

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; 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 rehabilitation of underground pipe systems, surface channels, flood mitigation, site retrofits and best management practices (BMP), and other stormwater improvements.

The Board of Supervisors approved a special service district to support the Stormwater Management Program as part of the FY 2010 Adopted Budget Plan. This service district provides a dedicated funding source for both operating and capital project requirements by levying a service rate per \$100 of assessed real estate value, as authorized by Code of Virginia Ann. Sections 15.2-2400. Since FY 2010, staff has made significant progress in the implementation of watershed master plans, public outreach efforts, stormwater monitoring activities, water quality and flood mitigation project implementation and operational maintenance programs related to existing storm drainage infrastructure including stormwater conveyance, and regulatory requirements.

An ultimate rate of \$0.0400 per \$100 of assessed value has been estimated to be required to fully support the stormwater program in the future; however, staff is currently evaluating the long-term requirements for the program to address other community needs. Some of the additional community needs under evaluation include debt service to support the Board's approval of the dredging of Lake Accotink, the anticipation of additional flood mitigation requirements, and strengthening the role and financial support for the implementation of stormwater requirements associated with Fairfax County Public Schools sites under renovation. This enhanced program may require incremental changes to the rate over time and may result in a higher ultimate rate to fully support the program. Staff will be evaluating these requirements, as well as the staffing to support them, and analyzing the impact of increased real estate values and revenue projections.

One of the recent initiatives being funded by the Stormwater Fund is the new Public Works complex to consolidate functions and operations and maximize efficiencies between the Stormwater and Wastewater Divisions. Stormwater operations are currently conducted from various locations throughout the County, and a new colocation of both Stormwater and Wastewater staff will provide efficiencies and sharing of resources. Another initiative in progress is the planned dredging of Lake Accotink. Lake Accotink is a 55-acre lake surrounded by managed conservation areas, wetlands, deciduous and evergreen forests, and historic and prehistoric sites. Over 300,000 patrons visit the park annually to enjoy a variety of facilities and activities that vary with the season. Sediment from the upstream areas of the watershed has continued to be deposited in Lake Accotink over the years filling in the lake and limiting recreational use. The estimated cost for dredging including sediment disposal is \$30,500,000. Staff has identified the option of a low interest loan via the Virginia Clean Water Revolving Loan Fund (VCWRLF) as the preferred funding mechanism to fund the dredging project costs. The Stormwater fund will pay the future debt costs.

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While staff continues to further evaluate the impact of recent initiatives and the long-term requirements for the Stormwater Program, the FY 2022 rate will remain the same as the FY 2021 Adopted Budget Plan level of \$0.0325 per \$100 of assessed value. However, based on capital project costs and projected revenues, it is anticipated that in the next several years, incremental rate increases will be required based on continued growth of stormwater facilities and infrastructure that must be inspected and maintained by the County, the implementation of flood mitigation projects, and additional requirements in the forthcoming Municipal Separate Storm Sewer System (MS4) Permit. On an annual basis, staff will continue to evaluate the program, analyze future requirements, and develop Stormwater operational and capital resource needs.

The FY 2022 levy of \$0.0325 will generate \$87,175,738, supporting \$24,240,283 for staff and operational costs; \$61,810,455 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.

Stormwater Services Operational Support

Stormwater Services operational support includes funding for staff salaries, Fringe Benefits, and Operating Expenses for all stormwater operations. In addition, Fund 40100 includes 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, Unclassified Administrative Expenses, Public Works Programs, and Capital Projects related to transportation located in Fund 30010, General Construction and Contributions, and Fund 30060, Pedestrian Walkway Improvements, as they do not qualify for expenses related to the stormwater service district.

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 monitor 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 function to mitigate significant levels of water pollution and stormwater runoff.

FY 2022 Stormwater Capital Project Support

Regulatory Program

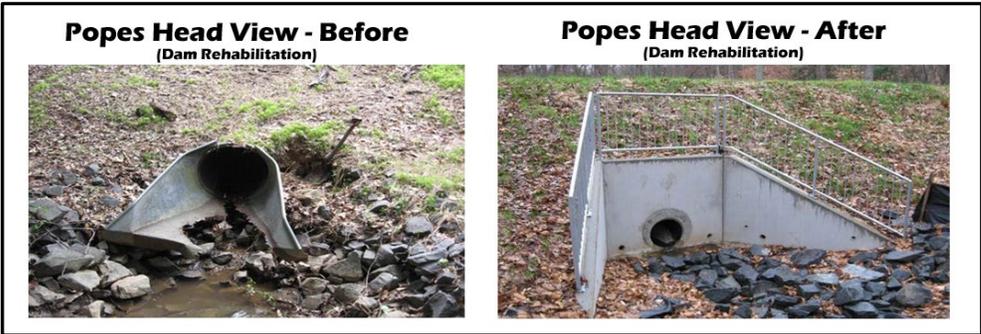
The County is required by federal law to operate under the conditions of a state issued MS4 Permit. Stormwater staff annually evaluates funding required to meet the increasing federal and state regulatory requirements pertaining to the MS4 Permit requirements, and State and Federal mandates associated with controlling water pollution delivered to local streams and the Chesapeake Bay. 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 15,000 outfalls, and 7,000 of these outfalls are regulated outfalls within the stormwater system that are governed by the permit. The current permit was issued to the County in April 2015. The permit requires the County to 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. The permit also requires the County to implement sufficient stormwater projects that will

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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 \$4.0 million is included for the Stormwater Regulatory Program in FY 2022.

Dam Safety and Facility Rehabilitation

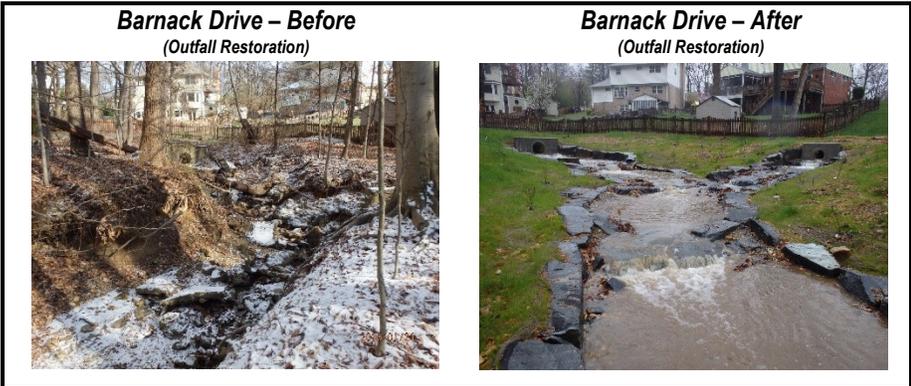
There are currently more than 2,400 stormwater management facilities in service that range in size from small rain gardens to large state regulated flood control dams. The County is responsible for inspecting both County owned and privately-owned facilities and for maintaining County owned facilities. This inventory increases annually and is projected to continually increase as new development and redevelopment sites occur in the County. This program maintains the control structures and dams that control and treat the water flowing through County owned facilities. This



program improves dam safety by supporting annual inspections of 20 state-regulated dams and the Huntington Levee and by developing Emergency Action Plans required by the state. The Emergency Action Plans are updated annually. In addition, these plans include annual emergency drills and exercises, and flood monitoring for each dam. 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 50 projects annually that require design and construction management activities as well as contract management and maintenance responsibilities. Total funding in the amount of \$11.0 million is included for Dam Safety and Facility Rehabilitation in FY 2022, including \$5.0 million for maintenance and \$6.0 million for rehabilitation.

Conveyance System Inspections, Development and Rehabilitation

The County owns and operates approximately 1,500 miles of underground stormwater pipes and improved 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 approximately 5 percent of the pipes exhibit conditions of failure, and an additional 5 percent required

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maintenance or repair. MS4 Permit regulations require inspection and maintenance of these 1,500 miles of existing conveyance systems, 65,000 stormwater structures, and a portion of the immediate downstream channel at the 7,000 regulated pipe outlets. Acceptable industry standards indicate that one dollar reinvested in infrastructure saves seven dollars in the asset's life and 70 dollars if asset failure occurs. Once the initial internal inspections are complete, the goal of this program is to inspect pipes on a 20-year cycle and rehabilitate pipes and improve outfall channels before total failure occurs. Total funding in the amount of \$9.0 million is included for Conveyance System Inspections, Development and Rehabilitation in FY 2022, including \$2.0 million for inspections and development and \$7.0 million for rehabilitation and outfall restoration.

Stream and Water Quality Improvements

This program funds water quality improvement 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 and retrofit of stormwater management ponds, implementation of low impact development techniques on stormwater facilities, stream restoration, and approximately



1,900 water quality projects identified in the completed Countywide Watershed Management Plans. This will aid in the reduction of bacteria, sediment, and Polychlorinated Biphenyl (PCB) entering local streams in order to comply with federal Clean Water Act (CWA) water quality standards. It is estimated that between 70 and 80 percent of the streams in the County are considered to be in fair to very poor condition and likely do not meet CWA water quality standards. In addition, TMDL requirements for local streams and the Chesapeake Bay are the regulatory drivers 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 Chesapeake Bay by 2025. MS4 Permit holders must achieve 35 percent of the required reductions within the current five-year permit cycle and 60 percent of the required reductions in the next five-year permit cycle. In addition, compliance with the Chesapeake Bay TMDL requires that the County undertake construction of new stormwater facilities and retrofit existing facilities and properties. The EPA is currently updating the Chesapeake Bay compliance requirements and it is anticipated that the update will result in changes to both the assigned targets as well as how projects are credited, which will likely impact future compliance estimates. In addition to being required to meet the Chesapeake Bay TMDL targets, the current MS4 Permit requires the County to develop and implement action plans to address local impairments. Most of the 1,900 watershed management plan projects contribute toward achieving the Chesapeake Bay and local stream TMDL requirements. Funding in the amount of \$26.2 million is included for Stream and Water Quality Improvements in FY 2022.

Emergency and Flood Response Projects

This program supports flood control projects for unanticipated flooding events that impact storm systems and structural flooding. The program provides annual funding for scoping, design, and construction activities related to flood mitigation projects. Funding in the amount of \$5.0 million is included for the Emergency and Flood Response Projects in FY 2022.

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 remain part of the County's service district and the County returns 25 percent of the revenue collected from properties within each town. This allows for the Towns to provide services independently such as maintenance and operation of stormwater pipes, manholes, and catch basins. The remaining 75 percent remains with the County and the County takes 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 \$0.9 million is included for the Stormwater Allocations to Towns project in FY 2022.

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 members are elected every four years by the voters of Fairfax County and two members 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 2022 funding of \$0.6 million 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 2022 funding of \$0.2 million is included in Fund 40100 for the County contribution to the OWMP.

Stormwater/Wastewater Facility

This project will provide funding for a Public Works complex to consolidate functions and operations and maximize efficiencies between the Stormwater and Wastewater Divisions. The current Stormwater program operations are conducted from various locations throughout the County, with the majority of staff at the West Drive facility. Current facilities for field maintenance operations and for field/office-based staff are inadequate and outdated for the increased scope of the stormwater program, and inadequate to accommodate future operations. This project is currently in design with construction anticipated to begin in summer 2021. It is anticipated that the facility will be financed

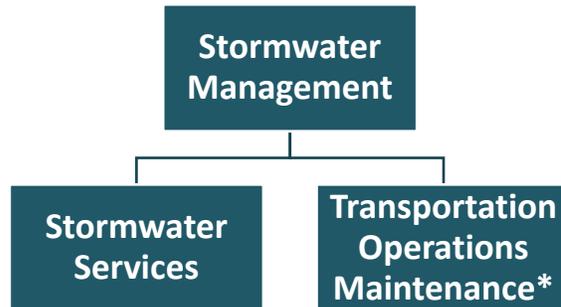
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by EDA bonds with the Stormwater Services Fund and Wastewater Fund supporting the debt service. Funding in the amount of \$5.0 million is included in FY 2022 to support the first year of debt service for the Stormwater/Wastewater Facility.

Pandemic Response and Impact

The Department of Public Works and Environmental Services' mission includes several essential and legally-mandated services for the protection of public health and safety that are executed through field operations. All these essential services have remained operational from the initiation of the COVID-19 pandemic response. These include solid waste collections, transfer, and disposal; stormwater management and facility maintenance; and wastewater collections and treatment. Other parts of the department have continued to work at full capacity through vastly augmented telework schedules while also continuing to carry out their field duties such as construction inspections, stream and dam monitoring, and facility inspections. All of these activities have required considerable innovation, hard work, and adaptation (e.g., additional personal protective equipment, facility cleaning, distancing measures, equipment, and new tools) that have increased resource requirements. Planning and monitoring are ongoing to address the phased public access reopening of the County facilities while sustaining operations under public health measures to reduce the spread and consequences of the COVID-19 pandemic.

Organizational Chart



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

Budget and Staff Resources

Category	FY 2020 Actual	FY 2021 Adopted	FY 2021 Revised	FY 2022 Advertised
FUNDING				
Expenditures:				
Personnel Services	\$19,642,065	\$22,359,404	\$22,359,404	\$22,405,602
Operating Expenses	3,900,111	3,182,636	3,272,149	3,182,636
Capital Equipment	1,044,497	1,354,000	2,214,469	782,000
Capital Projects	61,715,206	59,198,891	230,198,395	61,810,455
Subtotal	\$86,301,879	\$86,094,931	\$258,044,417	\$88,180,693
Less:				
Recovered Costs	(\$1,845,248)	(\$2,129,955)	(\$2,129,955)	(\$2,129,955)
Total Expenditures	\$84,456,631	\$83,964,976	\$255,914,462	\$86,050,738
AUTHORIZED POSITIONS/FULL-TIME EQUIVALENT (FTE)				
Regular	202 / 202	202 / 202	202 / 202	200 / 200

FY 2022 Funding Adjustments

The following funding adjustments from the FY 2021 Adopted Budget Plan are necessary to support the FY 2022 program:

Position Adjustment **\$0**

In order to better support the Department of Public Works and Environmental Services' (DPWES) four core business areas and enhance department-wide initiatives, 2/2.0 FTE positions are transferred from Fund 40100, Stormwater Services, to Agency 25, Business Planning and Support, in FY 2022. These positions will continue to be funded by Fund 40100 through cost distribution in FY 2022. This adjustment is part of the second phase of the IT consolidation in Agency 25. There is no funding impact for Agency 25 and Fund 40100.

Other Post-Employment Benefits **\$46,198**

An increase of \$46,198 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, in Volume 2 of the FY 2022 Advertised Budget Plan.

Capital Equipment **(\$572,000)**

Funding of \$782,000 in Capital Equipment, a decrease of \$572,000 from the FY 2021 Adopted Budget Plan, is included primarily associated with replacement equipment that has outlived its useful life and is critical to stormwater services activities. Replacement equipment includes: \$385,000 to replace a heavy construction class track loader; \$60,000 to replace two mini walk-behind track loaders; \$60,000 to replace a backhoe loader; \$24,000 to replace two equipment trailers to excavate work sites, load trucks with bulk material and move heavy objects to support emergency response projects; \$165,000 to replace a dump truck that supports all maintenance and emergency response programs by transporting large loads such as snow treatment chemicals and other bulk construction materials and support snow removal operations by being outfitted with a snow plow and a chemical spreader; \$65,000 to replace an enclosed water pump that supports flood response requirements in the Belleview and Huntington tidal influenced areas of the County; and \$3,000 to replace a flat bottom Jon boat to access and perform maintenance on riser structures offshore at dam sites. New equipment includes \$20,000 for the purchase of a wireless pole camera to conduct condition assessment inspections at closed storm structures.

Capital Projects **\$2,611,564**

Funding of \$61,810,455 in Capital Projects, an increase of \$2,611,564 from the FY 2021 Adopted Budget Plan, has been included in FY 2022 for priority stormwater capital projects. This funding will also support 5/5.0 FTE new positions that will be created in Agency 26, Office of Capital Facilities, to address growing workload requirements associated with planned Stormwater projects in the CIP.

Changes to FY 2021 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2021 Revised Budget Plan since passage of the FY 2021 Adopted Budget Plan. Included are all adjustments made as part of the FY 2020 Carryover Review, FY 2021 Mid-Year Review, and all other approved changes through December 31, 2020:

Carryover Adjustments **\$172,897,414**

As part of the FY 2020 Carryover Review, the Board of Supervisors approved funding of \$172,897,414 based on the carryover of unexpended project balances in the amount of \$81,637,417 and a net adjustment of \$91,259,997. This adjustment includes the carryover of \$949,982 in operating and capital equipment encumbrances and an increase to capital projects of \$90,310,015.

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The adjustment to capital projects is based on the appropriation of bond funding of \$88,000,000 to support the construction of the new Stormwater/Wastewater facility at Freds Oak, the remaining operational savings of \$1,609,436, miscellaneous revenues received in FY 2020 in the amount of \$169,155, higher than anticipated revenues of \$449,624, an amount of \$81,000 to support the Paul Springs Stream Restoration project at Hollin Hills and revenues of \$800 collected through the land development process that will support tree preservation and planting projects in FY 2021.

Position Detail

The FY 2022 Advertised Budget Plan includes the following positions:

STORMWATER SERVICES – 200 Positions			
Maintenance and Stormwater Management (MSMD) Administration			
1	Director, Maintenance and SW	1	Safety Analyst I
1	HR Generalist II	1	Administrative Assistant IV
1	HR Generalist I	4	Administrative Assistants III
1	Safety Analyst II		
IT – Director’s Office/Stormwater			
0	Network/Telecom. Analysts II (-1T)	0	Information Technology Techs. III (-1T)
1	Network/Telecom. Analyst I		
Finance – Wastewater and Stormwater			
1	Financial Specialist IV	1	Financial Specialist I
1	Financial Specialist II	1	Administrative Assistant III
Contracting Services/Material Support			
1	Material Mgmt. Specialist III	1	Financial Specialist II
2	Contract Analysts I	1	Inventory Manager
Dam Safety and Maintenance Projects/Projects and LID/Inspection and Maintenance			
1	Public Works-Env. Serv. Manager	4	Engineering Technicians III
1	Engineer IV	2	Engineering Technicians II
1	Senior Engineer III	1	Project Manager II
3	Engineers III	2	Project Managers I
1	Ecologist III	1	Assistant Project Manager
1	Ecologist II		
Field Operations			
2	Env. Services Supervisors	11	Motor Equipment Operators
1	Public Works-Env. Serv. Manager	3	Masons
1	Public Works-Env. Bus. Operations Mgr	1	Vehicle Maintenance Coordinator
2	Public Works-Env. Serv. Specialists	5	Engineering Technicians III
4	Senior Maintenance Supervisors	1	Engineering Technician II
8	Maintenance Supervisors	1	Carpenter II
3	Maintenance Crew Chiefs	2	Equipment Repairers
12	Senior Maintenance Workers	1	Welder II
1	Maintenance Worker	1	Welder I
10	Heavy Equipment Operators	1	Trades Supervisor
Stormwater Infrastructure Branch			
1	Public Works-Env. Serv. Manager	2	Engineering Technicians II
3	Engineers IV	2	Engineering Technicians I
4	Engineers III	1	Project Manager I
1	Senior Engineering Inspector		
Transportation Infrastructure Branch			
1	Engineer V	3	Project Managers I
1	Engineer IV	1	Engineering Technician II
1	Project Manager II		

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Stormwater Planning Division			
1	Director, Stormwater Planning	1	Public Works-Env. Serv. Manager
1	Engineer V	1	Emergency Mgmt. Specialist III
4	Engineers IV	1	Planner IV
1	Senior Engineer III	2	Landscape Architects III
8	Engineers III	1	Engineering Technician III
5	Project Managers II	1	Management Analyst II
2	Project Managers I	2	Code Specialists II
4	Ecologists IV	1	Financial Specialist II
5	Ecologists III	1	Financial Specialist I
3	Ecologists II	1	Contract Specialist II
2	Ecologists I	1	Assistant Contract Specialist
3	Project Coordinators	3	Administrative Assistants III
Urban Forestry			
1	Director, Urban Forestry Division	5	Urban Foresters II
1	Urban Forester IV	3	Urban Foresters I
4	Urban Foresters III	1	Administrative Assistant II
T	Denotes Transferred Position(s)		

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 2018, FY 2019, and FY 2020. It is expected that this objective will also be met in FY 2021 and FY 2022. It should be noted that a new five-year MS4 Permit will be obtained in FY 2021. 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 both FY 2021 and FY 2022. 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 2021 and FY 2022.

Indicator	FY 2018 Actual	FY 2019 Actual	FY 2020 Estimate	FY 2020 Actual	FY 2021 Estimate	FY 2022 Estimate
MS4 permit violations received	0	0	0	0	0	0
Percent of Emergency Action Plans current	100%	100%	100%	100%	100%	100%
Percent of commuter facilities available 365 days per year	100%	100%	100%	100%	100%	100%

A complete list of performance measures can be viewed at
<https://www.fairfaxcounty.gov/budget/fy-2022-advertised-performance-measures-pm>

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FUND STATEMENT

Category	FY 2020 Actual	FY 2021 Adopted Budget Plan	FY 2021 Revised Budget Plan	FY 2022 Advertised Budget Plan
Beginning Balance	\$80,801,794	\$0	\$78,402,156	\$6,939
Revenue:				
Stormwater Service District Levy	\$82,403,834	\$85,089,976	\$85,089,976	\$87,175,738
Sale of Bonds ¹	0	0	88,000,000	0
Stormwater Local Assistance Fund (SLAF) Grant ²	608,204	0	5,473,269	0
Tree Preservation/Planting Fund ³	800	0	0	0
Miscellaneous	169,155	0	81,000	0
Total Revenue	\$83,181,993	\$85,089,976	\$178,644,245	\$87,175,738
Total Available	\$163,983,787	\$85,089,976	\$257,046,401	\$87,182,677
Expenditures:				
Personnel Services	\$19,642,065	\$22,359,404	\$22,359,404	\$22,405,602
Operating Expenses	3,900,111	3,182,636	3,272,149	3,182,636
Recovered Costs	(1,845,248)	(2,129,955)	(2,129,955)	(2,129,955)
Capital Equipment	1,044,497	1,354,000	2,214,469	782,000
Capital Projects ⁴	61,715,206	59,198,891	230,198,395	61,810,455
Total Expenditures	\$84,456,631	\$83,964,976	\$255,914,462	\$86,050,738
Transfers Out:				
General Fund (10001) ⁵	\$1,125,000	\$1,125,000	\$1,125,000	\$1,125,000
Total Transfers Out	\$1,125,000	\$1,125,000	\$1,125,000	\$1,125,000
Total Disbursements	\$85,581,631	\$85,089,976	\$257,039,462	\$87,175,738
Ending Balance^{6,7}	\$78,402,156	\$0	\$6,939	\$6,939
Tax Rate Per \$100 of Assessed Value	\$0.0325	\$0.0325	\$0.0325	\$0.0325

¹ In FY 2021, an amount of \$88 million in Economic Development Authority (EDA) Bonds is projected to be issued to support the construction of a Public Works complex to consolidate functions and operations and maximize efficiencies between the Stormwater and Wastewater Divisions.

² Represents previously approved Virginia Department of Environmental Quality (VDEQ) Stormwater Local Assistance Fund (SLAF) grants to support stream and water quality improvement projects. An amount of \$608,204 was received in FY 2020 and an amount of \$5,473,269 is anticipated in FY 2021 and beyond.

³ Reflects revenues collected through the land development process that will support tree preservation and planting projects in FY 2021.

⁴ In order to account for revenues and expenditures in the proper fiscal year, audit adjustments in the amount of \$947,927.82 have been reflected as an increase to FY 2020 Capital Projects. This impacted the amount carried forward and resulted in a decrease of \$947,927.82 to the *FY 2021 Revised Budget Plan*. The projects affected by this adjustment were 2G25-029-000, Towns Grant Contribution, SD-000031, Stream & Water Quality Improvements, SD-000032, Emergency and Flood Response Projects, and SD-000034, Conveyance System Rehabilitation. These audit adjustments were included in the FY 2020 Comprehensive Annual Financial Report (CAFR). Details of the audit adjustment were included in the FY 2021 Mid-Year Package.

⁵ 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.

⁶ 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.

⁷ The *FY 2021 Revised Budget Plan* ending balance of \$6,939 is due to an FY 2020 audit adjustment.

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SUMMARY OF CAPITAL PROJECTS

Project	Total Project Estimate	FY 2020 Actual Expenditures	FY 2021 Revised Budget	FY 2022 Advertised Budget Plan
Conveyance System Inspection/Development (2G25-028-000)	\$11,725,000	\$1,992,220.66	\$4,281,565.82	\$2,000,000
Conveyance System Rehabilitation (SD-000034)	58,034,135	9,539,235.00	10,780,670.39	7,000,000
Dam & Facility Maintenance (2G25-031-000)	24,400,000	5,443,644.80	7,139,304.61	5,000,000
Dam Safety and Facility Rehabilitation (SD-000033)	53,326,104	3,063,014.34	12,816,314.40	6,000,000
Debt Service for SW/WW Facility (2G25-117-000)	5,000,000	0.00	0.00	5,000,000
Emergency and Flood Response Projects (SD-000032)	29,686,091	7,988,317.29	10,889,990.55	5,000,000
Flood Prevention-Huntington Area-2012 (SD-000037)	41,350,000	926,759.61	2,464,274.44	0
Lake Accotink Dredging (SD-000041)	5,000,000	0.00	5,000,000.00	0
Laurel Hill Adaptive Reuse Infrastructure (SD-000038)	1,925,000	587,152.13	8,306.59	0
NVSWCD Contributory (2G25-007-000)	5,920,696	527,730.00	554,811.00	554,811
Occoquan Monitoring Contributory (2G25-008-000)	1,561,543	166,797.00	172,138.00	172,138
Stormwater Allocation to Towns (2G25-027-000)	6,644,829	779,771.84	1,210,554.06	900,000
Stormwater Facility (SD-000039)	96,515,000	1,653,842.89	90,397,861.36	0
Stormwater Proffers (2G25-032-000)	207,858	0.00	207,858.00	0
Stormwater Regulatory Program (2G25-006-000)	60,014,584	2,420,258.55	6,009,704.34	4,000,000
Stream & Water Quality Improvements (SD-000031)	232,531,645	25,415,222.54	77,124,089.27	26,183,506
Towns Grant Contribution (2G25-029-000)	4,805,976	1,188,006.00	1,083,131.18	0
Tree Preservation and Plantings (2G25-030-000)	105,316	23,233.84	57,821.23	0
Total	\$638,753,777	\$61,715,206.49	\$230,198,395.24	\$61,810,455