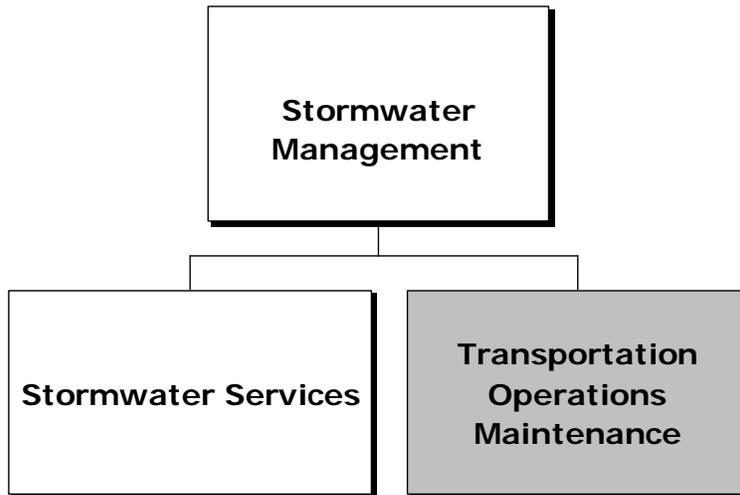
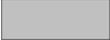


# Fund 125 Stormwater Services



 Denotes functions that are included in both the General Fund, Agency 87, Unclassified Administrative Expenses, and Fund 125, 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; 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

As part of the FY 2010 Adopted Budget Plan, a special service district was created to support the Stormwater Management Program, as authorized by Va. Code Ann. Sections 15.2-2400. The service district levy was increased from \$0.010 to \$0.015 per \$100 of assessed real estate value as part of the FY 2011 Adopted Budget Plan. Since FY 2006, the Board of Supervisors had dedicated the value of one penny of the real estate tax, or approximately \$20 million annually to stormwater capital projects. In FY 2009, due to budget constraints, staffing and operating costs began to be charged to the stormwater penny fund, resulting in an approximate 50 percent reduction in funding for capital project support. The service district was created in FY 2010 to provide a dedicated funding source for both operating and capital project requirements. In FY 2011 the Board of Supervisors approved an increase in the levy from \$0.010 to \$0.015 based on increased enforcement by the Environmental Protection Agency (EPA) and the state.

Fund 125, Stormwater Services, is 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 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

## Fund 125 Stormwater Services

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development of watershed master plans, increased 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. The FY 2012 levy of \$0.015 will generate \$28.8 million, supporting \$11.8 million for staff and operational costs, and \$17 million for capital project implementation and infrastructure reinvestment, regulatory requirements, dam safety, and contributory funding requirements. This dedicated capital funding support will allow the County to implement capital projects in a more efficient manner to meet state and EPA stormwater requirements.

The state mandated Municipal Separate Storm Sewer System (MS4) permit establishes regulatory requirements pertaining to stormwater management. The overarching guidelines for the MS4 permit are based on the National Pollutant Discharge Elimination Systems (NPDES) federal requirements. Compliance with these mandated regulations defines the basis of the Stormwater Management Program. The County is currently operating under an extension of the existing MS4 discharge permit that expired in FY 2007. Negotiations between the Commonwealth of Virginia and Fairfax County, as well as negotiations between the state and many surrounding local communities, continue as several issues related to permit compliance are defined and established. The difficult and challenging permit negotiation process has spanned several years as the exact permit requirements are being developed and refined. It is anticipated that Fairfax County will soon be under new and increased regulatory requirements as a result of these permit negotiations. In addition, recent nutrient loading restrictions related to the Chesapeake Bay requirements are anticipated to impact the regulatory and operational programs within the Stormwater Program.

There are several other program elements in the Stormwater Management Program. Services provided in all of the program areas are critical for compliance with the state and federal regulations pertaining to stormwater management. Details of the program elements for FY 2012 follow:

### Stormwater Regulatory Program

All program elements within the Stormwater Management Program, including maintenance operations, are required components for compliance with the MS4 regulations. Increased MS4 requirements are expected to increase inspection cycles and monitoring efforts, and enhance restrictions for total maximum daily loads of harmful nutrients entering the streams and rivers within the County. Funding for this program is specific to permit administration, public outreach programs, stormwater facility inspections and assessment, and stormwater monitoring programs. The County's Stormwater regulatory program also includes the Fairfax County Public Schools (FCPS) MS4 permit requirements. Consolidation efforts continue to focus on updating the inventory of the School's stormwater management facilities, inspection of the facilities, and initiation of joint County/School programs for required permit compliance. Funding in the amount of \$2,700,000 is included for the Stormwater Regulatory Program in FY 2012.

### Stormwater Management Facility Program

The Stormwater Management Facility Program, a component of the Stormwater Regulatory Program, provides for annual inspections and assessments of the projected 1,510 publicly maintained stormwater management ponds and 3,750 privately maintained stormwater management ponds. Inspections and assessment work are required to remain in compliance with MS4 mandated stormwater facility inspection cycles. Additionally, the stormwater inspection program provides enhanced outreach efforts for owners of privately maintained stormwater facilities to provide useful facility operations and maintenance guidance for these facilities. Funding in the amount of \$1,000,000 is included for the Stormwater Management Facility Program in FY 2012.

## Fund 125

### Stormwater Services

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#### Kingstowne Monitoring

Kingstowne Monitoring is also a component of the Stormwater Regulatory Program. This project supports the Kingstowne environmental program, established by the Board of Supervisors in 1985. In FY 2002, the program was expanded to include the water quality monitoring requirements of the U.S. Army Corps of Engineers for the development of the South Van Dorn Street extension. Funding in the amount of \$300,000 is included for the Kingstowne Monitoring Program in FY 2012. Other efforts specific to the stabilization of the failed Kingstowne Park Dam are funded under the Stormwater Infrastructure Reinvestment Program.

#### Stormwater Dam Safety Program

In FY 2012, the Dam Safety Program will continue to focus on obtaining and maintaining the six-year maintenance and operating certificates on all state regulated dams in the County. Based on recent revisions in federal and state dam safety standards, this program includes the oversight and funding of required critical upgrades of dams and emergency spillways to four of the six high hazard flood control facilities maintained under the PL566 Dam Maintenance Program. The four dam upgrade projects include: Lake Royal which has been completed; Lake Woodglen which was completed in FY 2011; Lake Barton which began construction in FY 2011; and Lake Huntsman which is currently in the design phase with anticipated construction to begin in FY 2012. These are major, multi-million dollar projects, which to date, have received federal joint participation funds and approximately \$3.5 million in American Reinvestment and Recovery Act funds. In addition, the electronic flood control signalization project for the County's largest most hazardous dam facilities and the flood prone areas in New Alexandria/Belleview continues to address other flood prone areas in the County. It is anticipated that operational upgrades and expansion to the system will continue into FY 2012. The signalization process will provide greater flood monitoring capabilities through instantaneous water level condition assessment. This public safety improvement is intended to provide an enhanced warning system that will link to an early notification system during flood response events. Funding in the amount of \$2,700,000 is included for the Dam Safety Program in FY 2012.

#### Stormwater Infrastructure Reinvestment Program

The Infrastructure Reinvestment Program provides inventory inspection and assessment services for repair and rehabilitation of the 1,586 miles of storm drainage conveyance systems and 42,800 stormwater drainage structures in the County. To date, approximately 44,819 linear feet or 8.5 miles of identified storm drainage systems deficiencies have been rehabilitated. Rehabilitation projects have a wide range in scope, varying from repairs of individual structures and single line segments to rehabilitation of entire drainage systems. It should be noted that this program funds emergency actions, stabilization, and initial engineering analysis of the Kingstowne Park Dam, which failed in October 2010. The stabilization measures will avoid further degradation of the dam system. The engineering analysis includes an options matrix and condition assessment of the Kingstowne Park site to identify alternative solutions for implementation once a project funding source has been identified. This program also funds the development of the digital Geographic Information System (GIS) layers related to the storm drainage network and the storm drainage easement layers. Currently, these layers are being updated to ensure a continuous network of pipes and streams for use in analysis related to the MS4 permit requirements and watershed modeling efforts. The digital storm drainage layer also provides emergency response support via instantaneous electronic imaging of storm drainage system connectivity for response issues such as hazardous material spills. The GIS database layer maintenance updates for new easement acquisitions and added drainage systems to the network will continue into FY 2012. Funding in the amount of \$4,893,808 is included for the Stormwater Infrastructure Reinvestment Program in FY 2012.

## Fund 125 Stormwater Services

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### Stormwater Project Implementation Program

While the primary driver of this program is the implementation of projects generated by the 30 watershed master plans in Fairfax County, the list of projects also includes flood control projects, citizen response projects, and other special project needs meeting established project implementation criteria. Project types include: the design and construction of watershed specific projects throughout the County; projects to correct unexpected emergency drainage problems; and engineering studies and construction to alleviate recurring flooding problems. The project implementation program ensures adherence to the most current design and construction standards and includes coordination with property owners, stakeholders, and regulators on project design and construction requirements. Funding in the amount of \$4,893,808 is included for the Stormwater Project Implementation Program in FY 2012.

### Stormwater Related Contributory Program

Beginning in FY 2011, funding has been provided for contributory agencies closely related to the Stormwater 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 2012 funding of \$429,293 is included in Fund 125 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 provides a critical role as the unbiased interpreter of basin water quality information. FY 2012 funding of \$112,559 is included in Fund 125 for the County contribution to the OWMP.

### Stormwater Watershed Planning Program

The County has fulfilled one of the original goals of the Watershed Planning Program by completing comprehensive master watershed plans for all 30 watersheds in Fairfax County in an effort to meet the County's commitment to the 2000 Chesapeake Bay agreement. Several program modifications were made following completion of the initial watershed master plans to help improve the quality and timeliness of the planning process by providing more focused community involvement and by standardizing reporting processes. The watershed master plans provide a strong basis for management and control of stormwater runoff related to the overall water quality and conveyance in Fairfax County. The Stormwater Watershed Planning Program provides support and assistance to the MS4 compliance program as well as stream condition assessments, and coordinates continuing education of stormwater issues through a multitude of public outreach opportunities. The Watershed Planning Program oversees and administers the pro rata share drainage program that generates stormwater funding through the

## Fund 125 Stormwater Services

County land development process as well as coordination with County property owners, developers and state and federal capital improvement projects in terms of stormwater quality and conveyance requirements in the County. All watersheds planning funding was obligated in previous fiscal years, therefore no additional capital funding is required in FY 2012.

### Stormwater Services Operational Support

Fund 125 funds staff salaries, fringe benefits, and operating expenses for all stormwater operations. Maintenance operations are largely influenced by a multitude of citizen requests for service, and internal Storm Drainage (SD) and Stormwater Management (SWM) maintenance programs within the operations maintenance programs. In addition, Fund 125 also provides funding for 23/23.0 SYE positions related to transportation operations maintenance provided by the Maintenance and Stormwater Management Division. All funding of the transportation related salary expenses and equipment are 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. SD maintenance programs provide operational support for service response and investigation to citizen requests for various storm drainage system deficiencies to include removal of system blockages, overland relief deficiencies, and a significant amount of system structural repairs. The SWM maintenance programs provide operational support for various maintenance activities related to SWM facilities, including SWM facility mowing operations, dam repairs, rehabilitation, and routine maintenance. Both maintenance programs leverage the use of in-house forces and contracted services to support both pro-active and re-active maintenance operations. Funding in the amount of \$11,770,532 is included for Stormwater Services Operational Support for FY 2012.

Recognizing the growth in the Stormwater Management Program, and the projected growth in the number of construction projects generated from the completion of watershed management plans, continued staffing and resource management needs require innovative project management between County staff and contracted services.

### Budget and Staff Resources

Agency Summary					
Category	FY 2010 Actual	FY 2011 Adopted Budget Plan	FY 2011 Revised Budget Plan	FY 2012 Advertised Budget Plan	FY 2012 Adopted Budget Plan
<b>Authorized Positions/Staff Years</b>					
Regular	140 / 140	140 / 140	144 / 144	144 / 144	144 / 144
<b>Expenditures:</b>					
Personnel Services	\$10,800,952	\$10,912,882	\$10,912,882	\$11,321,084	\$11,321,084
Operating Expenses	2,064,454	2,076,526	2,282,594	2,076,526	2,076,526
Capital Equipment	101,166	112,400	180,549	87,754	87,754
Capital Projects	1,026,663	16,613,024	20,207,998	17,029,468	17,029,468
<b>Subtotal</b>	<b>\$13,993,235</b>	<b>\$29,714,832</b>	<b>\$33,584,023</b>	<b>\$30,514,832</b>	<b>\$30,514,832</b>
<b>Less:</b>					
Recovered Costs	(\$2,003,569)	(\$1,714,832)	(\$1,714,832)	(\$1,714,832)	(\$1,714,832)
<b>Total Expenditures</b>	<b>\$11,989,666</b>	<b>\$28,000,000</b>	<b>\$31,869,191</b>	<b>\$28,800,000</b>	<b>\$28,800,000</b>

# Fund 125 Stormwater Services

Position Summary		
<p><b><u>Maintenance and Stormwater Management (MSMD)</u></b> <b><u>MSMD Administration</u></b></p> <p>1 Director Maintenance and SW 2 Engineers V 2 Management Analysts II 1 Safety Analyst 1 Communications Specialist II 1 Network/Telecom Analyst I 1 Administrative Assistant IV 3 Administrative Assistants III 2 Administrative Assistants II 1 Information Technology Tec III</p> <p><b><u>Contracting Services</u></b></p> <p>1 Management Analyst III 1 Engineering Technician III 1 Engineering Technician II</p> <p><b><u>Engineering/Technical Support</u></b></p> <p>1 Engineer IV 1 Senior Engineer III 4 Engineers III 1 Ecologist III 1 Ecologist II 3 Engineering Technicians III 1 Engineering Technician II 1 GIS Analyst III 1 GIS Analyst II 1 GIS Analyst I 1 GIS Technician</p>	<p><b><u>Field Operations</u></b></p> <p>1 Env. Services Manager 4 Env. Services Supervisors 2 Senior Maintenance Supervisors 7 Maintenance Supervisors 7 Maintenance Crew Chiefs 14 Senior Maintenance Workers 6 Maintenance Workers 8 Heavy Equipment Operators 9 Motor Equipment Operators 2 Masons</p> <p><b><u>Maintenance Inspections</u></b></p> <p>1 Engineer IV 6 Engineering Technicians III 1 Engineering Technician I</p> <p><b><u>Materials Support</u></b></p> <p>1 Inventory Manager 1 Material Mgmt. Specialist III 1 Motor Equipment Operator</p> <p><b><u>Equipment/Specialty Trades</u></b></p> <p>1 Heavy Equipment Operator 1 Carpenter I 1 Equipment Repairer 1 Welder II</p>	<p><b><u>Stormwater Planning Division</u></b></p> <p>1 Director 3 Engineers V 1 Engineer IV 2 Senior Engineers III 9 Engineers III 1 Project Coordinator 1 Project Manager II 1 Project Manager I 3 Ecologists III 6 Ecologists II 1 Accountant I 1 Management Analyst II 1 Administrative Assistant III 1 Landscape Architect III 2 Engineering Technicians III 1 Engineering Technician I</p>
<b>TOTAL POSITIONS</b>		
<b>144 Positions / 144.0 Staff Years</b>		

## FY 2012 Funding Adjustments

The following funding adjustments from the FY 2011 Adopted Budget Plan are necessary to support the FY 2012 program. Included are all adjustments recommended by the County Executive that were approved by the Board of Supervisors, as well as any additional Board of Supervisors' actions, as approved in the adoption of the budget on April 26, 2011.

- ◆ **Employee Compensation**

It should be noted that no funding is included for pay for performance or market rate adjustments in FY 2012.

**\$0**
- ◆ **Other Post-Employment Benefits**

An increase of \$408,202 is required to reflect increased costs associated with providing Other Post-Employment Benefits (OPEBs) to retirees, including the Retiree Health Benefits Subsidy. Before FY 2011, costs related to these benefits were paid solely by the General Fund; however, these annual costs are now spread across funds in order to more appropriately reflect benefit-related expenses for the employees within each fund. For more information on OPEB, please refer to Fund 603, OPEB Trust Fund, in Volume 2 of the FY 2012 Advertised Budget Plan.

**\$408,202**
- ◆ **Capital Equipment**

Capital Equipment funding of \$87,754 is included for requirements associated with replacement equipment that has outlived its useful life. The equipment includes: \$48,000 to replace a tool utility vehicle with attachments for lifting silt and sediment from detention ponds; \$19,354 to replace two 11-year old backpack electro fishers which are experiencing frequent breakdowns and are used to

**\$87,754**

## Fund 125 Stormwater Services

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complete annual sampling and biological monitoring required by the County's MS4 permit; \$5,200 to replace skid loader sweeper attachment used to clear parking lots, trails and other paved surfaces of sand, salt and debris required by the County's MS4 permit; and \$15,200 to replace two 16-year old large chemical spreaders used in snow removal operations, the cost of which is fully recovered from General Fund Agency 87, Department of Public Works and Environmental Services (DPWES) Unclassified Administrative Expenses.

- ◆ **Capital Projects** **\$17,029,468**  
Funding in the amount of \$17,029,468 has been included in FY 2012 for priority stormwater capital projects. This level of funding will allow for increased efforts to implement and fulfill regulatory requirements and move forward on capital project work.

### **Changes to FY 2011 Adopted Budget Plan**

*The following funding adjustments reflect all approved changes in the FY 2011 Revised Budget Plan since passage of the FY 2011 Adopted Budget Plan. Included are all adjustments made as part of the FY 2010 Carryover Review, FY 2011 Third Quarter Review, and all other approved changes through April 12, 2011.*

- ◆ **Carryover Adjustments** **\$3,869,191**  
As part of the FY 2010 Carryover Review, the Board of Supervisors approved the carryover of unexpended project balances in the amount of \$3,080,161, encumbered funding of \$206,068 in Operating Expenses and \$68,149 in Capital Equipment, and \$514,813 in other adjustments. The \$514,813 represented savings resulting from higher than anticipated position vacancies and operating expenses and was appropriated to the capital projects reserve to support capital projects including: regulatory compliance, dam safety, infrastructure reinvestment and project implementation.
- ◆ **Position Changes** **\$0**  
As part of the FY 2011 review of County position categories, a conversion of 4/4.0 SYE positions has been made. The status of limited term positions was reviewed in light of recent changes to federal regulations related to health care and other federal tax requirements. As a result of this review a number of existing limited term positions have been converted to Merit Regular Status.

### **Objectives**

- ◆ To ensure zero violations in order to maintain compliance with the terms of the federally mandated Municipal Separate Storm Sewer System (MS4) Permit, as part of the comprehensive Stormwater Management Program.
- ◆ To ensure that 100 percent of Emergency Action plans are updated and operational to minimize impact to Fairfax County citizens, as well as protect property from weather events and other emergency situations.
- ◆ To ensure that 100 percent of the Commuter Rail, Park-and-Ride and Bus Transit facilities maintained by the County are functional 365 days per year in support of Fairfax County alternative transportation initiatives in order to reduce air pollution.

## Fund 125 Stormwater Services

Indicator	Prior Year Actuals			Current Estimate	Future Estimate
	FY 2008 Actual	FY 2009 Actual	FY 2010 Estimate/Actual	FY 2011	FY 2012
<b>Output:</b>					
Annual private stormwater management facility inventory	2,772	3,125	3,425 / 3,547	3,625	3,750
Public stormwater management facilities inspected and maintained annually	1,266	1,367	1,407 / 1,419	1,460	1,510
Emergency Action plans updated	16	18	20 / 20	20	20
Average weekly private vehicle trips into maintained facilities	23,470	23,212	30,177 / 23,210	23,793	24,507
Average weekly commuter bus trips into maintained facilities	9,520	9,435	9,529 / 9,680	9,777	9,875
Average weekly train trips into maintained facilities	265	265	265 / 265	265	265
<b>Efficiency:</b>					
Annual cost per private stormwater management facility	\$622	\$356	\$350 / \$253	\$251	\$243
Cost of inspection and maintenance per public stormwater management facility	\$1,582	\$1,572	\$1,646 / \$997	\$982	\$949
Cost of Emergency Response program per 100,000 population	\$57,244	\$74,699	\$79,789 / \$177,954	\$176,074	\$171,781
Cost per transit trip	\$0.46	\$0.34	\$0.30 / \$0.60	\$0.56	\$0.56
<b>Service Quality:</b>					
Percent of private facilities inspected within the fiscal year	20%	17%	23% / 22%	20%	21%
Percent of public facilities inspected and maintained within the fiscal year	100%	89%	58% / 50%	51%	52%
Dollar loss per 100,000 population for claims paid as a result of annual emergency events	\$1,970	\$2,103	\$2,865 / \$392	\$1,482	\$861
Annual commuter facilities complaints received	18	32	48 / 20	29	32
<b>Outcome:</b>					
MS4 permit violations received	0	0	0 / 0	0	0
Percent of Emergency Action Plans current	88%	100%	100% / 100%	100%	100%
Percent of commuter facilities available 365 days per year	100%	100%	100% / 100%	100%	100%

## **Fund 125**

### **Stormwater Services**

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#### **Performance Measurement Results**

In FY 2010 the “Outcome” objective to receive no MS4 permit violations related to inspection and maintenance of public and private stormwater management facilities was met. Inventory growth was greater than anticipated, and maintenance costs per facility were less than anticipated. Inspection cycles were sufficient to meet current permit requirements.

The “Outcome” objective to update 100 percent of the emergency action plans that Stormwater is responsible to update annually was met. The emergency program cost, per population, was greater than anticipated, primarily based on the large snow removal program costs in FY 2010. The estimated dollar loss based on claims paid out was less than estimated.

The “Outcome” objective to keep 100 percent of the commuter facilities operational for 365 days was met. Heavy snows limited service, on several occasions, but the facilities were operational for limited service during those events. Maintenance costs per vehicle trip were greater than anticipated, which is primarily attributed to the large cost for the excessive snow removal services provided. Patronage complaints were significantly lower than estimated.

# Fund 125 Stormwater Services

## FUND STATEMENT

Fund Type G10, Special Revenue Funds

Fund 125, Stormwater Services

	FY 2010 Actual	FY 2011 Adopted Budget Plan	FY 2011 Revised Budget Plan	FY 2012 Advertised Budget Plan	FY 2012 Adopted Budget Plan
<b>Beginning Balance</b>	\$0	\$0	\$3,869,191	\$0	\$0
<b>Revenue:</b>					
Stormwater Service District Levy	\$10,170,890	\$28,000,000	\$28,000,000	\$28,800,000	\$28,800,000
<b>Total Revenue</b>	<b>\$10,170,890</b>	<b>\$28,000,000</b>	<b>\$28,000,000</b>	<b>\$28,800,000</b>	<b>\$28,800,000</b>
<b>Transfer In:</b>					
General Fund (001) <sup>1</sup>	\$362,967	\$0	\$0	\$0	\$0
Stormwater Management Fund (318) <sup>2</sup>	5,325,000	0	0	0	0
<b>Total Transfers In</b>	<b>\$5,687,967</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Available</b>	<b>\$15,858,857</b>	<b>\$28,000,000</b>	<b>\$31,869,191</b>	<b>\$28,800,000</b>	<b>\$28,800,000</b>
<b>Expenditures:</b>					
Personnel Services	\$10,800,952	\$10,912,882	\$10,912,882	\$11,321,084	\$11,321,084
Operating Expenses	2,064,454	2,076,526	2,282,594	2,076,526	2,076,526
Recovered Costs	(2,003,569)	(1,714,832)	(1,714,832)	(1,714,832)	(1,714,832)
Capital Equipment	101,166	112,400	180,549	87,754	87,754
Capital Projects	1,026,663	16,613,024	20,207,998	17,029,468	17,029,468
<b>Total Expenditures</b>	<b>\$11,989,666</b>	<b>\$28,000,000</b>	<b>\$31,869,191</b>	<b>\$28,800,000</b>	<b>\$28,800,000</b>
<b>Total Disbursements</b>	<b>\$11,989,666</b>	<b>\$28,000,000</b>	<b>\$31,869,191</b>	<b>\$28,800,000</b>	<b>\$28,800,000</b>
<b>Ending Balance<sup>3</sup></b>	<b>\$3,869,191</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Tax Rate Per \$100 of Assessed Value</b>	<b>\$0.010</b>	<b>\$0.015</b>	<b>\$0.015</b>	<b>\$0.015</b>	<b>\$0.015</b>

<sup>1</sup> Represents encumbrances associated with Agency 29, Stormwater Management which were required within Fund 125. This agency was eliminated based on the creation of the new Stormwater Service District.

<sup>2</sup> As part of the FY 2009 Carryover Review an amount of \$5.325 million was transferred from Fund 318, Stormwater Management Program, in order to support capital projects. Capital projects include operations support, regulatory compliance, dam safety, infrastructure reinvestment, project implementation, and watershed planning.

<sup>3</sup> 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 125 Stormwater Services

## FY 2012 Summary of Capital Projects

**Fund: 125, Stormwater Services**

<b>Project #</b>	<b>Description</b>	<b>Total Project Estimate</b>	<b>FY 2010 Actual Expenditures</b>	<b>FY 2011 Revised Budget</b>	<b>FY 2012 Advertised Budget Plan</b>	<b>FY 2012 Adopted Budget Plan</b>
DC0800	Kingstowne Monitoring Program	\$300,000	\$0.00	\$0.00	\$300,000	\$300,000
FX0000	Stormwater Capital Projects Reserve	514,813	0.00	514,813.00	0	0
FX0100	Project Implementation Program	10,082,405	0.00	5,188,597.00	4,893,808	4,893,808
FX0400	Dam Safety Program	5,400,000	0.00	2,700,000.00	2,700,000	2,700,000
FX0500	Stormwater Management Facility	3,000,000	244,244.75	1,755,755.25	1,000,000	1,000,000
FX0600	Infrastructure Reinvestment Program	12,189,229	482,046.81	6,813,374.19	4,893,808	4,893,808
FX0700	Stormwater Regulatory Program	5,700,000	300,371.12	2,699,628.88	2,700,000	2,700,000
SP0001	NVSWCD Contributory		0.00	423,271.00	429,293	429,293
SP0002	Occoquan Monitoring Contributory		0.00	112,559.00	112,559	112,559
<b>Total</b>		<b>\$37,186,447</b>	<b>\$1,026,662.68</b>	<b>\$20,207,998.32</b>	<b>\$17,029,468</b>	<b>\$17,029,468</b>