maintenance Worker position from Fund 40140, Refuse Collection and Recycling Operations, to Fund 40100, Stormwater Services.
- ◆ **Position Adjustment Supporting Land Development Process** **\$0**
On December 2, 2014, the Board of Supervisors approved increases to Land Development Services and Fire Prevention Division (Fire Marshal) fees for plan review, permits, and inspection services. The fee increase will support additional staff resources in a variety of agencies supporting the plan review, permits and inspection process. As a result of the fee increase, 1/1.0 FTE was added in FY 2015 to Fund 40100, Stormwater Services, to support increased development activity within the County. Any revenue and funding adjustments required in FY 2015 as a result of this new position will be made as part of the FY 2015 Third Quarter Review.

Fund 40100 Stormwater Services

Key Performance Measures

Indicator	Prior Year Actuals			Current Estimate
	FY 2012 Actual	FY 2013 Actual	FY 2014 Estimate/Actual	FY 2015
Stormwater Services				
MS4 Permit violations received	0	0	0/0	0
Percent of Emergency Action Plans current	100%	100%	100%/100%	100%
Percent of commuter facilities available 365 days per year	100%	100%	100%/100%	100%

A complete list of performance measures can be viewed at www.fairfaxcounty.gov/dmb/fy2016/advertised/pm/40100.pdf

Performance Measurement Results

The objective to receive no MS4 Permit violations related to inspection and maintenance of public and private stormwater management facilities was met in FY 2012, FY 2013, and FY 2014. It is expected that this objective will also be met in FY 2015 and FY 2016. It should be noted that the current MS4 Permit was issued in 2002 and expired in 2007, and the County has been operating under a state issued administrative extension, while the state and the EPA agree to new permit requirements. The objective to update 100 percent of the emergency action plans that Stormwater is responsible for was met in prior years. It is estimated that this trend will continue in FY 2015 and FY 2016. Lastly, the objective to keep 100 percent of the commuter facilities operational for 365 days was met in prior years. It is expected that this goal will be met in FY 2015 and FY 2016.

Fund 40100 Stormwater Services

FUND STATEMENT

Fund 40100, Stormwater Services

	FY 2014 Actual	FY 2015 Adopted Budget Plan	FY 2015 Revised Budget Plan	FY 2016 Advertised Budget Plan
Beginning Balance	\$29,474,154	\$0	\$23,048,647	\$0
Revenue:				
Stormwater Service District Levy	\$41,122,730	\$49,185,000	\$49,185,000	\$56,500,000
Sale of Bonds ¹	0	0	30,000,000	0
Natural Resources Conservation Service NRCS Grant ²	1,268,320	0	557,543	0
Miscellaneous	496	0	0	0
Total Revenue	\$42,391,546	\$49,185,000	\$79,742,543	\$56,500,000
Total Available	\$71,865,700	\$49,185,000	\$102,791,190	\$56,500,000
Expenditures:				
Personnel Services	\$16,273,488	\$17,257,850	\$17,732,457	\$18,799,696
Operating Expenses	2,178,606	2,441,995	2,574,051	2,443,495
Recovered Costs	(2,466,223)	(2,214,599)	(2,214,599)	(2,320,942)
Capital Equipment	43,010	737,800	761,966	701,130
Capital Projects	31,788,172	29,961,954	82,937,315	35,751,621
Total Expenditures	\$47,817,053	\$48,185,000	\$101,791,190	\$55,375,000
Transfers Out:				
General Fund (10001) ³	\$1,000,000	\$1,000,000	\$1,000,000	\$1,125,000
Total Transfers Out	\$1,000,000	\$1,000,000	\$1,000,000	\$1,125,000
Total Disbursements	\$48,817,053	\$49,185,000	\$102,791,190	\$56,500,000
Ending Balance⁴	\$23,048,647	\$0	\$0	\$0
Tax Rate Per \$100 of Assessed Value	\$0.0200	\$0.0225	\$0.0225	\$0.0250

¹ On November 6, 2012, the voters approved a bond referendum in the amount of \$30 million to make storm drainage improvements to prevent flooding and soil erosion, including acquiring any necessary land. It is planned to use this bond money to prevent flooding in the Huntington community.

² On June 4, 2013, the Board of Supervisors approved a joint project between the Natural Resources Conservation Services (NRCS), the Northern Virginia Soil and Water Conservation District (NVSWCD), and Fairfax County. The estimated total cost of the project is \$2,809,020. The NRCS will pay 65 percent of the cost (\$1,825,863) while Fairfax County will be required to fund 35 percent of the final costs (\$983,157), less any in-kind service credits. Funding for the County share is available in existing appropriations in project SD-000033, Dam Safety and Facility Rehabilitation.

³ Funding in the amount of \$1,125,000 is transferred to the General Fund to partially offset central support services supported by the General Fund which benefit Fund 40100. These indirect costs include support services such as Human Resources, Purchasing, Budget and other administrative services.

⁴ Capital projects are budgeted based on the total project costs. Most projects span multiple years, from design to construction completion. Therefore, funding for capital projects is carried forward each fiscal year, and ending balances fluctuate, reflecting the carryover of these funds.

Fund 40100 Stormwater Services

FY 2016 Summary of Capital Projects

Fund 40100, Stormwater Services

Project	Total Project Estimate	FY 2014 Actual Expenditures	FY 2015 Revised Budget	FY 2016 Advertised Budget Plan
Conveyance System Inspection/Development (2G25-028-000)	\$1,325,000	\$0.00	\$1,325,000.00	\$0
Conveyance System Rehabilitation (SD-000034)	28,690,695	6,148,165.44	7,223,239.03	6,000,000
Dam Safety and Facility Rehabilitation (SD-000033)	24,687,730	3,776,483.33	9,670,770.42	6,500,000
Emergency and Flood Response Projects (SD-000032)	6,186,091	860,537.90	975,980.00	1,000,000
Flood Prevention-Huntington Area-2012 (SD-000037)	30,000,000	992,347.14	28,997,684.86	0
Laurel Hill Adaptive Reuse Infrastructure (SD-000038)	750,000	0.00	750,000.00	0
NVSWCD Contributory (2G25-007-000)	2,742,820	460,064.00	485,064.00	485,064
Occoquan Monitoring Contributory (2G25-008-000)	678,406	112,559.00	112,559.00	115,611
Stormwater Allocation to Towns (2G25-027-000)	1,589,676	387,414.00	459,768.05	371,247
Stormwater Regulatory Program (2G25-006-000)	34,296,651	6,023,238.67	10,680,182.26	6,000,000
Stream & Water Quality Improvements (SD-000031)	61,580,711	13,027,362.51	22,257,067.51	15,279,699
Total	\$192,527,780	\$31,788,171.99	\$82,937,315.13	\$35,751,621