

# 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 stormwater 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.

A 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 the growth in inventory and 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 rate to fully support the program. Staff continues to evaluate these requirements, as well as the staffing to support them, and analyze 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 which will 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. Estimates for the cost of dredging including sediment disposal are still under review. 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 2023 rate will remain the same as the FY 2022 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 2023 levy of \$0.0325 will generate \$94,393,055, supporting \$27,113,315 for staff and operational costs; \$65,879,740 for capital project implementation including, infrastructure reinvestment, regulatory requirements, dam safety, emergency and flood response and contributory funding requirements; and \$1,400,000 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

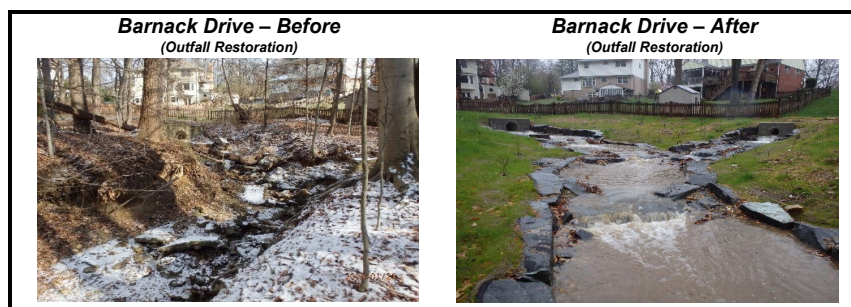
Stormwater Services operational support includes funding for staff salaries, Fringe Benefits, and Operating Expenses for all stormwater operations. In addition, Fund 40100 includes positions related to transportation operations maintenance provided by the Maintenance and Stormwater Management Division. Beginning in FY 2023, all funding for the transportation related salary expenses and equipment previously supported by Agency 87, Unclassified Administrative Expenses - Public Works Programs will be supported by capital projects in Fund 30010, General Construction and Contributions, as they do not qualify for expenses related to the stormwater service district. The transfer of funding to Fund 30010, General Construction and Contributions, will provide more transparency and the carryforward of balances at year-end.

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 2023 Stormwater Capital Project Support

#### *Conveyance System Inspections, Development and Rehabilitation*

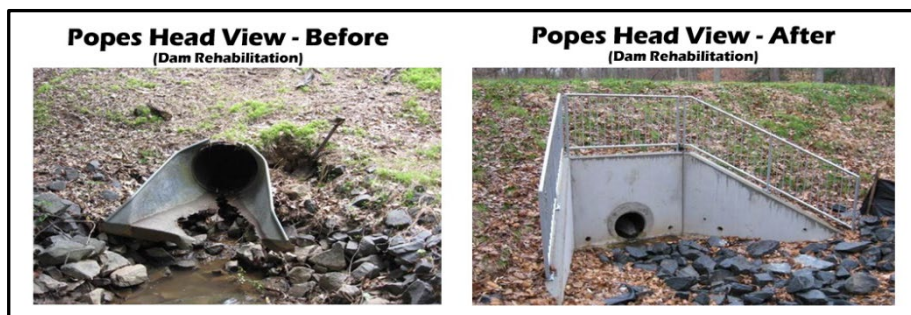
The County owns and operates approximately 1,500 miles of underground stormwater pipes and improved channels with an estimated replacement value of over one billion dollars. The County



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 maintenance or repair. MS4 Permit regulations require inspection and maintenance of these 1,500 miles of existing conveyance systems, 69,000 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 2023, including \$2.0 million for inspections and development and \$7.0 million for rehabilitation and outfall restoration.

### *Dam Safety and Facility Rehabilitation*

There are approximately 7,900 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 approximately 5,500 privately-owned facilities and maintaining over 2,400 County owned facilities. This inventory increases annually and is projected to continually increase as new development and redevelopment sites occur in the County. 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. This program maintains the structures and dams that control and treat the water flowing through County maintained 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. Total funding in the amount of \$15.0 million is included in FY 2023, including \$5.0 million for maintenance and \$10.0 million for rehabilitation.

### *Stormwater/Wastewater Facility*

This project will provide funding for a Stormwater/Wastewater Facility which will consolidate functions and operations and maximize efficiencies between the Stormwater and Wastewater Divisions. Currently, Stormwater operations are conducted from various locations throughout the County, with the majority of staff located at the West Drive facility. 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 early 2022. The facility is financed by EDA bonds with the Stormwater Services Fund and Wastewater Fund supporting the debt service. Funding in the amount of \$4.2 million is included in FY 2023 to support the second year of debt service for the Stormwater/Wastewater Facility.

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### *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 \$7.0 million is included for the Emergency and Flood Response Projects in FY 2023.

### *Enterprise Asset Management-Work Order System*

This project will provide funding for the transition from an Enterprise Asset Management (EAM) system to a more functional Asset Management Program (AMP). This funding will support the acquisition of software, servers and consultant services to migrate asset management and related work order management into the new system. The current system tracks assets, inspections, daily work management and associated contractor costs. Features of the replacement system include geographic information system (GIS) integration and field mobility. The Department of Public Works and Environmental Services (DPWES) Information Technology staff have collaborated with the Stormwater Management and the Wastewater Management staff to promote interagency capabilities, optimize performance, and improve system lifecycle management for the new system. This new system will meet the future expectations for both divisions and optimize service delivery for DPWES. Funding in the amount of \$1.4 million is included in Capital Projects and an amount of \$800,000 is included in Operating Expenses for this project in FY 2023.

### *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 goals established by the Board of Supervisors. 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 2023 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 2023 funding of \$0.2 million is included in Fund 40100 for the County contribution to the OWMP.

### *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

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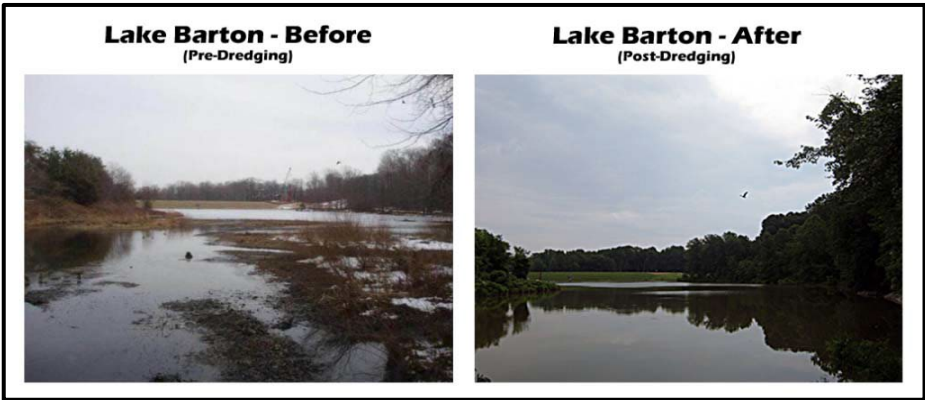
maintenance and operation of stormwater pipes, manholes, and catch basins. The remaining 75 percent remains with the County and the County takes on the responsibility for the Towns' Chesapeake Bay Total Maximum Daily Load (TMDL) requirements as well as other TMDL and MS4 requirements. This provides for an approach that is based on watersheds rather than on jurisdictional lines. Funding in the amount of \$1.0 million is included for the Stormwater Allocations to Towns project in FY 2023.

### *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, 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 governed by the permit. The current permit was issued to the County in April 2015 and expired in April 2020. The County is operating under an administrative continuance until a new permit is issued. 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 appropriate County employees. The permit requires the County to implement sufficient stormwater projects that will reduce the nutrients and sediment to comply with the Chesapeake Bay and local stream TMDL requirements. Funding in the amount of \$4.0 million is included for the Stormwater Regulatory Program in FY 2023.

### *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 green stormwater infrastructure facilities, stream restoration, and water quality projects identified in the completed Countywide Watershed Management Plans. These projects will aid in the reduction of

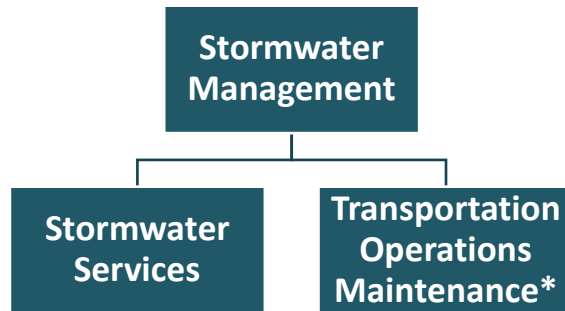


pollutants and improve water quality in county streams that are considered to be in fair to very poor condition and likely do not meet CWA water quality standards. In addition, Total Maximum Daily Load (TMDL) requirements for local streams and the Chesapeake Bay are the regulatory drivers by which pollutants entering impaired water bodies must be 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 in waters that drain 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

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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 continually updates the Chesapeake Bay compliance targets and credits. It is anticipated that the changes to the assigned targets as well as how projects are credited will likely impact future compliance requirements. 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 \$23.5 million is included for Stream and Water Quality Improvements in FY 2023.

### Organizational Chart



\*Denotes functions that are included in both Fund 30010, General Construction and Contributions, and Fund 40100, Stormwater Services.

### Budget and Staff Resources

Category	FY 2021 Actual	FY 2022 Adopted	FY 2022 Revised	FY 2023 Advertised	FY 2023 Adopted
<b>FUNDING</b>					
<b>Expenditures:</b>					
Personnel Services	\$20,448,442	\$22,615,643	\$22,813,269	\$24,580,634	\$24,580,634
Operating Expenses	3,919,893	3,182,636	3,389,603	4,010,636	4,010,636
Capital Equipment	1,077,511	782,000	1,887,143	652,000	652,000
Capital Projects	50,984,399	61,600,414	247,012,718	65,879,740	65,879,740
<b>Subtotal</b>	<b>\$76,430,245</b>	<b>\$88,180,693</b>	<b>\$275,102,733</b>	<b>\$95,123,010</b>	<b>\$95,123,010</b>
Less:					
Recovered Costs	(\$1,832,157)	(\$2,129,955)	(\$2,129,955)	(\$2,129,955)	(\$2,129,955)
<b>Total Expenditures</b>	<b>\$74,598,088</b>	<b>\$86,050,738</b>	<b>\$272,972,778</b>	<b>\$92,993,055</b>	<b>\$92,993,055</b>
<b>AUTHORIZED POSITIONS/FULL-TIME EQUIVALENT (FTE)</b>					
Regular	202 / 202	200 / 200	200 / 200	208 / 208	208 / 208

### FY 2023 Funding Adjustments

*The following funding adjustments from the FY 2022 Adopted Budget Plan are necessary to support the FY 2023 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 May 10, 2022.*

#### **Employee Compensation** **\$1,214,199**

An increase of \$ 1,214,199 in Personnel Services includes \$850,684 for a 4.01 percent market rate adjustment (MRA) for all employees and \$363,515 for performance-based and longevity increases for non-uniformed merit employees, both effective July 2022.

#### **Other Post-Employment Benefits** **(\$106,403)**

A decrease of \$106,403 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 2023 Adopted Budget Plan.

#### **New Positions** **\$885,195**

An increase of \$885,195 including Personnel Services of \$857,195 and Operating Expenses of \$28,000 is necessary to fund requirements associated with 8/8.0 FTE new positions, including 1/1.0 Engineering Technician III, 1/1.0 FTE Planner III, 1/1.0 FTE Project Manager I, 1/1.0 FTE Senior Engineering Inspector, 1/1.0 FTE Senior Engineer III, and 3/3.0 FTE Senior Maintenance Workers. The Engineering Technician III position will support address the increased workload of permit required pond inspections and maintenance. The Planner III position will review and provide needed stormwater expertise, advanced technical analysis, support and recommendations on planning and development efforts during planning, pre-zoning and rezoning processes. The Project Manager I position will support the Tree Preservation and Planting Program and manage projects that support the tree planting goals of Virginia's Final Phase III Watershed Implementation Plan. The projects will be geared towards increasing tree canopy through street and landscape tree plantings, afforestation and reforestation, and assisting with outreach and education programs. The Senior Engineering Inspector position will be responsible for reviewing erosion and sediment control plans, reviewing project designs, understanding job specifications, inspecting County stormwater infrastructure, updating work orders and keeping a daily log of work performed on construction sites. The Senior Engineer III position will initiate flood mitigation projects, coordinate with property owners to address their flooding concerns, and execute flood mitigation project design and implementation services. The three Senior Maintenance Worker positions will form an additional crew that will be deployed into the field to perform maintenance on the storm drainage system throughout the County.

#### **Asset Management Program** **\$800,000**

An increase of \$800,000 in Operating Expenses will support a new Asset Management Program (AMP). Funding will support the acquisition of software, servers, and consultant services to migrate asset management and related work order management into the new system. This new system will meet the future expectations for both Stormwater and Wastewater divisions and optimize service delivery for the Department of Public Works and Environmental Services.

#### **Capital Equipment** **(\$130,000)**

Funding of \$652,000 in Capital Equipment, a decrease of \$130,000 from the FY 2022 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: \$390,000 to replace two dump trucks that support all maintenance and emergency response programs and \$40,000 to replace three equipment trailers that support all maintenance and emergency response programs in transporting construction materials, light duty and snow removal equipment. New

equipment includes \$222,000 for the purchase of three new pickup trucks and one new utility truck to support the new positions in FY 2023.

**Capital Projects** **\$4,279,326**  
 Funding of \$65,879,740 in Capital Projects, an increase of \$4,279,326 from the FY 2022 Adopted Budget Plan, has been included in FY 2023 for priority stormwater capital projects.

**Changes to  
 FY 2022  
 Adopted  
 Budget Plan**

*The following funding adjustments reflect all approved changes in the FY 2022 Revised Budget Plan since passage of the FY 2022 Adopted Budget Plan. Included are all adjustments made as part of the FY 2021 Carryover Review, FY 2022 Mid-Year Review, FY 2022 Third Quarter Review, and all other approved changes through April 30, 2022.*

**Carryover Adjustments** **\$182,312,873**  
 As part of the *FY 2021 Carryover Review*, the Board of Supervisors approved funding of \$182,312,873 based on the carryover of unexpended project balances in the amount of \$179,413,809 and a net adjustment of \$2,899,064. This adjustment includes the carryover of \$1,312,110 in operating and capital equipment encumbrances, an increase of \$197,626 to Personnel Services to support a one-time compensation adjustment of \$1,000 for merit employees and \$500 for non-merit employees to be paid no later than November 2021, and an increase to capital projects of \$1,389,328. The adjustment to capital projects is based on the appropriation of the remaining operational savings of \$783,662, higher than anticipated revenues of \$304,634, revenues of \$203,600 collected through the land development process that will support tree preservation and planting projects in FY 2022, revenues of \$44,841 associated with dam and facility maintenance projects, miscellaneous revenues in the amount of \$45,652, and the appropriation of \$6,939 from the ending balance that was due to an FY 2021 audit adjustment.

**Mid-Year Adjustments** **(\$1,555)**  
 As part of the *FY 2022 Mid-Year Review*, the Board of Supervisors approved a decrease of \$1,555 due to an FY 2021 audit adjustment.

**Third Quarter Adjustments** **\$5,000,000**  
 As part of the *FY 2022 Third Quarter Review*, the Board of Supervisors approved an increase of \$5,000,000 to fully appropriate the available bond funding to support the construction of the new Stormwater/Wastewater Facility.

**Position Detail**

*The FY 2023 Adopted Budget Plan includes the following positions:*

<b>STORMWATER SERVICES – 208 Positions</b>			
<b>MSMD Administration (10 positions)</b>			
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		
<b>IT – Director’s Office/Stormwater (1 position)</b>			
1	Network/Telecom. Analyst I		
<b>Finance – Wastewater and Stormwater (4 positions)</b>			
1	Financial Specialist IV	1	Financial Specialist I
1	Financial Specialist II	1	Administrative Assistant III



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<b>Contracting Services/Material Support (5 positions)</b>			
1	Material Mgmt. Specialist III	1	Financial Specialist II
2	Contract Analysts I	1	Inventory Manager
<b>Dam Safety and Maintenance Projects/Projects and LID/Inspection and Maintenance (19 positions)</b>			
1	Public Works-Env. Serv. Manager	5	Engineering Technicians III [+1]
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		
<b>Field Operations (74 positions)</b>			
2	Env. Services Supervisors	3	Masons
1	Public Works-Env. Serv. Manager	1	Vehicle Maintenance Coordinator
2	Public Works-Env. Bus. Operations	5	Engineering Technicians III
2	Public Works-Env. Serv. Specialists	2	Engineering Technicians II
8	Senior Maintenance Supervisors	1	Carpenter II
5	Maintenance Supervisors	2	Equipment Repairers
2	Maintenance Crew Chiefs	1	Welder II
15	Senior Maintenance Workers [+3]	1	Welder I
10	Heavy Equipment Operators	1	Trades Supervisor
10	Motor Equipment Operators		
<b>Stormwater Infrastructure Branch (16 positions)</b>			
1	Public Works-Env. Serv. Manager	1	Senior Engineering Inspector [+1]
3	Engineers IV	2	Engineering Technicians II
2	Senior Engineers III [+1]	2	Engineering Technicians I
4	Engineers III	1	Project Manager I
<b>Transportation Infrastructure Branch (7 positions)</b>			
1	Engineer V	3	Project Managers I
1	Engineer IV	1	Engineering Technician II
1	Project Manager II		
<b>Stormwater Planning Division (56 positions)</b>			
1	Director, Stormwater Planning	1	Emergency Mgmt. Specialist III
1	Engineer V	1	Planner IV
4	Engineers IV	1	Planner III [+1]
1	Senior Engineer III	2	Landscape Architects III
9	Engineers III	1	Engineering Technician III
4	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
1	Public Works-Env. Serv. Manager		
<b>Urban Forestry (16 positions)</b>			
1	Director, Urban Forestry Division	3	Urban Foresters I
1	Urban Forester IV	1	Project Manager I [+1]
4	Urban Foresters III	1	Administrative Assistant II
5	Urban Foresters II		
+	Denotes New 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 2019, FY 2020, and FY 2021. It is expected that this objective will also be met in FY 2022 and FY 2023. The objective to update 100 percent of the Stormwater emergency action plans was met in prior years. It is expected that this trend will continue in both FY 2022 and FY 2023. 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 2022 and FY 2023.

Indicator	FY 2019 Actual	FY 2020 Actual	FY 2021 Estimate	FY 2021 Actual	FY 2022 Estimate	FY 2023 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-2023-adopted-performance-measures-pm>

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## FUND STATEMENT

Category	FY 2021 Actual	FY 2022 Adopted Budget Plan	FY 2022 Revised Budget Plan	FY 2023 Advertised Budget Plan	FY 2023 Adopted Budget Plan
<b>Beginning Balance</b>	<b>\$78,402,156</b>	<b>\$6,939</b>	<b>\$90,244,247</b>	<b>\$0</b>	<b>\$0</b>
<b>Revenue:</b>					
Stormwater Service District Levy	\$85,394,610	\$87,175,738	\$87,175,738	\$94,393,055	\$94,393,055
Sale of Bonds <sup>1</sup>	0	0	93,000,000	0	0
Stormwater Local Assistance Fund (SLAF) Grant <sup>2</sup>	1,876,476	0	3,596,793	0	0
Tree Preservation/Planting Fund <sup>3</sup>	203,600	0	0	0	0
Miscellaneous	90,493	0	81,000	0	0
<b>Total Revenue</b>	<b>\$87,565,179</b>	<b>\$87,175,738</b>	<b>\$183,853,531</b>	<b>\$94,393,055</b>	<b>\$94,393,055</b>
<b>Total Available</b>	<b>\$165,967,335</b>	<b>\$87,182,677</b>	<b>\$274,097,778</b>	<b>\$94,393,055</b>	<b>\$94,393,055</b>
<b>Expenditures:</b>					
Personnel Services <sup>4</sup>	\$20,448,442	\$22,615,643	\$22,813,269	\$24,580,634	\$24,580,634
Operating Expenses	3,919,893	3,182,636	3,389,603	4,010,636	4,010,636
Recovered Costs	(1,832,157)	(2,129,955)	(2,129,955)	(2,129,955)	(2,129,955)
Capital Equipment	1,077,511	782,000	1,887,143	652,000	652,000
Capital Projects <sup>4</sup>	50,984,399	61,600,414	247,012,718	65,879,740	65,879,740
<b>Total Expenditures</b>	<b>\$74,598,088</b>	<b>\$86,050,738</b>	<b>\$272,972,778</b>	<b>\$92,993,055</b>	<b>\$92,993,055</b>
<b>Transfers Out:</b>					
General Fund (10001) <sup>5</sup>	\$1,125,000	\$1,125,000	\$1,125,000	\$1,400,000	\$1,400,000
<b>Total Transfers Out</b>	<b>\$1,125,000</b>	<b>\$1,125,000</b>	<b>\$1,125,000</b>	<b>\$1,400,000</b>	<b>\$1,400,000</b>
<b>Total Disbursements</b>	<b>\$75,723,088</b>	<b>\$87,175,738</b>	<b>\$274,097,778</b>	<b>\$94,393,055</b>	<b>\$94,393,055</b>
<b>Ending Balance<sup>6,7</sup></b>	<b>\$90,244,247</b>	<b>\$6,939</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Tax Rate Per \$100 of Assessed Value</b>	<b>\$0.0325</b>	<b>\$0.0325</b>	<b>\$0.0325</b>	<b>\$0.0325</b>	<b>\$0.0325</b>

<sup>1</sup> In FY 2022, Economic Development Authority (EDA) Bonds were issued to support the construction of a Stormwater/Wastewater Facility to consolidate functions and operations and maximize efficiencies between the Stormwater and Wastewater Divisions. As part of the *FY 2022 Third Quarter Review*, the EDA Bonds appropriation was increased to fully appropriate the available bond funding to support the construction of the new facility.

<sup>2</sup> 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 \$1,876,476 was received in FY 2021 and an amount of \$3,596,793 is anticipated in FY 2022 and beyond.

<sup>3</sup> Reflects revenues collected through the land development process that will support tree preservation and planting projects in FY 2022.

<sup>4</sup> In order to account for revenues and expenditures in the proper fiscal year, audit adjustments were reflected as an increase of \$1,555.35 to FY 2021 Personnel Services expenditures to record expenditure accruals and an increase of \$389,278.17 to FY 2021 Capital Projects expenditures to record expenditure accruals. This impacted the amount carried forward resulting in a decrease of \$389,278.17 to the *FY 2022 Revised Budget Plan*. The projects affected by this adjustment were 2G25-006-000, Stormwater Regulatory Program, SD-000031, Stream & Water Quality Improvements, and SD-000033, Dam Safety and Facility Rehabilitation. The Annual Comprehensive Financial Report (ACFR) reflects all audit adjustments in FY 2021. Details of the audit adjustments were found in Attachment VI of the *FY 2022 Mid-Year Review*.

<sup>5</sup> Funding in the amount of \$1,400,000 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.

<sup>6</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 40100: Stormwater Services

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<sup>7</sup> The FY 2022 Adopted Budget Plan ending balance of \$6,939 was due to an adjustment made to FY 2020 and was appropriated as part of the *FY 2021 Carryover Review*.

## Fund 40100: Stormwater Services

### SUMMARY OF CAPITAL PROJECTS

Project	Total Project Estimate	FY 2021 Actual Expenditures	FY 2022 Revised Budget	FY 2023 Advertised Budget Plan	FY 2023 Adopted Budget Plan
Conveyance System Inspection/Development (2G25-028-000)	\$13,725,000	\$1,547,185.84	\$4,734,379.98	\$2,000,000	\$2,000,000
Conveyance System Rehabilitation (SD-000034)	65,034,135	6,858,021.91	10,922,648.48	7,000,000	7,000,000
Dam & Facility Maintenance (2G25-031-000)	30,194,841	5,511,833.19	7,422,312.42	5,000,000	5,000,000
Dam Safety and Facility Rehabilitation (SD-000033)	62,576,104	5,838,539.60	12,227,774.80	10,000,000	10,000,000
Debt Service for SW/WW Facility (2G25-117-000)	9,179,000	0.00	5,000,000.00	4,179,000	4,179,000
Emergency and Flood Response Projects (SD-000032)	36,686,091	1,432,074.25	14,457,916.30	7,000,000	7,000,000
Enterprise Asset Management-Work Order System (SD-000044)	2,400,000	0.00	1,000,000.00	1,400,000	1,400,000
Flood Prevention-Huntington Area-2012 (SD-000037)	41,750,000	204,250.20	2,660,024.24	0	0
Lake Accotink Dredging (SD-000041)	5,000,000	576,187.62	4,423,812.38	0	0
Laurel Hill Adaptive Reuse Infrastructure (SD-000038)	1,925,000	8,306.59	0.00	0	0
NVSWCD Contributory (2G25-007-000)	6,530,042	554,811.00	554,811.00	609,346	609,346
Occoquan Monitoring Contributory (2G25-008-000)	1,750,641	172,138.00	177,799.00	183,437	183,437
Scotts Run Stream Restoration (SD-000043)	151,358	151,357.99	0.00	0	0
Stormwater Allocation to Towns (2G25-027-000)	7,244,829	816,434.14	894,119.92	1,000,000	1,000,000
Stormwater Civil Penalties Fees (2G25-119-000)	185,750	0.00	185,750.00	0	0
Stormwater Facility (SD-000039)	101,515,000	1,985,385.95	93,412,475.41	0	0
Stormwater Proffers (2G25-032-000)	56,500	0.00	56,500.01	0	0
Stormwater Regulatory Program (2G25-006-000)	64,014,584	2,588,925.98	7,420,778.36	4,000,000	4,000,000
Stream & Water Quality Improvements (SD-000031)	255,588,016	22,533,970.99	80,322,038.93	23,507,957	23,507,957
Towns Grant Contribution (2G25-029-000)	4,805,976	176,548.01	906,583.17	0	0
Tree Preservation and Plantings (2G25-030-000)	308,916	28,427.87	232,993.36	0	0
<b>Total</b>	<b>\$710,621,783</b>	<b>\$50,984,399.13</b>	<b>\$247,012,717.76</b>	<b>\$65,879,740</b>	<b>\$65,879,740</b>