

Department of the Environment (DOE) - Fiscal Year 2023 Budget Review Summary

Proposed FY 2023 Operating Budget

Category	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	%Change - Est vs App	FY 2023 Proposed	\$ Change	%Change
Solid Waste Fund*	\$ 95,656,089	\$ 107,453,200	108,375,300	0.9%	\$ 126,355,800	\$ 18,902,600	17.6%
Stormwater Fund	45,368,612	71,522,100	51,208,300	-28.4%	74,868,300	3,346,200	4.7%
Local Watershed Protection and Restoration Fund (Water Quality)	12,625,739	21,215,600	14,877,000	-29.9%	20,608,400	(607,200)	-2.9%
General Fund	4,238,628	5,334,000	4,836,500	-9.3%	6,712,700	1,378,700	25.8%
Grants**	2,627,132	444,300	444,300	0.0%	61,200	(383,100)	-86.2%
TOTAL	\$ 161,516,200	\$ 205,969,200	\$ 179,741,400	-12.7%	\$ 228,606,400	\$ 22,637,200	11.0%

* Adjusted Amount Agrees to Proposed FY 2023 Budget p. 436 **Excludes County Contributions/Cash Match Funds

Authorized Staffing Count - All Classifications/All Funds

	FY 2022 Approved	FY 2023 Proposed	Change Amount	Percentage Change
Solid Waste	145	145	0	0.0%
Stormwater	61	61	0	0.0%
Water Quality	10	10	0	0.0%
General Fund: FTE	114	115	1	0.9%
Total	330	331	1	0.3%

*DOE does not fund grant positions.

FY 2023 Proposed Budget – Operating – Key Highlights

Solid Waste Management Fund

- Increased Compensation & Fringe: \$672,900 and ~\$1.7 million respectively.
- Increased Operating Cost: ~ \$15.3 million, primarily due to the Transfer Out of funds to the CIP to support various Brown Station Road projects and increases in Operating, General and Administrative Contracts, and increases in Office and Operating Equipment (Non-capital).
- Increased Revenues: ~ \$6.4 million, due to increases in the sale of recyclables and landfill tipping fees.
- Increased Capital Outlay: \$1.45 million for replacement of operational equipment to support landfill operations.
- Increase Cost Recoveries: \$238,700, due to recoverable costs for the closed Sandy Hill Landfill.
- Authorized positions: remain unchanged at 145 Full-time Employees (FTEs) with funding for 139 FTEs.
- Vacancies (As of 3/4/22): 31 full-time positions.

Key Program Highlights:

- Increase in Operating Contracts proposed (~ \$43.8 million), a \$7.2 million increase from the Approved FY 2022 levels, to pay for increases in the rate (est. \$21/household) being paid to the contracted haulers for “curbside trash, recycling, and yard waste collection” services. The new hauler rate is currently still being negotiated, the second approved option year begins on May 1, 2022, and haulers are entitled to a CPI-W increase per the contract.
- The County exercised a clause in the current hauler contract which would require the haulers to collect bulky trash items beginning in February 2022 and eligible residents can put out 2 items per week. The haulers were allowed a \$11/ton rebate for each truck to cover bulky trash through May 1, 2022.
- Traditional 2-day trash collection reinstatement is still under consideration. It is being weighed against the new strategy of "clearing the curb", which may result in a more environmental and customer benefit solution than the

traditional 2-day approach, and it is still being studied. Proposed FY 2023 funding of \$1 million is being proposed to include Education and Outreach related to COVID tonnage increase and twice a week service delivery.

- Due to additional waste generated at the curb, the Scale House upgrade and lot relocation projects are being fast tracked in FY 2023, with a cost of approximately \$6 million.
 - Relocation of the Brown Station convenience lot across the street to the current convenience center location, to make access for residents easier.
 - Access road and Scale House improvements to shorten the wait to access the landfill for commercial haulers and residents, thus reducing idling time and hauler costs.
- Decrease in Interagency Charges (~\$9.8 million) due to a proposal to eliminate recoveries from the Solid Waste Management fund by DPIE (\$9.983 million) and other Agencies/DOE Divisions (\$169,000).
- Awarded a Federal Community Fund Grant to assist with its efforts to secure camera's and conduct remote monitoring of illegal dumping hotspots; once appropriated, will be moving forward with procurement.
- Available fund balance was only ~\$15.8 million at the end of FY 2021, the Proposed FY 2023 Budget includes the use of ~\$14.8 million, or 94%, of the currently available fund balance, to cover anticipated expenditures. If this trend continues, the Solid Waste Management Fund will no longer be self-sustaining within the next few years.

Stormwater Management Fund

- Increased Compensation and Fringe: \$156,500 and \$880,700 respectively.
- Decreased Operating Cost: ~\$1.4 million, primarily due to elimination of one-time transfer to the CIP.
- Decreased Cost Recoveries: 100% due to the elimination of recoveries from the CIP.
- Authorized positions remain unchanged at 61 FTEs and are all fully funded.
- Vacancies (As of 3/4/22): 12 full-time positions.

Key Program Highlights:

- Water quality improvements in response to regulatory compliance for the County's NPDES/MS4 Permit and flood control projects implementation continues to drive programs and operations.
- County has been in Administrative Extension since the permit expired in January 2019 and signed a consent decree with Maryland Department of the Environment (MDE) on May 14, 2021, to satisfy noted conditions of non-compliance. Conditions of the consent order are to be satisfied by December 2024 to include the completion of 6,105 impervious surface acres, as well as other mandated and/or critical performance metrics.
- As of June 30, 2021, the County has 68% of the targeted acres required in the current permit term.
- MDE issued a tentative determination on the County's next (fifth) generation NPDES/MS4 permit on December 15, 2021, with a final determination anticipated by year end of 2022.
- The new permit imposes additional compliance and performance metrics for multiple agencies above and beyond the existing permit conditions which will impact County operations and resources.

Local Watershed Protection & Restoration Fund (Water Quality)

- Increased Compensation and Fringe: \$111,700 and \$76,700 respectively.
- Decreased Operating Cost: \$795,600, primarily due to the projected reduction in debt service costs to align with current requirements.
- Authorized positions remain unchanged at 10 fully funded FTEs.
- Vacancies (As of 3/4/22): 3 FTEs.

Key Program Highlights:

- Funding is provided for the County's retrofit rebate program, the Clean Water Partnership master maintenance agreement as well as the Social and Economic Development Program costs.

General Fund

- Increased Compensation and Fringe: \$505,600 (includes the addition of one (1) new Deputy Director position) and \$465,400 respectively.
- Increased Operating Cost: \$151,100 due to increases in OIT technology cost allocation.
- Increase Cost Recoveries: \$256,600, to reflect the removal of the Animal Services Division recoveries from the Stormwater Management fund.
- Authorized positions: 115 FTE positions with funding for 113 positions.
- Vacancies (As of 3/4/22): 25 full-time positions.

Key Program Highlights:

- The majority of the Agency's General Funding is dedicated to the Animal Services Division (ASD) kennel and adoption operations.
- One of the major program successes was instituting the adoptions and redemptions appointment system. This new system has allowed the Division to better utilize remaining staff, which has led to an increase in the placement of animals via adoptions, rescue organizations and redemptions.
- Partnered with Arlington Animal Welfare League, which allows ASD to refer owners of illegal Pit Bulls in the County to them, and they will take ownership and place the pet.
- Maintains wish-lists on the County website and on Amazon for donations.

Grant Funds

- Decreased Operating Cost: \$783,100.
- Authorized positions: The Department does not fund grant positions

Key Program Highlights:

- The Department has several capital grant appropriations located in the capital budget.
- Success with the Spay Today grant program allows the general public to get their pets spayed and neutered for free.
- Partnered with Best Friends, who are offering assistance in the kennels and has provided the County a grant for spay and neutering of feral cats, and equipment.
- American Rescue Plan Act of 2021 (ARPA) funding: FY 2022 budgeted amount of \$15.8 million with projected FY 2022 spending of ~\$1.234 million to cover Hazard/Premium Pay and Stormwater Plan-Flooding Study.

Proposed FY 2023-FY 2028 Capital Improvement Program (CIP) - Key Highlights

	Expended thru FY22	Proposed FY23 Capital Budget	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total Proposed CIP Funding
6 DOE Projects	\$ 36,850,000	\$ 18,036,000	\$ 19,275,000	\$ 7,689,000	\$ 3,360,000	\$ 4,203,000	\$ 3,201,000	\$ 288,990,000
13 Stormwater Management District Projects	\$ 148,110,000	\$ 149,753,000	\$ 124,790,000	\$ 59,461,000	\$ 71,078,000	\$ 64,161,000	\$ 33,781,000	\$ 1,085,157,000

Environment Projects

- Funded by: GO Bonds, Revenue Bonds, Other.
- Key Projects: Brown Station Landfill Construction; Materials Recycling Facility, Organics Composting Facility, Sandy Hill Sanitary Landfill, North County Animal Shelter, Resource Recovery Park.
- Project Schedule Delayed: Brown Station Landfill Construction; Organics Composting Facility, Sandy Hill Sanitary Landfill, North County Animal Shelter

Environment FY 2023-2028 Program Highlights:

- Organics Composting Facility's - supports the completion of the reconstruction of a stormwater management pond and the purchase of organic carts to support the food scrap composting program.
- Brown Station Landfill - continue the design of the Landfill Area C in-fill project and for obtaining associated permits, completing the landfill gas pipeline between Brown Station Road Sanitary Landfill and the Department of Corrections, the construction of the Leachate Pre-Treatment Plant.
- Sandy Hill Sanitary Landfill - support slope and perimeter cap repairs, groundwater management and design needs for post-closure care.
- Materials Recycling Facility – completion of various projects, including floor concrete and pavement work.

Stormwater Management District Projects and FY 2023-2028 Program Highlights:

- Funded by: Storm Water Bonds, Federal, State, Other
- Key Projects: Bear Branch Sub-Watershed (delayed), COE County Restoration, Clean Water Partnership NPDES/MS4, Emergency Response Program, Endangered Structure Acquisition Program, Flood Protection and Drainage Improvement, MS4/NPDES Compliance & Restoration, *Major Reconstruction Program (DPW&T), Participation Program, Stormwater Contingency Fund, *Stormwater Management Restoration,(DPW&T), *Stormwater Structure Restoration & Construction (DPW&T)
- Continues to implement federal and state mandates to address various storm water quality improvements including impervious area and stream restoration.
- Continued implementation of the Clean Water Partnership (Public Private Partnership) to assist with meeting the federal and state mandates.
- Increases in total project cost (11 projects), decreases (1project), delayed (1 project)
- See Stormwater Management and Water Quality Sections of the attached report for details.
- While Delegated Procurement authority exists for SMD, due to the low ceiling limitations of \$25,000 award, this is not an effective procurement vehicle for SMD's large construction projects.



THE PRINCE GEORGE'S COUNTY GOVERNMENT

Office of Audits and Investigations

April 28, 2022

MEMORANDUM

TO: Rodney C. Streeter, Chair
Transportation, Infrastructure, Energy and Environment (TIEE) Committee

THRU: Turkessa M. Green, County Auditor 

FROM: Sylvia S. Singleton, Audit Manager 

RE: Department of the Environment (DOE)
Fiscal Year 2023 Budget Review and Capital Improvement Program (FY 2023 - 2028)

Budget Overview

The FY 2023 Proposed Budget for the Department of the Environment (DOE or the "Department") is approximately \$228.6 million, an increase of approximately \$22.6 million, or 11.0%, over the FY 2022 Approved Budget, and is comprised of approximately \$221.8 million, or 97.0%, from Enterprise Funds, approximately \$6.7 million, or 2.9%, from General Funds, and \$61,200, or 0.0%, from Grant Funds.

The FY 2023 proposed **Solid Waste Management Enterprise Fund (Solid Waste)** budget (after recoveries) is approximately \$126.4 million, an increase of approximately \$18.9 million, or 17.6%, over the FY 2022 Approved Budget. This is mainly due to increases in various operational items such as the transfer of \$9 million out of the Capital Improvement Program (CIP) to support the Brown Station Sanitary Landfill project, approximately \$7.2 million increase in operating contract services primarily to support curbside trash, recycling, and yard waste collection, and \$5 million in funding allocated for the purchase of organic carts and bins to support the expansion of the curbside food scraps collection and composting program. Increases are being offset by a decrease in interagency charges primarily from the elimination of Department of Permitting, Inspections and Enforcement (DPIE) recoveries from the Solid Waste Fund.

The FY 2023 proposed **Stormwater Management Enterprise Fund (Stormwater)** budget (after recoveries) is approximately \$74.9 million, an increase of approximately \$3.3 million, or 4.7%, over the FY 2022 Approved Budget, primarily due to the elimination of recoveries from the CIP and increase in principal and interest payments to align with anticipated costs which is being offset by a projected reduction in transfer to CIP.

The FY 2023 proposed **Local Watershed Protection and Restoration (WPR) Fund** budget (Water Quality) is approximately \$20.6 million, a decrease of \$607,200, or 2.9%, under the FY 2022 Approved Budget. Increases in operating costs for funding the Retrofit Rebate Program and maintenance and social program activities for the Clean Water Partnership programs, are being offset primarily by a decrease in the projected cost for principal and interest payments.

The FY 2023 proposed **General Fund** portion of the budget is approximately \$6.7 million, an increase of approximately \$1.4 million, or 25.8%, over the FY 2022 Approved Budget. Increases are attributed primarily to an increase in fringe benefits to align with projected costs, compensation increases from salary adjustments and

the addition of a new position, and a decrease in recoveries from the Stormwater Management Fund related to the Animal Services Division (ASD).

The FY 2023 proposed **Grant Funds** portion of the budget is \$61,200, a decrease of \$383,100, or 86.2%, under the FY 2022 Approved Budget due mainly to the removal of several capital grant appropriations located in the capital budget and a reduction in the Spay-A-Day Campaign.

Budget Comparison – All Funds

Approved Fiscal Year 2022 to Proposed Fiscal Year 2023

Category	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	% Change - Est vs App	FY 2023 Proposed	\$ Change	% Change
Solid Waste Fund*	\$ 95,656,089	\$ 107,453,200	108,375,300	0.9%	\$ 126,355,800	\$ 18,902,600	17.6%
Stormwater Fund	46,368,612	71,522,100	51,208,300	-28.4%	74,868,300	3,346,200	4.7%
Local Watershed Protection and Restoration Fund (Water Quality)	12,625,739	21,215,600	14,877,000	-29.9%	20,608,400	(607,200)	-2.9%
General Fund	4,238,628	5,334,000	4,836,500	-9.3%	6,712,700	1,378,700	25.8%
Grants**	2,627,132	444,300	444,300	0.0%	61,200	(383,100)	-86.2%
TOTAL	\$ 161,516,200	\$ 205,969,200	\$ 179,741,400	-12.7%	\$ 228,606,400	\$ 22,637,200	11.0%

* Adjusted Amount Agrees to Proposed FY 2023 Budget p.436 **Excludes County Contributions/Cash Match Funds

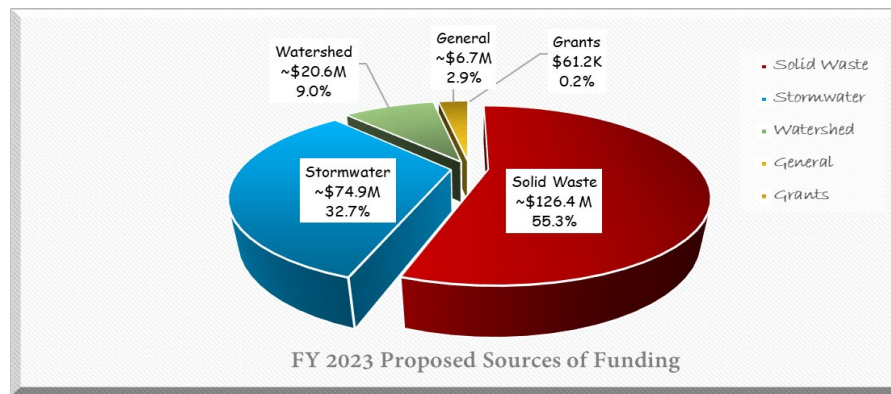
Authorized Staffing Count - All Classifications/All Funds

	FY 2022 Approved	FY 2023 Proposed	Change Amount	Percentage Change
Solid Waste	145	145	0	0.0%
Stormwater	61	61	0	0.0%
Water Quality	10	10	0	0.0%
General Fund: FTE	114	115	1	0.9%
Total	330	331	1	0.3%

*DOE does not fund grant positions.

FY 2023 Sources of Funds

- The Department's operations are supported by five (5) separate funding sources. Based on the *pie chart below*, the Solid Waste Fund accounts for more than half of the Department's funding (55.3%), which together with the Storm Water Management Fund (32.7%), and Local Watershed Protection Fund (9.0%), account for a combined total funding of 97.0% from the Enterprise Funds. The General Fund accounts for only 2.9% of the Department's funding, with Grant funding of less than 1% proposed in FY 2023. The three (3) enterprise funds are comprised of the following major revenue sources: Refuse Collection Charges, Residential and Landfill Tipping Fees for Solid Waste Management, Property Taxes for Stormwater Management, and Impact Fees for Water Quality.



Source: FY 2023 Proposed Budget page 424

Budget Comparison – Solid Waste Management Enterprise Fund (Solid Waste)

Approved Fiscal Year 2022 to Proposed Fiscal Year 2023 - Solid Waste

Category	FY 2021 Actual**	FY 2022 Approved	FY 2022 Estimated	FY 2023 Proposed	\$ Change	% Change
Compensation	\$ 8,340,453	\$ 8,229,100	\$ 7,414,500	\$ 8,902,000	\$ 672,900	8.2%
Fringe Benefits	5,547,821	4,155,700	3,794,400	5,871,500	1,715,800	41.3%
Operating Expenses**	83,610,516	97,012,100	99,110,100	112,314,700	15,302,600	15.8%
Capital Outlay	-	-	-	1,450,000	1,450,000	N/A
Sub-Total**	\$ 97,498,790	\$ 109,396,900	\$ 110,319,000	\$ 128,538,200	\$ 19,141,300	17.5%
Recoveries	(1,842,701)	(1,943,700)	(1,943,700)	(2,182,400)	(238,700)	12.3%
Total**	\$ 95,656,089	\$ 107,453,200	\$ 108,375,300	\$ 126,355,800	\$ 18,902,600	17.6%

**FY 2023 Proposed Budget p.435: Actual FY 2021 Operating Expenditure total is being reported as \$85,908,756, instead of \$83,610,516 hence the subtotal and total after recoveries changed.
Expenditure data FY 2021 agree to the Fund Summary on p.436 (which agrees to the data in SAP).
FY 2021 expenditure data and totals will be updated on p.435 by OMB in the Approved FY 2023 book.

Authorized Staffing Count

	FY 2022 Approved	FY 2023 Proposed	Change Amount	Percentage Change
Full-Time	145	145	0	0.0%
Total	145	145	0	0.0%

Staffing and Compensation (Solid Waste)

- The Authorized Staffing level for the Proposed FY 2023 Solid Waste Management Enterprise Fund budget is 145 full-time positions, which remains unchanged from the FY 2022 approved budget level.
- Funding is provided for 139 out of 145 authorized positions. Six (6) of the Fund's 22 vacant positions proposed in FY 2023 are unfunded. In FY 2022, in addition to one (1) Property Attendant position, Equipment Operators, Refuse Collection Inspectors, and Laborer positions have proven to be hard to fill and retain. The Division has re-advertised the Property Attendant position on various platforms to ensure it is filled prior to the close of FY 2022. See *First Round Budget Response Q.9, Attachment 2 for a complete list of Solid Waste funded vacancies in FY 2023.*
- In FY 2023, proposed compensation is approximately \$8.9 million, which represents an increase of \$672,900, or 8.2%, over the FY 2022 budgeted level, primarily due to the annualization of FY 2022 salary adjustments and funding for essential positions to ensure the attainment of program priorities.
- The Proposed FY 2023 Overtime spending is \$500,000 and remains unchanged from the approved FY 2022 budgeted level. FY 2022 overtime was incurred as a result of staff reductions due to positive COVID-19 cases and heavier traffic flows at the Landfill.

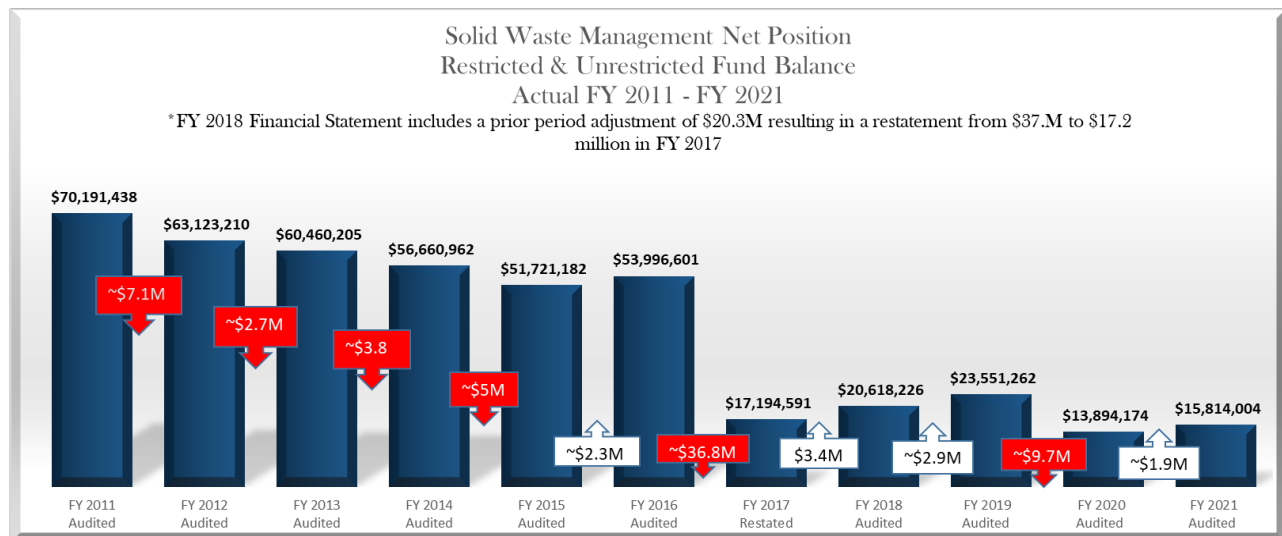
- In FY 2022, the Department has one (1) position in this Fund that was assigned to the Department of Public Works and Transportation (DPW&T) since 2010 to conduct community cleanup activities. This assignment is expected to continue in FY 2023.
- The Department reported that with 12 resignations in FY 2022 (YTD), its current rate of attrition for this fund is 10.5% and cites the key factors contributing to the current attrition level are salary and career growth. Equipment Operators, Laborers and Recycling Inspector positions are the most affected in the Resource Recovery Division. As vacancies increase for Equipment Operators, Bulky Trash Operations section staff are being cross trained to assist with the workload in the Disposal Operations section.
- The Resource Recovery Division (RRD) is reporting that with 41 employees, or approximately 30% of its funded positions, eligible for retirement by the end of FY 2023, the Division will experience a mission critical vacancy rate, and plans on having the positions advertised on various platforms.

Fringe Benefits (Solid Waste)

- Fringe Benefit expenditures in FY 2023 are proposed at approximately \$5.9 million, and represent an increase of approximately \$1.7 million, or 41.3%, over the FY 2022 approved levels, and reflect anticipated costs which includes \$3.1 million of other post-employment benefit (OPEB) costs.

Fund Balance (Solid Waste)

- The overall net position of the Solid Waste Enterprise Fund (which includes both restricted and unrestricted assets) has decreased by approximately \$54.4 million since FY 2011, from ~\$70.2 million, to approximately \$15.8 million at the end of FY 2021. *See chart below.*

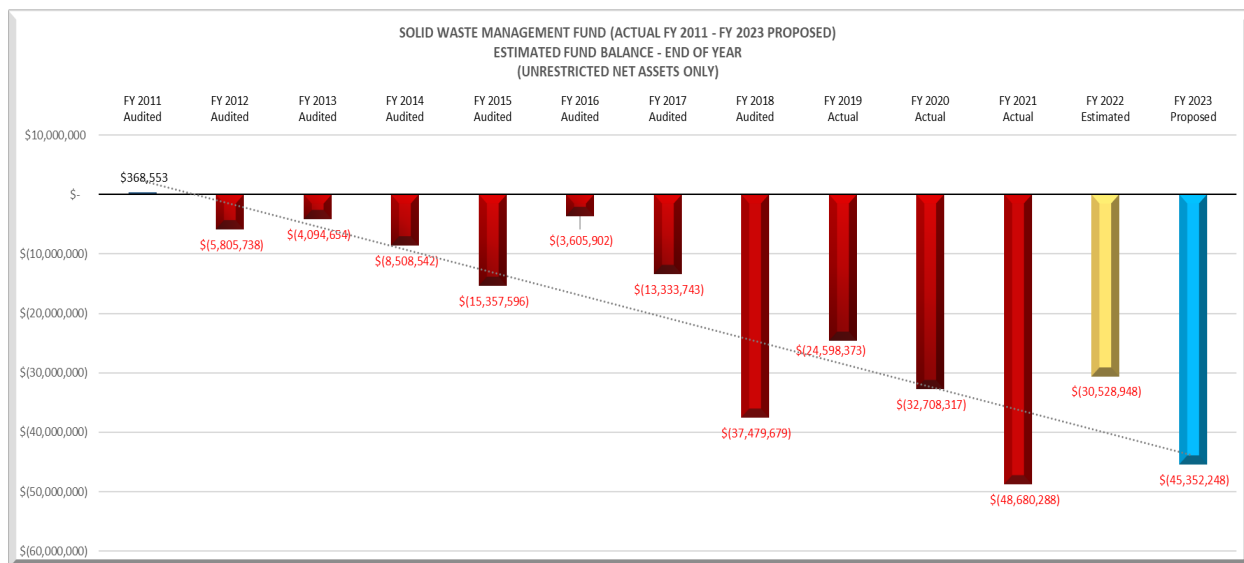


Source: FY 2011- FY 2020 Audited Comprehensive Annual Financial Reports (CAFRs) and FY 2021 ACFR

- Given that the available fund balance was only approximately \$15.8 million at the end of FY 2021, and the average \$5.4 million decreases in total fund balance since FY 2011, if this trend continues, the Solid Waste Management Fund will no longer be self-sustaining within the next few years.
- The Proposed FY 2023 Budget includes the use of approximately \$14.8 million, or approximately 94%, of the currently available fund balance (which is ~\$15.8 million) to cover anticipated expenditures. This represents an increase of approximately \$12.5 million, or 546.8%, over the FY 2022 approved amount. The

Department is proposing to continue to pay a finance fee of \$41,900 in FY 2023 for fiscal oversight of the fund to contractor Mckennon, Shelton & Henn LLP.

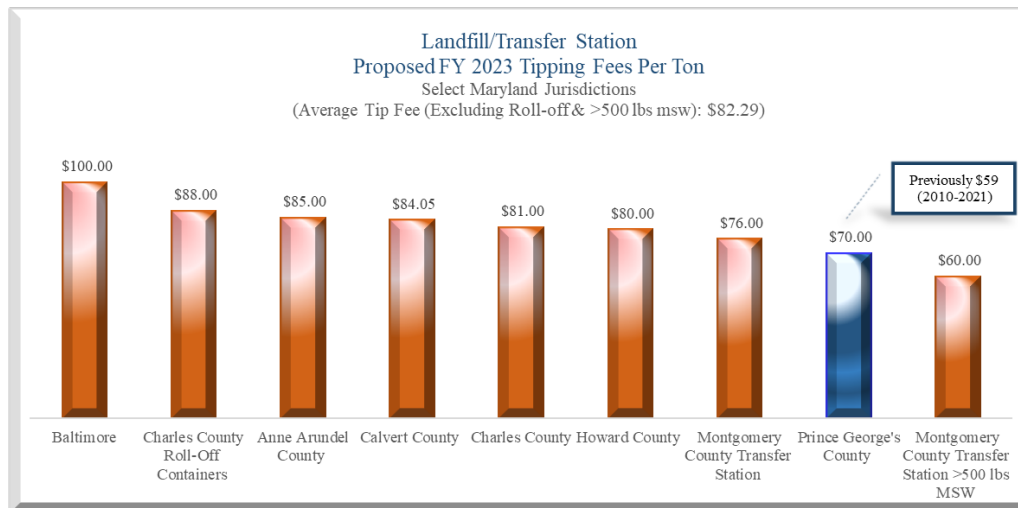
- Per the FY 2021 Annual Comprehensive Financial Report (ACFR) reserve levels are as follows: Landfill Closure costs (approximately \$48.4 million), Sandy Hill Landfill Trust (approximately \$1.9 million), and Net investment in Capital Assets (approximately \$14.2 million).
- The Annual Comprehensive Financial Report (ACFR) for FY 2021 has the **unrestricted** fund balance showing a deficit of approximately \$48.7 million. The FY 2023 Proposed Budget for the **unrestricted** net assets in the Solid Waste Enterprise Fund is projecting an approximate \$45.4 million deficit in FY 2023. *See chart below.*



Sources: FY 2023 Proposed Budget page 431 & FY 2011-2021 CAFRs/ACFR

- The structural deficit of the fund was driven by significant increases in costs associated with services provided under this fund (including Interagency Project Charges), in relation to the small increases, in revenues over the years. The Department has in the past cited some of the following reasons leading to the deficit:
 - Tipping fees which were well below regional rates for over a decade and continue to be lower than surrounding jurisdictions.
 - Operational and capital costs associated with maintaining the officially closed Sandy Hill Landfill.
 - Recycling markets continuing to be problematic, with China's policy banning/restricting imports of recyclables and negatively impacting commodities revenues.
 - Impact of Interagency Charges with annual increases in project charges from various agencies (DPIE/DPW&T, etc.).
 - Heavy equipment failures.
 - Failing landfill gas pipeline due to excessive age and need for major repair work.
 - Prior period accounting adjustment for OPEB.
- The Department is reporting that it has undertaken or plans to undertake the following measures to begin to address the structural deficit of the Solid Waste Enterprise Fund:
 - The Proposed FY 2023 Budget includes a decrease in recoverable expenditures from the Fund as a result of the elimination of interagency funding for DPIE (~\$9.983 million).

- Increases in revenues from residential fees, sales and use fees, and charges for services will provide additional revenues to totally, or partially, address any structural deficits in this fund.
- Increased tipping fees to \$70/ton on October 1, 2021, to generate additional revenue to support program activities. Even with the tipping fee increase in FY 2022, the County still remains lower than the other select Maryland jurisdictions that were compared. See *chart on the following page*.



Revenues (Solid Waste)

- In FY 2023, the Fund's proposed revenue sources are increasing to approximately \$111.5 million, which is approximately \$6.4 million, or 6.1%, over the current year's approved level, excluding the use of fund balance, due primarily to increases in the sale of recyclables and landfill tipping fees. See *chart* below.

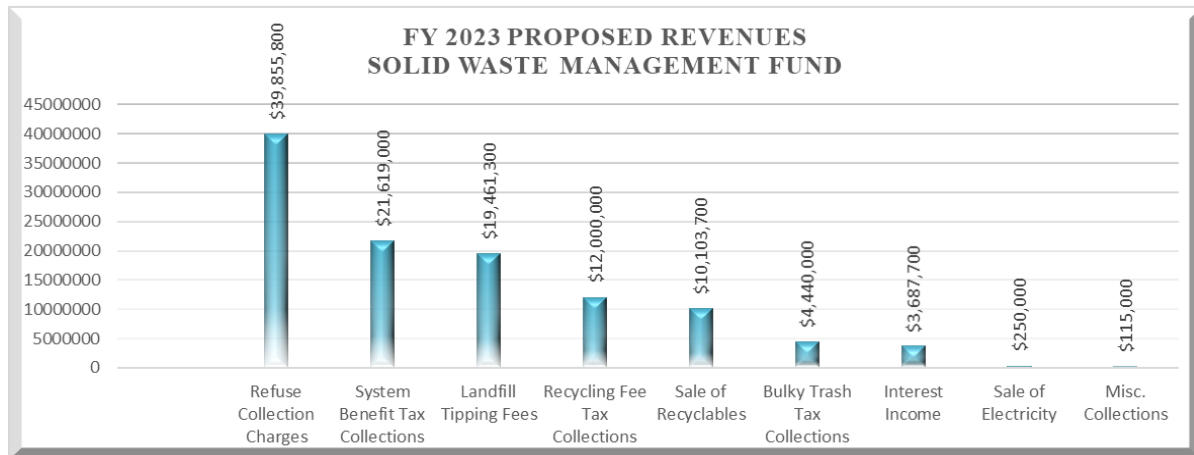
SOLID WASTE MANAGEMENT FUND REVENUES						
(Sorted by Change \$ - Highest to lowest)						
Category	FY 2021 Actual (\$)	FY 2022 Approved (\$)	FY 2022 Estimated (\$)	FY 2023 Proposed (\$)	FY 2022-2023	
					Change \$	Change %
Sale of Recyclables	5,896,222	6,003,600	6,584,600	10,103,700	4,100,100	68.3%
Landfill Tipping Fees	12,615,927	18,427,600	20,705,600	19,461,300	1,033,700	5.6%
System Benefit Tax Collections	21,426,528	20,716,900	21,153,000	21,619,000	902,100	4.4%
Bulky Trash Tax Collections	3,709,029	3,836,500	3,695,900	4,440,000	603,500	15.7%
Recycling Fee Tax	11,054,927	11,509,400	11,018,600	12,000,000	490,600	4.3%
Interest Income	1,462,749	3,346,800	3,687,700	3,687,700	340,900	10.2%
Sale of Electricity	256,257	107,300	181,800	250,000	142,700	133.0%
Misc. Collections	184,758	110,200	115,000	115,000	4,800	4.4%
Clean Lot	626,575	436,700	—	—	(436,700)	-100.0%
Refuse Collection Charges	40,648,617	40,666,400	40,491,300	39,855,800	(810,600)	-2.0%
Abandoned Vehicles	875	—	—	—	—	N/A
Transfers in	—	—	—	—	—	N/A
Revenues Subtotal	\$97,882,464	\$105,161,400	\$107,633,500	\$111,532,500	\$6,371,100	6.1%
Appropriated Fund Balance	—	2,291,800	—	14,823,300	12,531,500	546.8%
Total Revenues	\$97,882,464	\$107,453,200	\$107,633,500	\$126,355,800	\$18,902,600	17.6%

Source: FY 2023 Proposed Budget p.436

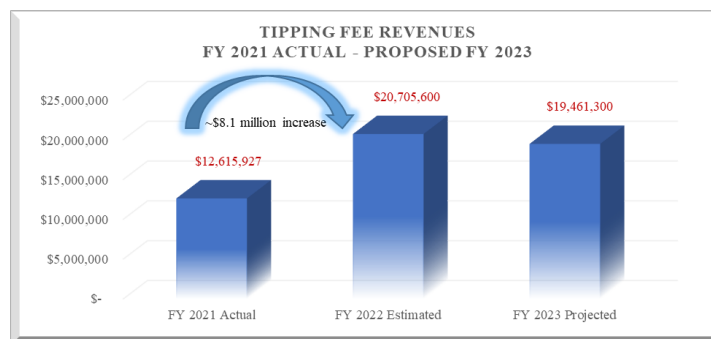
- The Fund's proposed revenues in FY 2023 are expected to increase for eight (8) categories and decrease for one (1) category. The Clean Lot program falls under the purview of DPIE, and FY 2023 funding is included

in that Agency's proposed budget. Presentation of the revenue data for the Abandoned Vehicles Program is for historical purposes only.

- The majority of the Fund's revenues are generated by Refuse Collection Charges (36%), System Benefit Tax Collections (19%), Landfill Tipping Fees (17%), and Recycling Fee Tax Collections (11%), and Sale of Recyclables (9%).



- Estimated tipping fee revenues for FY 2022 is approximately \$20.7 million. The following is noted:
 - ✓ Increased revenues estimated in FY 2022 of approximately \$8.1 million are more than the actual revenues generated in FY 2021.
 - ✓ Projected revenues of approximately \$19.5 million in FY 2023.
 - ✓ Scale house and access road renovations are planned for FY 2023. The renovations will improve traffic control, decrease wait times and ability to discontinue minimum fees for most, if not all, pickup trucks, which will result in anticipated increased revenues in FY 2024. *See chart below.*



- The largest decrease in revenues, excluding appropriated fund balance, is proposed in FY 2023 for Refuse Collection Charges, which is decreasing by \$810,600, or 2.0%, under the FY 2022 approved budget amount. Approximately \$39.9 million is proposed for FY 2023, to align with projected estimates.
- Potential revenue generation could be realized via the following:
 - Re-Use Center (operated by local 501(c)(3); waste conversion technologies (marketed fuel development); creating uses for landfill gas that may include gas refinement (pipeline quality gas production); carbon dioxide stripping; hydrogen fuel cell development; and, the less costly and burdensome end-uses that will benefit from a partnership. Such an agreement may provide all

financing and technology, purchase, install, and maintain all pre-production engineered systems to increase the marketability of the County's landfill gas.

Operating Expenses (Solid Waste)

- In FY 2023, Solid Waste operating expenses are proposed at approximately \$112.3 million, and are comprised of the following major items (excluding Principal and Interest):

Transfer Out	\$9.0 million
Operating Contracts	~7.2 million
Office and Operating Equipment Non-Capital	~5.0 million
General & Administrative Contracts	~4.6 million

- Overall, operating expenses are increasing by approximately \$15.3 million, or 15.8%, above the FY 2022 approved level. The accompanying *table on the following page* compares the FY 2023 Proposed Budget operating expenditures with the FY 2022 Approved Budget operating expenditures. In 14 of the categories, the FY 2023 Proposed Budget increases planned spending from the FY 2022 approved budget. In three (3) of the categories, the FY 2023 Proposed Budget level remains unchanged compared to the FY 2022 approved budget. FY 2023 proposed expenditures are being reduced in seven (7) categories, and one (1) category is depicted for historical purposes only.
- The most significant dollar increase between the FY 2023 Proposed Budget and the FY 2022 Approved Budget, excluding Principal and Interest, is the Transfer Out of \$9 million to the Capital Improvement Program (CIP) to support various Brown Station Road projects. The funding will be used to balance/fund the CIP expenditure needs for FY 2023 and is a funding source the County has identified to reduce the need for new bonds to be sold.
- Operating Contracts are being proposed to increase in FY 2023 to approximately \$43.8 million, which represents an approximately \$7.2 million, or 19.5%, increase from the Approved FY 2022 levels, to pay for increases in the rate (est. \$21/household) being paid to the contracted haulers for “curbside trash, recycling, and yard waste collection” services.
- The FY 2023 Proposed Budget includes approximately \$1.5 million, to be transferred to the required Landfill Reserves, and remains unchanged from the Approved 2022 contribution level. The audited Actual FY 2021 contribution level is approximately -\$3.5 million. The decrease in Post Closure expense in FY 2021 is attributed to a combination of various factors which include decreases to changes in costs, measurements, liability adjustment, and engineering estimates which are being offset by an increase in actual tonnage dumped at the new Brown Station Road Sanitary Landfill.

Details of increase (decrease) in post closure expenditures for the year ended June 30, 2021

Brown Station	Change in Cost to complete Old Brown Station Road	\$ (1,942.00)
	New Brown Station- decrease due to change in measurement	(1,068,895.29)
	New BRSR FY21 Actual tonnage dumped	4,514,352.00
	Change in post closure Expense due to liability adjustment	(2,920,649.56)
Sandy Hill	Decrease in Post closure Expense due to change in Engineering Estimation	<u>(3,981,940.00)</u>
	Decrease in post closure (Reported in Income statements)	<u>\$ (3,459,074.85)</u>

- The decrease in Interagency Charges (~\$9.8 million) is primarily due to a proposal to eliminate recoveries from the Solid Waste Management fund by the Department of Permitting, Inspections and Enforcement (DPIE) and other Agencies/DOE Divisions.

Operating Objects - Solid Waste	FY 2021 Actual**	FY 2022 Approved	FY 2022 Estimated*	FY 2023 Proposed	FY 2022 - FY 2023	
					\$ Change	% Change
Transfer Out	\$-	\$-	\$-	\$9,000,000	\$ 9,000,000	100.0%
Operating Contracts	37,698,125	36,687,300	36,687,300	43,848,000	7,160,700	19.5%
Office and Operating Equipment Non-Capital	37,759	152,500	152,500	5,128,500	4,976,000	3263.0%
General & Administrative Contracts	16,011,779	19,281,400	19,459,300	23,929,000	4,647,600	24.1%
Principal*	3,414,339	5,138,400	5,138,400	5,802,600	664,200	12.9%
Interest	2,264,469	2,355,400	2,700,000	2,746,600	391,200	16.6%
Office Automation	757,884	765,500	768,900	905,900	140,400	18.3%
Utilities	402,729	306,100	402,800	402,800	96,700	31.6%
Operating Supplies	243,250	288,500	289,500	316,400	27,900	9.7%
Telephone	119,911	104,500	104,500	120,000	15,500	14.8%
Advertising	13,993	10,500	10,500	16,500	6,000	57.1%
Training	268	16,500	14,500	19,000	2,500	15.2%
Membership Fees	2,603	4,100	4,100	4,700	600	14.6%
Other Operating Equipment Repair/ Maintenance	3,755	3,000	3,000	3,300	300	10.0%
Postage	-	90,000	90,000	90,000	-	0.0%
Grants/Contributions	651,160	660,000	651,200	660,000	-	0.0%
Contribution to Post Closure**	(3,459,075)	1,531,400	3,100,000	1,531,400	-	0.0%
Miscellaneous	231,889	-	-	-	-	N/A
Equipment Lease	45,992	45,800	45,800	43,800	(2,000)	-4.4%
Printing	40,540	47,000	47,000	41,000	(6,000)	-12.8%
Building Repair/Maintenance	377	30,000	30,000	20,000	(10,000)	-33.3%
Gas and Oil	504,375	600,000	439,000	539,000	(61,000)	-10.2%
Depreciation	631,184	3,981,700	4,059,300	3,420,300	(561,400)	-14.1%
Vehicle Equipment Repair/ Maintenance	1,639,811	1,507,800	1,507,800	73,800	(1,434,000)	-95.1%
Interagency Charges	22,983,337	23,404,700	23,404,700	13,652,100	(9,752,600)	-41.7%
TOTAL	\$ 84,240,454	\$ 97,012,100	\$ 99,110,100	\$ 112,314,700	\$ 15,302,600	15.8%
* FY 2022 Estimate Adjusted to included principal total of \$5,138,400 (reported as \$0 - First Round (FR) Response Q.16 Attach.3 with note)						
**FY 2021 Actual updated to align with the final ACFR totals released on March 29, 2022 (reported as -\$1,790,773 FR Q.16 Attach.3 with note)						
***FY 2021 expenditure data and totals will be updated on p.435 by OMB in the Approved FY 2023 book. Expenditure data FY 2021 agree to the Fund Summary on p.436 (which agrees to the data in SAP).						

Source: FY 2023 First Round Question 16, Attachment 3 - Solid Waste Management Fund

Contracts (Solid Waste)

- Overall, in FY 2023, contract spending is being proposed at approximately \$67.8 million dollars with the following major spending for various services over \$1 million (*see chart on the following page*):
 -  Haulers – curbside trash, recycling, yard waste collection \$43.8 million
 -  Maryland Environmental Service (MES) – 8 contracts (various services) \$18.5 million
 -  Education and Outreach related to COVID tonnage increase and anticipated twice a week service delivery \$1.0 million

Selected Contracts, FY 2021, FY 2022 and FY 2023							
Vendor/Contractor Name	Summary of Contract Services	FY 2021 Actual	FY 2022 Approved Budget	FY 2022 Actual/ Estimated Contract Amount	FY 2023 Proposed Contract Amount	\$ Change	% Change
To Be Determined or Various	Curbside Trash, Recycling, and Yard Waste	\$ 34,539,366	\$ 36,687,300	\$ 36,687,300	\$ 43,848,000	7,160,700	20%
Maryland Environmental Service	Operation of the Materials Recycling Facility	7,746,728	7,306,800	7,306,800	7,526,100	219,300	3%
Maryland Environmental Service	MES MASTER AGREEMENT - BSRSL O&M LFG System, Leachate & Reporting	2,003,407	4,340,800	4,340,800	5,440,100	1,099,300	25%
Maryland Environmental Service	Operation of Organics Composting Facility	600,000	2,547,800	2,547,800	2,624,300	76,500	3%
Maryland Environmental Service	MES MASTER AGREEMENT- SHL: O&M/LFG/LEACHATE/REPORTING	1,447,282	1,556,100	1,556,100	1,665,100	109,000	7%
Maryland Environmental Service	BSRSL: O&M Leachate Pre-Treatment	1,040,745	1,250,000	1,250,000	1,250,000	-	0%
Maryland Environmental Service	BSRSL: MOE Air Quality Part 70 Permit Fee	10,771	7,500	7,500	7,500	-	0%
Maryland Environmental Service	(MES)Sandy Hill landfill: MOE Annual Air Permit Fee	-	6,500	6,500	6,500	-	0%
Maryland Environmental Service	BSRSL: SCALE CERTIFICATION, Double the number of scales (going from 2 to 4, as part of twice a week trash)	-	600	600	1,200	600	100%
	TOTAL MES Contracts	\$12,848,933	\$17,016,100	\$17,016,100	\$18,520,800	\$1,504,700	9%
To Be Determined or Various	Education and Outreach related to COVID tonnage increases and anticipated twice a week service delivery	-	-	-	\$ 1,000,000	\$ 1,000,000	N/A

- The following are the four (4) proposed contracts to vendor Toter LLC in FY 2023 totaling \$906,000, to cover spending for recycling and waste/trash carts, repair/service and parts:

Vendor/Contractor Name	Summary of Contract Services	FY 2021 Actual	FY 2022 Approved Budget	FY 2022 Actual/ Estimated Amount	FY 2023 Proposed Amount	\$ Change	% Change
Toter LLC	Recycling Carts	\$203,544	\$300,000	\$300,000	\$306,000	6,000	2%
Toter LLC	Waste/Trash Carts	151,117	250,000	250,000	250,000	-	0%
Toter LLC	Recycling Cart Repair/Service and Parts	81,383	150,000	150,000	200,000	50,000	33%
Toter LLC	Waste/Trash Carts Repair/Service and Parts	56,250	100,000	100,000	150,000	50,000	50%
	TOTAL Toter LLC	\$492,294	\$ 800,000	\$800,000	\$906,000	\$106,000	13%

- A complete list of all of the contracts for the Solid Waste Management Fund is included in the Departments response to *First Round Q.17, Attachment 4*.

Capital Outlay (Solid Waste)

- The FY 2023 Proposed Budget includes \$1.45 million to cover the purchase of three (3) pieces of equipment necessary to comply with the Maryland Department of the Environment (MDE) approved Refuse Disposal Permit at the Brown Station Road Sanitary Landfill and provide environmentally safe conditions for County residents and commercial customers.
- Equipment includes: An Excavator (\$500K): to load all weather road and cover materials and for stormwater management construction projects, a Track Dozer (\$500K) - to perform daily cover and slope management projects, and a Material Handler (\$450K) - to manage recyclable material and loadouts.

Recoveries (Solid Waste)

- Recoveries in FY 2023 are proposed at approximately \$2.2 million, which is an increase of \$238,700 or 12.3%, over the FY 2022 approved level. The recoveries are from the Sandy Hill Post Closure reserve fund, for expenses incurred by the Department to conduct post closure functions (primarily due to an increase in the MES Master Agreement contract for FY 2023) at the Sandy Hill Landfill.

Capital Improvement Program (CIP), Highlights & Maintenance (Solid Waste)

Resource Recovery Division (RRD) – Solid Waste Fund

RRD manages the Solid Waste Management Enterprise Fund which is used to finance costs associated with the maintenance and operation of land and facilities for the collection, transportation and disposal of refuse, garbage, rubbish, other matter and all related activities. The fund also finances costs associated with environmental, solid waste management and recycling and waste reduction programs in the County.

- Total Proposed FY 2023 CIP funding for DOE is \$18.036 million, with FY 2023 fundings sources consisting of: Other (49.9%) and Revenue Bonds (50.1%). *See table below.*
- Total project costs are increasing for four (4) of the five (5) Department projects, with the exception being the North County Animal Shelter (General Fund). All projects except for the Materials Recycling Facility (MRF) have their schedules delayed.

Project Name	Fund	Department of the Environment FY 2023 - 2028 CIP						
		Est. Comp. FY	Project Status	FY2022 Approved Capital Budget	FY 2022 Actual Expenditures (YTD)	FY2022 Anticipated Expenditures	FY 2023 Budget Request	Total Approved Project Funding
Brown Station Landfill Construction	Solid Waste	Ongoing	Ongoing	\$9,964,000	\$2,368,947	\$21,386,000	\$16,420,000	\$202,507,000
Organics Composting Facility	Solid Waste	Ongoing	Ongoing	4,766,000	105,913	8,028,000	184,000	19,171,000
Materials Recycling Facility	Solid Waste	Ongoing	Ongoing	1,285,000	1,930,123	1,410,000	732,000	10,940,000
Resource Recovery Park	Solid Waste	Ongoing	Ongoing	-	-	800,000	-	5,497,000
Sandy Hill Sanitary Landfill	Solid Waste	Ongoing	Ongoing	200,000	64,556	5,226,000	700,000	43,739,000
North County Animal Shelter	General	Ongoing	Ongoing	-	-	-	-	7,136,000
TOTAL				\$16,215,000	\$4,469,539	\$36,850,000	\$18,036,000	\$288,990,000

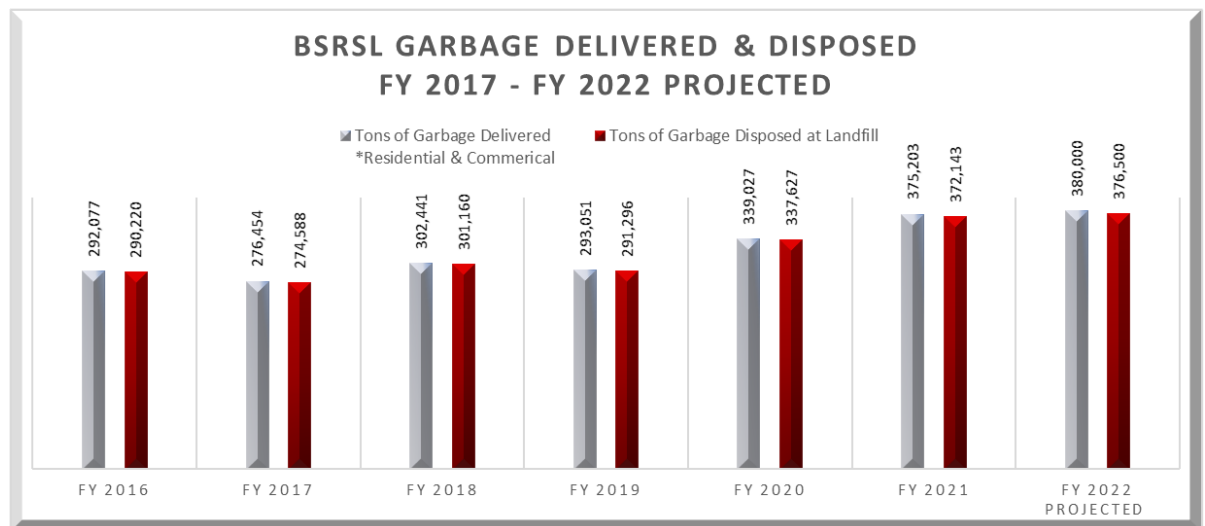
Capital Improvement Program (CIP) – Brown Station Landfill Construction (#5.54.0001)
FY 2023 Proposed Expenditure and Funding Source(s): \$16.420 million (Revenue Bonds and Other)
Councilmanic: District 6
Project Class/Status: Addition/Under Construction

This project includes Brown Station Road Sanitary Landfill (BSRSL) Area C in-fill, extending the County's landfill capacity to the year 2045 or beyond; Leachate Pre-Treatment Plant upgrades; Phase V Landfill Gas; Stormwater Control Structures; replacement of landfill gas pipeline; critical equipment; and various infrastructure projects.

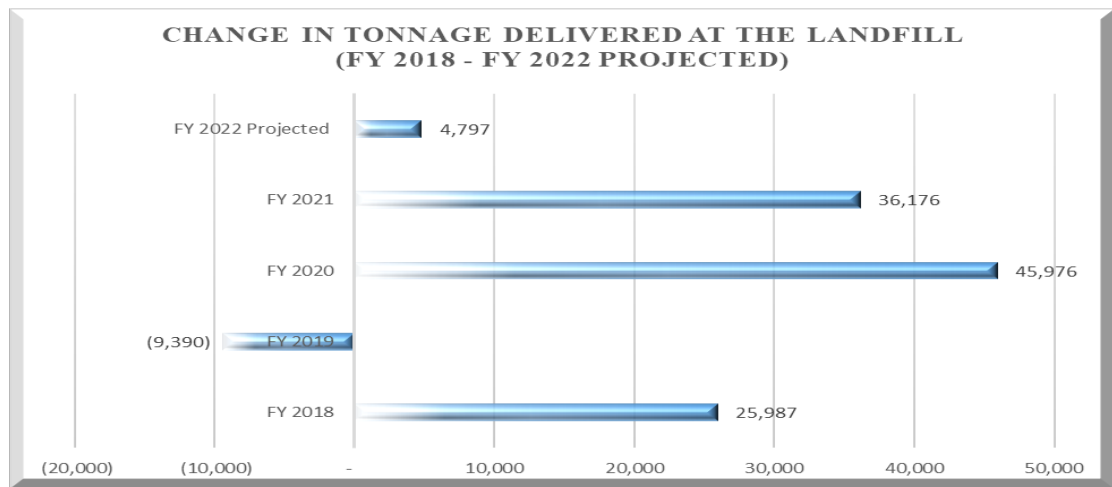
- In the FY 2023 CIP, funding will be used to continue the design of the landfill Area C in-fill project and for obtaining associated permits; replacement of the landfill gas pipeline between BSRSL and the Department of Corrections as well as the construction of the Leachate Pre-Treatment Plant.
- 'Other' funding in FY 2023 reflects a PAYGO transfer from the Solid Waste Enterprise Fund.
- ***The Brown Station Road Sanitary Landfill (BSRSL) –***

 Area B - the current active section of the landfill.

- Currently has an engineered waste capacity limit (calculated in time) of December 2024.
 - Calculations are based on incoming waste volumes/types, waste-type densities, known waste compaction rates, and the maximum final grades and elevations (as determined and approved by the Maryland Department of the Environment (MDE)).
- 🚧 Area C - January 2025 is the required date of Area C waste placement.
- The County must construct the planned Area C and be substantially completed, approved by MDE for waste acceptance, and all field operations prepared to utilize Area C by December 2024.
 - This includes all supportive ancillary functions to manage byproducts, a 'waste fill plan', and a new/modified Disposal Permit as issued by MDE.
 - Expected waste volumes to be placed into Area C (the planned placement of wastes utilizing individually identified 'cells'), will offer waste capacity for 30-45 years into the future.
 - Conservation of airspace remains a primary mission of RRD, and increasingly creative waste diversion possibilities will further the causes of diverting wastes, while developing a revenue stream.
- 🚧 Municipal Solid Waste volumes placed within the active area of the BSRSL in FY 2022 is projected at 376,500 tons after recapture. This reflects an increase in volume from the FY 2020 volume of 337,627 tons. Current tonnage through February 2022 is 253,050. *See chart below for tons of solid waste delivered and disposed from FY 2017 - FY 2022 Projected.*



- 🚧 Since FY 2017, 1% or less of the solid waste delivered to the landfill is recaptured through recycling. Solid waste recaptured in FY 2020 was only 1,400 tons but is projected to increase to 3,500 tons in FY 2022.
- 🚧 The change in tonnage delivered at the landfill from FY 2019 to FY 2020 saw a sharp increase in tonnage by 45,976 due to the additional waste generated at the curb during the pandemic. See chart on the following page depicting the year over year change in tonnage from FY 2018 – FY 2022 Projected.



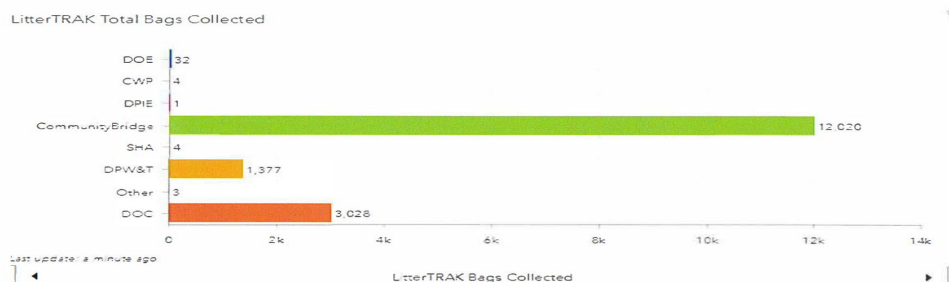
- **Brown Station Road Sanitary Landfill Leachate Pretreatment Facility Upgrades Project.** Plant upgrades are critical to meet current and future leachate generation at the BSRSL, Sandy Hill landfill, and to comply with conditions outlined in the WSSC Leachate Discharge Authorization permit.
 - ✚ The plant upgrades are included with the MES Master Agreement and linked to Area C in-fill project.
 - ✚ Current expenditures remain at approximately 30% of the Approved FY 2022 CIP budget of \$3.343 million.
 - ✚ MES contracted with Geosyntec to provide the County with proven technology that meets the needs of current and future on-site treatment processes will be utilized.
 - ✚ Currently, the Architect/Engineer provided scope of work that was reviewed and approved by the County. The Request for Proposal (RFP) will be solicited late March and anticipated contract award by June 2022.
 - ✚ Completion of construction is projected in late CY 2024 or early CY 2025.
 - ✚ Received the WSSC 2022 Excellence Award for the Leachate Pretreatment Plant.
- **Brown Station Road Sanitary Landfill Watermain Replacement Project:** The watermain is approximately 50 years of age and extends approximately 1,600 feet within landfill property. The watermain continues to experience multiple failures that impacts the health and safety of landfill operations.
- **Landfill Gas to Energy Project.** The costs associated with the landfill gas to energy plants at BSRSL and at the Department of Corrections (DOC), includes facility management, maintenance, repairs, and regulatory reporting.
 - ✚ Landfill Gas Pipeline (LFGPL): Commissioned in 1987 (~35 years of age) extends approximately 2.5 miles along Brown Station Road from the Brown Station Road Sanitary Landfill (BSRSL) to the County Correctional Center (CCC).
 - ✚ The LFGPL provides a fuel source to produce electricity and support boilers and hot water heaters at the CCC.
 - ✚ In less than a year, the County experienced two gas leaks in the pipeline. As a result of the most recent leak, the pipeline remains out of service until the leak(s) can be identified and repaired in accordance with the Public Service Commission regulations.

- ✚ The new/replaced pipeline will be High Density Polyethylene (HDPE) which is not affected by corrosives that accompany the transmission of landfill gas (found in the accompanying moisture).
- ✚ The existing pipeline was installed in 1985/86 and is carbon steel. Further, HDPE does not require cathodic protection and monitoring stations, as is required with carbon steel.
- ✚ The Office of Central Services (OCS) is coordinating directly with the sole source design build contractor, Curtis Power Solutions, to finalize the design and begin construction in the early part of FY 2023.
 - Curtis Power Solutions was awarded a Contract to install this pipeline, and multiple progress meetings were conducted.
 - The hierarchy with the project's Project Manager changed midstream and is now being managed by OCS Construction Management.
 - Resource Recovery Division's part in the project is to fund the project and provide technical services/review and information, as required.
 - In recent months, OCS has worked with Curtis Power Solutions on the design and permitting of the pipeline. The estimated costs for the pipeline replacement are \$6.6 million.
- **Facilities** – Due to additional waste generated at the curb, the scale house upgrade and lot relocation projects are being fast tracked in FY 2023, with a cost of approximately \$6 million.
 - Relocation of the Brown Station convenience lot across the street to the current convenience center location, to make access for residents easier.
 - Access road and scale house improvements to shorten the wait to access the landfill for commercial haulers and residents, thus reducing idling time and hauler costs.
- **Equipment (Brown Station Road)**
 - ✚ Approved FY 2022 funding of \$1.95 million for equipment at the Brown Station Road and the Materials Recycling Facility is depicted in *Appendix 1* of this report. The FY 2023 Proposed Budget includes a funding request of \$5 million for the Countywide Organics Cart Program.

Litter Cleanup and Illegal Dumping

- The County established the **Litter and Illegal Dumping Taskforce** in FY 2021 to address illegal dumping concerns in the County. Below is the graph of the number of bags collected in 2022. Each bag equals 25lbs of litter and equates to a total so far of 16,469 bags/411,725lbs. See *Attachment #7a* - A letter establishing the taskforce; and *Attachment #7b* - Taskforce members of *First Round Solid Waste Response*.

Below is the graph chart of the number of bags collected in 2022. Each bag equals 25lbs of litter.



- RRD partners with **Keep Prince George's County Beautiful** to promote recycling, litter-free communities, Green Schools, and other environmental initiatives.
- **The Environmental Crimes Team (ECT)**
 - ✚ A team of eight (8) members representing DOE (3 staff), the Police Department (1 staff), DPIE (2 staff), DPW&T (1 staff) and State's Attorney Office (1 staff).
 - ✚ Six (6) cameras are assigned with four (4) actively monitoring locations. No data was provided regarding number of citations issued.
 - ✚ DOE has submitted a grant for Federal Community Fund Grant appropriation to assist with its efforts to secure camera's and conduct remote monitoring of illegal dumping hotspots and has been informed that it's application was successfully funded. DOE will be moving forward with procurement as soon as these funds are appropriated.
 - ✚ Estimate that 11 remote/covert cameras are needed to aid in the fight against illegal dumping at a cost of \$764,000. Roll-off dumpsters and transport trucks for the dumpsters to county-wide illegal dumping and trash hotspots for Community clean-up is needed. See *Attachment 10a and 10b of the Solid Waste First Round Responses* for Estimated FY 2022 Community Fund Project Costs.
- The agency implemented the **Clear the Curb** initiative.
 - ✚ **Bulky Trash**
 - Residents who receive County trash and recycling services, beginning February 14, 2022, are able to put out up to two (2) items of regular bulky trash, with their regular trash collection, no appointment needed.
 - Scrap tires and white goods will still need to be scheduled for pickup through PGC311.
 - The County exercised a clause in the current hauler contract which would require the haulers to collect bulky trash items. The haulers were allowed each truck a \$11/ton rebate to cover bulky trash through May 1, 2022.
 - Current County Bulky Section staff still perform standard bulky collections in South County and gated communities (scheduled appointments), where residents do not participate in the County's trash and recycling program, and the same trucks are being utilized. Additionally, the staff also perform white goods and scrap tire collections.
 - Bulky Section staff members are cross-training within other sections of the Division to increase internal operational productivity and efficiencies such as with new resource recovery effort to complement the landfill operations, and to perform cart deliveries and repair services.
- Traditional **2-day trash collection reinstatement** is still under consideration. It is being weighed against the new strategy of "clearing the curb", which may result in a more environmental and customer benefit solution than the traditional 2-day approach, and it is still being studied. Proposed FY 2023 funding of \$1 million is being proposed under General and Administrative Contracts to include Education and Outreach related to COVID tonnage increase and twice a week service delivery.
- DOE has acquired 65 **solar trash/recycling compactors** to date at a cost of \$500,328 with installation, and plans to acquire 30 compactors (est. \$236,000) in FY 2023. DOE has partnered with DPW&T on maintenance services for Big Belly stations. Please see the Departments *First Round Response Q.47a – Attachment 8* for a list of existing locations of installed stations.

Capital Improvement Program (CIP) – Organics Composting Facility (#3.54.0001)

FY 2023 Proposed Expenditures/Funding Source(s): \$184K/Revenue Bonds (100%)

Councilmanic: District 7

Project Class/Status: New Construction/Under Construction

This project includes 3,000 organics residential collection carts and facility needs, which improves the combined yard trim and food scrap curbside collection program. Funding will be used to procure equipment that will facilitate effective materials processing. This project also includes stormwater management pond reconstruction.

- ✚ The County's Organics Composting Facility includes the processing of food scraps, which plays a major role in increasing the diversion rate in the County. Composting turns organic waste into a popular soil amendment called Leafgrow, generating revenue for the County.
- ✚ Proposed FY 2023 funding supports the construction of a stormwater management pond with upgrades and the purchase of equipment and organic carts for the residential curbside food scrap composting program.
- ✚ Expansion of the Food Composting Program:
 - There are 174,000 units/household that are eligible for the program. When the next roll out occurs, there will be roughly 22,000 units/households projected to be participating in May of 2022.
 - The Department is planning to increase educational awareness through outreach, social media, various advertising, etc.
 - The Proposed FY 2023 expenditures for Office and Operating Equipment Non-Capital includes \$5 million for the Countywide Organic Carts Program.

Capital Improvement Program (CIP) – Materials Recycling Facility (#5.54.0020)

FY 2023 Proposed Expenditure and Funding Source(s): \$732K (Revenue Bonds)

Councilmanic: District 6

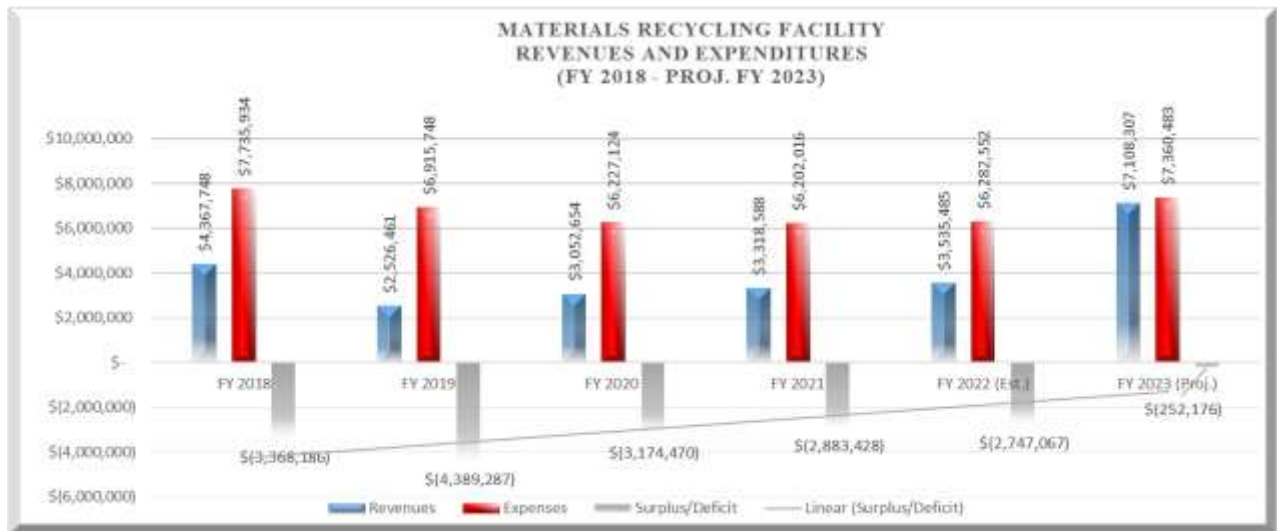
Project Class/Status: Rehabilitation/Under Construction

This project includes the completion of a plastics optical sorter, commercial truck weighing scale, glass removal equipment, paving of facility parking lot and operational inbound and outbound road, roof repair and tipping floor repairs. The installation of the sorter will provide increased commodities revenue for plastics and ensure accurate weights for manifests and tipping fees.

- ✚ In FY 2023, funding includes repaving of parking lots, concrete floor replacement, and final payments for the purchase of the Plastics Optical Sorter line upgrade.
- ✚ Capital Improvements/costs at the MRF include:

○ Sprinkler System Replacement	\$500,000
○ Bollegraaf line upgrade	225,000
○ Air Condition Replacement	160,000
○ Concrete Replacement	150,000
○ Roof Repairs	100,000

- ✚ The Department is projecting that expenses will continue to exceed revenues for operations and maintenance of the MRF facility in FY 2023 by \$252,176. Net losses at the Maryland Environment Services (MES) operated facility since FY 2018 is approximately \$16.8 million (inclusive of estimated FY 2022 and projected FY 2023 losses). *See chart on the following page.*



- Additional details on the effect of current market conditions on the sale of recyclables can be found in the *Solid Waste Management First Round Responses Q.44*.
- In FY 2023, funding for two (2) additional Recycling Inspection staff is being proposed to ensure a reasonable rate of enforcement of the County's approximately 70,000 businesses, 481 multi-family facilities, and 365 multi-family properties.

Capital Improvement Program (CIP) – Resource Recovery Park (#5.54.0004)

FY 2023 Proposed Expenditure and Funding Source(s): \$-0-

Councilmanic: District 6

Project Class/Status: New Construction/Design Stage

This project includes a system for waste diversion within the County in accordance with the Resource Recovery Master Plan, Zero Waste Plan and the Comprehensive 10 Year Solid Waste Plan. Funding supports the North County Convenience Center and the Missouri Ave Convenience Center renovations.

- Although there was no approved funding for this project in FY 2022, the Department is reporting that it expects to spend \$800K this fiscal year.
- No significant highlights for this project is available to report.

Capital Improvement Program (CIP) – Sandy Hill Sanitary Landfill (#5.54.0003)

FY 2023 Proposed Expenditure and Funding Source(s): \$700K/Revenue Bonds (100.0%)

Councilmanic: District 4

Project Class/Status: Addition/Under Construction

This project provides funding for construction infrastructure work at Sandy Hill Landfill required by the Maryland Department of the Environment (MDE) 2011 Consent Order and other necessary projects associated with earthen and geosynthetic cap repairs, replacement of nonperforming gas wells and extraction components, groundwater cut off wall, repair of the leachate conveyance system, and stormwater structures.

- FY 2023 funding provides for the design, permitting and construction of various projects including stormwater management structures, ground water wells, the leachate conveyance and storage system, perimeter road and facility maintenance repairs.
- Prior year funding supported north and west slope and perimeter cap repairs, and groundwater management. This also includes design needs for post-closure care to include replacement of several landfill gas and groundwater monitoring wells.

- **Ten (10) Year Solid Waste Management Plan.** The 2020-2029 Ten Year Solid Waste Management Plan (TYSWMP) was adopted by the Prince George's County Council on October 27, 2020 and subsequently approved by the Maryland Department of the Environment (MDE) on January 13, 2021. The Resource Recovery Division (RRD) will provide a progress report to the Maryland Department of the Environment on or before October 27, 2022. The next update cycle is in 2024 for the period 2024 - 2033.
- Through February 2022, the RRD received 35,417 Service Requests (SR) via 3-1-1 (CSR Motorola System). Of these SRs, the most common issues were for missed trash, recycling, yard, and bulky pickups, inspections, and follow-ups (26,620/75%).
- Information Technology funding of \$13,400 is proposed in FY 2023 for two-way radio replacement, iPads for recycling inspectors and updated adobe licenses.

Budget Comparison - Stormwater Management Enterprise Fund (Stormwater)

The Department of the Environment's Storm Water Management Division (SMD) and Sustainability Division (SD) carry out **Municipal Separate Storm Sewer System (MS4)** permit water quality regulations.

SMD focuses on flood mitigation through planning, design, construction, permitting of remedial flood and drainage improvement projects.

SD focuses on sustainable services and with the *MS4* and *Watershed Implementation Plan (WIP)* requirements facing the County by providing research, outreach, and tracking of sustainability efforts for the agency.

Approved Fiscal Year 2022 to Proposed Fiscal Year 2023 (Stormwater)

Category	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	FY 2023 Proposed	\$ Change	% Change
Compensation	\$ 5,404,048	\$ 5,675,500	\$ 5,141,800	\$ 5,832,000	\$ 156,500	2.8%
Fringe Benefits	5,083,386	2,996,700	2,761,900	3,877,400	880,700	29.4%
Operating Expenses	38,863,527	66,346,700	46,770,000	64,913,900	(1,432,800)	-2.2%
Capital Outlay	67,151	126,200	157,600	245,000	118,800	94.1%
Sub-Total	\$ 49,418,112	\$ 75,145,100	\$ 54,831,300	\$ 74,868,300	\$ (276,800)	-0.4%
Recoveries	(3,049,500)	(3,623,000)	(3,623,000)	-	3,623,000	-100.0%
Total	\$ 46,368,612	\$ 71,522,100	\$ 51,208,300	\$ 74,868,300	\$ 3,346,200	4.7%

Authorized Staffing Count

	FY 2022 Approved	FY 2023 Proposed	Change Amount	Percentage Change
Full-Time	61	61	0	0.0%
Total	61	61	0	0.0%

Staffing and Compensation (Stormwater)

- In FY 2023, proposed compensation is approximately \$5.8 million, which represents an increase of \$156,500, or 2.8%, over the FY 2022 budgeted level, primarily due to the annualization of prior year salary adjustment and an increase in budgeted attrition.
- The Proposed FY 2023 compensation includes funding for all 61 full-time positions, with the staffing level remaining unchanged from the FY 2022 Approved Budget level.
- As of March 4, 2022, the Department reported a total of 12 vacancies. These positions are in various stages of the hiring process. A listing of the vacant positions is shown on *Attachments 1 and 2* of the Department's response to *First Round Budget Review Q.1 & Q.8*.
- The Stormwater Division has difficulty filling mid-level and senior level Engineer (e.g., Engineer III and Engineer IV) positions, who are mission critical. Difficulties are due to finding qualified candidates and meeting salary requests. Efforts being made to fill these positions include on-line advertisement of positions on professional/skilled trade organization websites and contact with local colleges/universities in the Washington Metropolitan region.

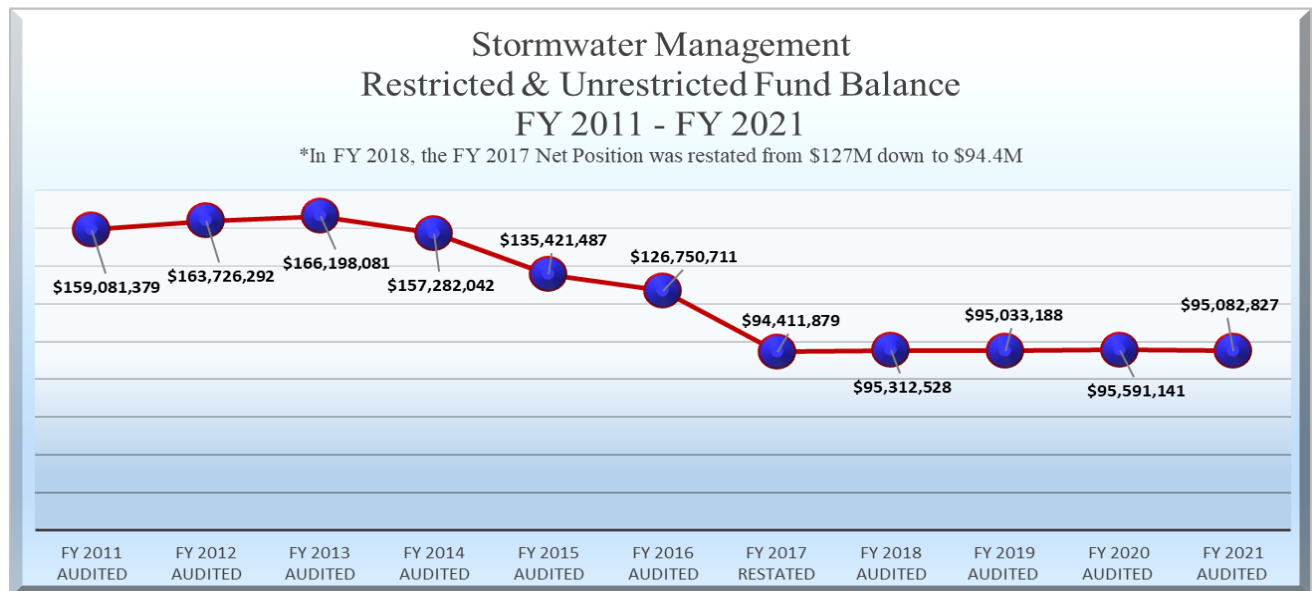
- In the Sustainability Division, engineers and planners are the projected hires for mission critical jobs in FY 2022 - FY 2025 under the Stormwater Fund. The Department has encountered issues in the hiring of engineers largely related to finding professionals with the necessary skill set and experience to manage County programs as well as lead and perform flood studies. Current vacant critical classifications (working to fill in FY 2022): Planner II/III, Construction Standards, Engineer Tech IV, and Engineer III.
- The Department reported that its current rate of attrition is 4% in FY 2022 YTD, and cites the key factors contributing to the current attrition level is retirement.

Fringe Benefits (Stormwater)

- Fringe Benefit expenditures in FY 2023 are proposed to increase by \$880,700, or 29.4%, to reflect anticipated costs, and include \$2.2 million for other post-employment benefit (OPEB) costs.

Fund Balance (Stormwater)

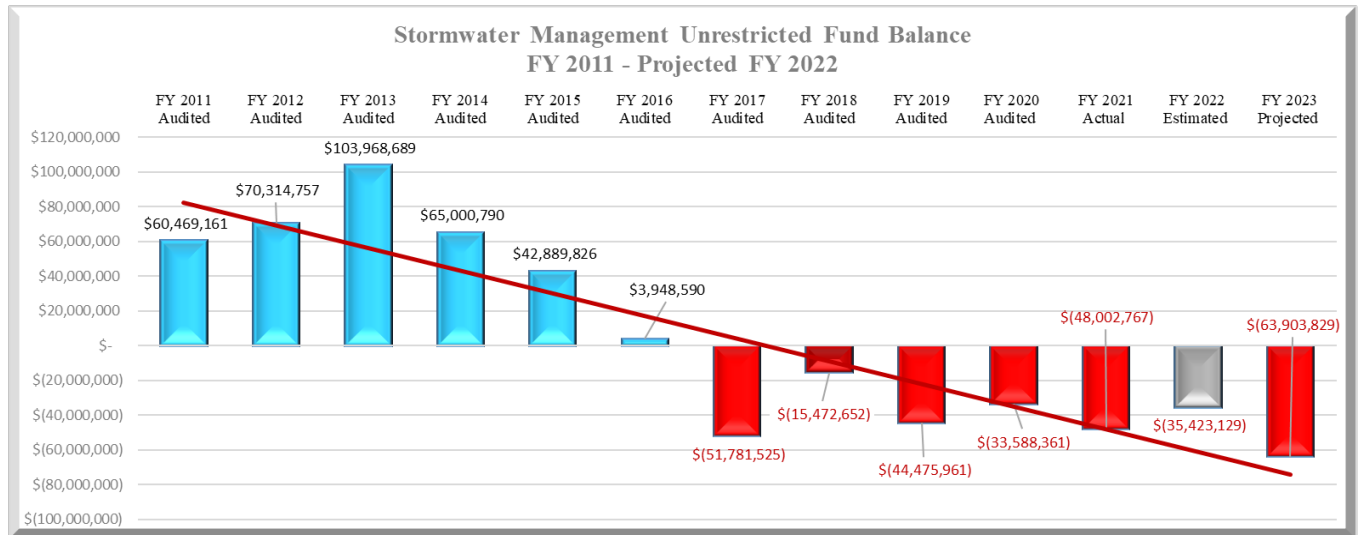
- The overall net position of the Stormwater Management Enterprise Fund (which includes both **restricted and unrestricted** assets) has dropped by approximately \$64 million since FY 2011, to approximately \$95.1 million at the end of FY 2021. Since FY 2011, the largest year over year decrease was seen from FY 2016 – FY 2017, with a \$32.3 million decrease (as restated in FY 2018). Since FY 2017 the fund balance has remained relatively stable. *See chart below.*



Source: Prior Years (FY 2011-2020 CAFRs) (FY 2021 ACFR)

- The FY 2018 audited Financial Statements indicated that an accounting change resulted in the restatement of the County's Fiscal Year 2017 government-wide and proprietary fund financial statements with respect to the reporting of Other Post-Employment Benefits (OPEB). As a result of the restatement in FY 2018, there is a prior period adjustment of approximately \$32.6 million to the fund balance for the Stormwater Fund, resulting in the Restated Net Position as of June 30, 2017, to be approximately \$94.4 million, instead of the previously reported a fund balance of approximately \$127 million.

- According to the audited financial statements for FY 2021, the **unrestricted** fund balance deficit for the Stormwater Enterprise Fund is approximately -\$48.0 million. OMB is estimating the FY 2022 **unrestricted** fund balance deficit will be approximately -\$35.4 million. The Proposed FY 2023 ending **unrestricted** fund balance is being projected to be the largest deficit since FY 2011 at approximately -\$63.9 million. *See chart below.*



- Since FY 2011 the Fund's unrestricted balance has decreased by approximately -\$124.4 million. This fund continues to be impacted by Interagency Charges which include Stormwater mandates for County compliance. In addition, increasing Principal and Interest (Debt Service) payments are also driving long-term imbalances between expenses and revenues.
- The Administration is currently in discussions around needed fee increases and have begun to address increases in expenditures and stormwater mandates as potential measures to address any structural deficits.
- The Proposed FY 2023 Budget includes the use of approximately \$28.5 million in fund balance, or 2.5% increase, over the FY 2022 approved amount, to cover anticipated expenditures.
- In FY 2023, the Department is proposing the transfer of approximately \$3.6 million of Water Quality funds to the Stormwater fund to cover expenditures.

Revenues (Stormwater)

- In FY 2023, the proposed revenue sources for the Stormwater fund are increasing to approximately \$63.8 million, which is approximately \$3.8 million, or 6.3%, over the current year's level, excluding the use of fund balance and the transfer of funds from the Water Quality Fund. Please see *Table on the following page* which provides a breakdown of the Fund's revenues.
- Excluding the use of fund balance and transfers from the Water Quality Fund, the Fund's proposed revenues in FY 2023 are expected to increase in seven (7) categories and decrease in four (4) categories, with two (2) categories remaining unchanged from the FY 2022 approved levels. In FY 2023, the largest projected increases in revenues are anticipated for Property Taxes (~\$2.7 million), Permits (\$1.0 million), and Stormwater Fee-in-Lieu (\$265,800).

Stormwater Revenues	FY 2021	FY 2022	FY 2022	FY 2023	FY 2022-2023	
	Actual	Budget	Estimated	Proposed	Change \$	Change %
Categories						
Property Taxes	\$53,489,997	\$52,282,900	\$53,500,000	\$55,000,000	\$2,717,100	5.2%
Permits	3,221,865	2,000,000	3,000,000	3,000,000	1,000,000	50.0%
Stormwater Fee-in-Lieu	1,788,387	913,000	1,178,800	1,178,800	265,800	29.1%
Water & Sewer Fees	339,553	113,200	216,700	216,700	103,500	91.4%
Grading Permits	2,244,940	1,913,300	1,972,600	2,000,000	86,700	4.5%
Cell Towers	391,356	325,000	353,700	376,100	51,100	15.7%
Pond Fees	166,972	89,300	106,200	106,200	16,900	18.9%
Soil Conservation	236,300	236,300	236,300	236,300	—	0.0%
Interest Income	74,375	1,550,100	1,550,100	1,550,100	—	0.0%
GIS Floodplan Service	34,171	53,200	48,200	48,200	(5,000)	-9.4%
Tree Preservation	120,876	140,000	100,000	100,000	(40,000)	-28.6%
Reforestation Fee/Lieu	121	46,000	5,000	5,000	(41,000)	-89.1%
Federal/State Grant Revenue	—	400,000	—	—	(400,000)	-100.0%
Subtotal	\$62,108,913	60,062,300	\$62,267,600	\$63,817,400	3,755,100	6.3%
Miscellaneous	7,914	5,000	5,000	5,000	—	0.0%
Appropriated Fund Balance	—	27,788,500	—	28,480,700	692,200	2.5%
Transfers in from the Water Quality Fund	3,624,700	3,624,500	3,624,500	3,623,700	(800)	0.0%
Total Revenues	\$65,741,527	\$91,480,300	\$65,897,100	\$95,926,800	\$4,446,500	4.9%

- In FY 2023, the largest projected decreases in revenues from the FY 2022 approved levels are anticipated for Federal/State Grant Revenue (-\$400,000), and Reforestation Fee/Lieu (-\$41,000).

Operating Expenses (Stormwater)

- Funding is provided to cover debt service costs as well as contracts to support the implementation of the County's Climate Action Plan, beautification and litter removal efforts.
- In FY 2023, Stormwater Management operating expenses (*see table on the following page*) are proposed at approximately \$64.9 million, and are composed of the following major items:

Interagency Charges	\$ 23.2 million
Principal	~17.3 million
Interest	~12.3 million
General & Administrative Contracts	~6.4 million
Depreciation	~4.5 million

- Overall, FY 2023 Proposed Operating Expenses are decreasing by approximately \$1.4 million, or 2.2%, under the FY 2022 approved level, primarily due to the elimination of a one-time transfer to the Capital Improvement Program (CIP).
- The *table on the following page* compares the FY 2023 Proposed Budget operating expenditures with the FY 2022 Approved Budget. In seven (7) of the categories, the FY 2023 Proposed Budget increases planned spending from the FY 2022 Approved Budget. FY 2023 proposed expenditures decrease in two (2) categories and remain unchanged for seven (7) categories. Two (2) categories are presented for historical reference only.

Stormwater Fund Operating Objects	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	FY 2023 Proposed	FY 2022 - FY 2023	
					\$ Change	% Change
Principal	\$ -	\$ 15,984,500	\$ -	\$ 17,321,700	\$ 1,337,200	8.4%
General & Administrative Contracts	4,391,403	5,779,700	\$5,929,500	6,358,900	579,200	10.0%
Interest	11,814,062	11,836,100	12,533,900	12,293,400	457,300	3.9%
Office Automation	388,718	559,700	564,500	963,600	403,900	72.2%
Interagency Charges	22,042,766	23,044,900	23,044,900	23,185,400	140,500	0.6%
Vehicle Equipment Repair/Maintenance	40,900	40,900	40,900	58,800	17,900	43.8%
Membership Fees	122,284	128,500	131,000	144,100	15,600	12.1%
Depreciation	-	4,460,000	-	4,460,000	-	0.0%
Telephone	41,864	46,200	46,200	46,200	-	0.0%
Operating Supplies	13,249	30,000	30,000	30,000	-	0.0%
Equipment Lease	4,148	13,000	13,000	13,000	-	0.0%
Printing	637	4,000	16,000	4,000	-	0.0%
Advertising	-	1,000	1,000	1,000	-	0.0%
Mileage Reimbursement	-	200	200	200	-	0.0%
Office and Operating Equipment Non-Capital	625	-	-	-	-	N/A
Miscellaneous	1,131	-	-	-	-	N/A
Grants/Contributions	-	400,000	400,000	-	(400,000)	-100.0%
Transfers Out	-	4,000,000	4,000,000	-	(4,000,000)	-100.0%
TOTAL	\$ 38,863,527	\$ 66,346,700	\$ 46,770,000	\$ 64,913,900	\$ (1,432,800)	-2.2%

Source: Stormwater - FY 2023 First Round Budget Response Q.16, Attachment 3

Capital Outlay (Stormwater)

- Funding of \$245,000 is proposed in FY 2023 primarily due to an increase in costs for the purchase and installation of dual solar trash and recycling stations in the district.

Recoveries (Stormwater)

- Recoveries are decreasing by 100% under the FY 2022 budget due to the elimination of Stormwater Fund employee compensation and fringe benefit recoveries from the CIP.

Stormwater Management Division (SMD) Highlights

- Implementation Plan Phase three (WIP III) continues to drive programs and operations. The County was issued its 4th generation NPDES/MS4 permit from MDE effective January 2, 2014, through January 2, 2019.
 - The permit has been in Administrative Extension since that time (January 2019).
 - The County has signed a consent decree with Maryland Department of the Environment (MDE) on May 14, 2021, as well as to satisfy noted conditions of non-compliance of the NPDES/MS4 2014 permit. Conditions of the consent order are to be satisfied by December 31, 2024, to include the completion of 6,105 impervious surface acres, as well as other mandated and/or critical performance metrics.
 - The County is mandated to improve water quality conditions through certain corrective measures and conduct programs as outlined in this permit. The Department remains tasked to address over 6,105 acres of untreated impervious area, as well as multiple supporting clean water programs. These operations will be funded through both the Stormwater and Water Quality funds.

- ✚ As of June 30, 2021, the County has treated 4,177.07 acres, or 68% of the targeted 6,105 acres required in the current permit term. As of FY 2021 the County must complete 1,928 acres to meet the terms under the consent decree.

As of June 30, 2021

Restoration Programs	Impervious Acres Credit (acres)
Clean Water Partnership	2,811.07
DoE CIP	932
DPWT	14
Other BMPs through various Program	205
Operational Programs so we use Average for 8 years	215
Total	4,177.07

- The Department has experienced the following challenges in FY 2022 in responding to the Federal and State regulations associated with the NPDES/MS4 permit and WIP III mandates:
 - ✚ Property owner agreements are required to enable restoration on private property.
 - ✚ Public property availability is limited to existing untreated rights-of-way.
- Other SMD program initiatives include:
 - ✚ **Capital Improvement Projects (CIP) for drainage infrastructure improvements** utilizing funding under the "Flood Protection and Drainage Improvement Project" and the "Calvert Hills Project". This program consists of flood protection and drainage relief projects that will address surface run-off causing home flooding, alleviate road flooding and correct residential yard drainage deficiencies. Also included are municipal participation and storm drain acceptance projects.
 - ✚ **The Clean Water Partnership/Public Private Partnership (CWP/P3).** The vendor is required to develop and implement innovative water quality BMP's, technology, operation, and installation methods to generate efficient and systematic production of standard projects.
 - The CWP had an initial objective to provide 2,000 acres of impervious area treatment by March 2018.
 - On November 14, 2018, the expanded program area for CWP was executed, providing for an additional 2,000 acres during the next three (3) years of stormwater restoration. The County was able to secure an additional \$65 million in State revolving loan funds with the introduction of an escrow agent method of payment.
 - On July 1, 2021, the County added a second expanded program area that includes 1,475 additional impervious surface acres (ISR) over three (3) years in an amount not to exceed \$128 million. The County is in the process of securing these additional funds from the State Revolving Loan Fund (SRF).
 - ✚ **Supporting Programs**
 - Rain Check Program and Stormwater Stewardship Grants. This program incentivizes the installation of smaller scale BMPs, educational outreach programs and good housekeeping practices targeted at achieving water quality benefits, and program results are included with the annual accounting to MDE of impervious area treatments.
 - Significant gains in the rain check rebate program performance in the FY 2022 reporting year: 81 BMPs installed, \$41,885 in rebates awarded through third quarter of FY 2022 and 0.44 impervious acre restoration. Rain Check Rebate Program will continue into FY 2023.

- Stormwater Stewardship Grants. Provides grant opportunities to non-profit organizations for construction of water quality restoration projects, and water quality related public education and outreach campaigns. The Department has awarded \$585,000 in grants to eleven (11) recipients in FY 2022, and \$6.965 million to 89 recipients since its inception. DoE will continue the Stormwater stewardship grant program in FY 2023.
- Clean Water Act Fees established the County's Watershed protection and restoration fund and fee assessments are developed for all properties within the County.
- MDE issued a tentative determination on the County's next (fifth) generation NPDES/MS4 permit on December 15, 2021, and it is anticipated that MDE will issue a final determination by the end of 2022.
 - ✚ The new permit imposes additional compliance and performance metrics for multiple Agencies above and beyond the existing permit conditions. These additional performance metrics will impact County operations and resources.
- The Department anticipates increases in production and performance in the operating and CIP engineering and construction contracts resulting from increases in performance metrics related to the NPDES/MS4 permit mandates and expected increases in production with the Climate Action Plan.
 - ✚ While Delegated Procurement authority exists for SMD, due to the low ceiling limitations of \$25K award, this is not an effective procurement vehicle for SMD's large construction projects.

Sustainability Division (SD) Highlights

- The Sustainability Division is impacted by COVID-19 restrictions as follows:
 - ✚ The number of trees planted and the number of tons of litter collected reflect low participation levels in tree planting projects and volunteer cleanups. Social distancing restrictions and school closures severely limited staff interaction with community groups, municipalities, schools, and other entities which regularly participate in Arbor Day EveryDay, Tree Releaf and Volunteer Cleanup programs.
 - ✚ Comprehensive Community Cleanup was postponed in Fall 2021 but has resumed in Spring 2022.
- Climate Action Plan - delivered a Draft Climate Action Plan to the County Council and County Executive's Office on January 14, in advance of the established deadline.
- Electric Vehicle Community-wide plan currently under development with MWCOG to be completed by June 30, 2022.
- Continued partnerships with municipalities to upgrade failing or otherwise sub-standard storm drain systems to alleviate flooding issues through the MSDAP and to expand tree canopy in urban areas which are most vulnerable to heat island impacts and flooding from stormwater runoff.
- The Department has provided an accounting for the woodland conservation fee-in-lieu money that is received and how the money has been spent since FY 2015.
 - ✚ The balance of funds in the Woodland Conservation Fund (Center #1540195100 (~\$1.95 million) and Center #1540205100 (~\$2.1 million) as of the end of FY 2021.)
 - ✚ FY 2021 expenses for this fund is \$323.42 for the planting of 116 trees.

- ✚ As of March 15, 2022, DoE-SD's total FY 2022 expenditures from this fund is \$9,000 for reimbursement to the City of Hyattsville for expenses incurred in the city's FY '21 Tree Re LEAF project, in addition to ~\$26,700 for the preparation of supplementary material in support of the Draft Climate Action Plan (CAP).
 - ✚ County-wide Forest and Tree Canopy Study underway in support of the Draft CAP; Anticipated additional draw from the Woodland Conservation fund is approximately \$52,000 by June 30, 2022.
- Proposed FY 2023 IT funding is \$524,500, for various initiatives and will primarily be used for Phase Three of the Esri Project, that will support the County's mandates and compliance with its NPDES permit and Consent Decree (\$500,000).

Budget Comparison - Local Watershed Protection & Restoration Fund (Water Quality)

Effective July 1, 2013, the County established a Watershed Protection and Restoration (WPR) Program, in accordance with the provisions of House Bill (HB) 987. Through the establishment of a storm water remediation fee, the County will be able to meet its long term regulatory WIP II and NPDES State and federal mandates for water quality improvement through restoration. This Fund, also known as the Water Quality Fund, supports the requirements to meet federal mandates for impervious area restoration through retrofit, stormwater controls and mandated rebate programs intended to improve water quality in the Chesapeake Bay.

Approved Fiscal Year 2022 to Proposed Fiscal Year 2023 (Water Quality)

Category	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	FY 2023 Proposed	\$ Change	% Change
Compensation	\$ 872,066	\$ 1,020,400	\$ 897,600	\$ 1,132,100	\$ 111,700	10.9%
Fringe Benefits	272,206	306,100	280,000	382,800	76,700	25.1%
Operating Expenses	11,481,467	19,889,100	13,699,400	19,093,500	(795,600)	-4.0%
Total	\$ 12,625,739	\$ 21,215,600	\$ 14,877,000	\$ 20,608,400	\$ (607,200)	-2.9%

Staffing and Compensation (Water Quality)

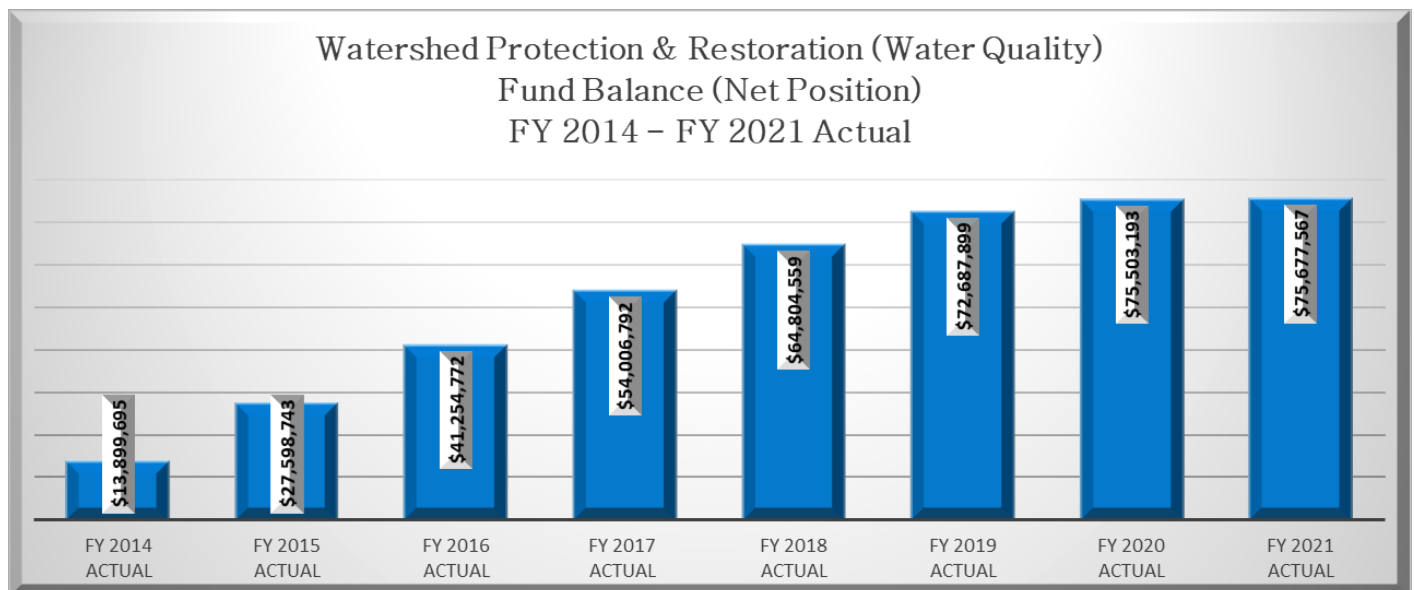
- The proposed FY 2023 compensation totals approximately \$1.1 million, an increase of \$111,700, or 10.9%, over the FY 2022 approved budget amount, primarily due to the annualization of FY 2022 salary adjustments. The funding level provided is for ten (10) full-time positions and remains unchanged from the FY 2022 approved budget level.
- In FY 2023, the Department currently has three (3) funded vacancies for Engineer III positions, which it is currently working to fill in FY 2022. The Department has difficulty filling mid-level and senior level Engineer (e.g., Engineer III and Engineer IV) positions. Difficulties exist in finding qualified candidates and meeting salary requests.
- The overtime listed in FY 2022 (\$2,107) was miscoded to DoE's Water Quality Fund for employees that worked in response to recent snow events. The Department is currently working with the Department of Public Works and Transportation (DPW&T) to correct.

Fringe Benefits (Water Quality)

- Fringe benefit expenditures in FY 2023 are proposed to increase by \$76,700, or 25.1%, to align with projected costs.

Fund Balance (Water Quality)

- The Water Quality fund balance (net position) as of June 30, 2021, is approximately \$75.7 million and has remained relatively stable in the last few years. (*See chart below*)



Sources: CAFRs (FY2014-20), ACFR (FY2021) & First Round Response Q.32

- The Unrestricted portion of the fund had a negative fund balance of approximately \$42.4 million as of June 30, 2021. The Unrestricted portion of the fund is estimated to have a negative fund balance of approximately \$37.9 million at the end of FY 2022 and is projected to decrease to approximately -\$42.9 million in FY 2023.
- According to the FY 2021 audited financial statements, approximately \$118.1 million of the FY 2021 fund balance is designated for investment in capital assets.
- In FY 2023, there is a proposed transfer of approximately \$3.6 million to the Stormwater Management Fund.

Revenues and Use of Fund Balance (Water Quality)

- Clean Water Act Fees – Consist of an assessed fee for all properties within the County. Property parcels are subject to an annual administrative flat fee of \$20.58. Impact fees are based on \$20.90/ESU; 1 ESU = 2,465 square feet of impervious surface.
- While there were no changes in taxes/fees which took place in FY 2022. The Department is reporting that discussions are currently underway regarding revenue changes as part of a long-range analysis of expenditures to address mandated requirements and allocated funding.

- FY 2022 revenues are estimated to be approximately \$15.7 million, which is slightly higher than the FY 2021 actual revenues of approximately \$15.0 million. (See *table below*).

Category	FY 2021	FY 2022	FY 2022	FY 2023	FY 2022-2023	
	Actual	Budget	Estimated	Proposed	Change \$	Change %
REVENUES - LOCAL WATERSHED PROTECTION AND RESTORATION (Water Quality) FUND						
Clean Water Act Fees	\$14,625,862	\$14,645,300	\$14,663,500	\$14,669,000	\$23,700	0.2%
Interest	285,745	1,735,800	1,000,700	991,700	(744,100)	-42.9%
Miscellaneous	120,138	—	—	—		
Appropriated Fund Balance	—	4,834,500	—	4,947,700	113,200	2.3%
Transfers in	—	—	—	—	—	0.0%
Total Revenues	\$15,031,745	\$21,215,600	\$15,664,200	\$20,608,400	(\$607,200)	-2.9%

- The Proposed FY 2023 revenues for the Clean Water Act Fund are decreasing by \$607,200, or 2.9%, under the FY 2022 Approved Budget level to approximately \$20.6 million, primarily due to a reduction in interest income of \$744,100.
- In FY 2022, the Department does not anticipate utilizing the approved budgeted amount of approximately \$4.8 million of fund balance to cover expenses. The Department is proposing the use of approximately \$4.9 million of fund balance to cover expenses in FY 2023.

Operating Expenses (Water Quality)

- The accompanying *table below* compares the FY 2023 Proposed Budget operating expenditures with the FY 2022 Approved Budget operating expenditures. In one (1) of the categories, the FY 2023 Proposed Budget increases planned spending from the FY 2022 Approved Budget, and proposed expenditures remain unchanged for two (2) categories and decreases for three (3) categories. One (1) category is presented for historical reference only.

Water Quality Operating Objects	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	FY 2023 Proposed	FY 2021 - FY 2022	
					\$ Change	% Change
Operating Contracts	\$ 7,423,771	\$ 9,256,800	\$ 9,256,800	\$ 12,736,500	3,479,700	37.6%
General & Administrative Contracts	85,739	217,500	217,500	217,500	-	0.0%
Grants/Contributions	113,163	245,000	245,000	245,000	-	0.0%
Miscellaneous	3,464	-	-	-	-	N/A
Transfers Out	3,624,700	3,624,700	3,624,700	3,623,700	(1,000)	0.0%
Interest	230,630	2,023,700	355,400	834,400	(1,189,300)	-58.8%
Principal	-	4,521,400	-	1,436,400	(3,085,000)	-68.2%
TOTAL	\$ 11,481,467	\$19,889,100	\$ 13,699,400	\$ 19,093,500	\$ (795,600)	-4.0%

- In FY 2023, Water Quality operating expenses are proposed at approximately \$19.1 million, and are comprised of the following major items:
 - Operating Contracts (~\$12.7 million) - Chesapeake Bay Trust administers the County's Retrofit Rebate Program and serves as a pass-through of funds for the Stewardship Grant Program to municipalities.
 - Enabling legislation requires the County to expend at least \$3 million annually toward these water quality retrofit programs.

- Increases are due to bringing the Stewardship Grant program in line with legislative mandate, and increases in Clean Water Partnership operational expenses.
 - Transfers Out (~\$3.6 million) - Annual transfer to Stormwater Fund (through FY 2038) to pay debt service for Phase I of the Clean Water Partnership, which was paid for using Stormwater Bonds
 - Principal & Interest (~\$1.4 million and ~\$800,000) - Correction to Principal payment based on enacted State Revolving Loan Fund legislation.
 - Grants and Contributions (\$245,000) - Retrofit Rebate or "Rain Check Rebate" Program.
 - General and Administrative Contracts (\$217,500) - Fiscal Agent fee for administering State Revolving Loan Fund transactions.
- See below for a complete list of the Operating Contracts. The largest operating contracts in FY 2023 are proposed for Zions Bancorporation (~\$9.5 million), an increase of ~\$1.5 million over the FY 2022 Approved amount and Chesapeake Bay Trust (~\$2.9 million), an increase of \$1.93 million over the FY 2022 Approved amount.

Vendor/Contractor Name	Summary of Contract Services	FY 2021	FY 2022		FY 2023	
		FY 2021 Actual	FY 2022 Approved Budget	FY 2022 Actual/ Estimated Contract Amount	FY 2023 Proposed Contract Amount	\$ Change FY 22 Approved to FY 23 Proposed
Zions Bancorporation	CLEAN WATER PARTNERSHIP FY22 MASTER MAINTENANCE AGREEMENT (MMA) OPERATIONS & MAINTENANCE (O&M) PROGRAM	3,494,044	4,072,100	4,072,100	5,425,900	1,353,800
Zions Bancorporation	CLEAN WATER PARTNERSHIP FY22 MASTER PROGRAM AGREEMENT (MPA) SOCIAL & ECONOMIC DEVELOPMENT (SED)	3,098,492	3,863,200	3,863,200	4,058,600	195,400
Zions Bancorporation	Zions Bancorporation Escrow Services	1,500	1,500	1,500	2,000	500
	Subtotal:Zions Bancorporation	6,594,036	7,936,800	7,936,800	9,486,500	1,549,700
Chesapeake Bay Trust	This line item for the Stewardship Grant Program supports restoration programs for the Phase II Municipal NPDES permit (27 municipalities). The Chesapeake Bay Trust serves as a pass-through organization for these funds.	475,429	730,000	730,000	2,660,000	1,930,000
Chesapeake Bay Trust	Administration of the County's Stewardship Grant program and raincheck rebate program. Includes Program Administration costs, processing rebates, and grant awards.	240,000	240,000	240,000	240,000	-
	Subtotal: Chesapeake Bay Trust	715,429	970,000	970,000	2,900,000	1,930,000
Tetra Tech Inc	Clean Water Act Fees Support	114,307	350,000	350,000	350,000	-
Mckennon Shelton & Henn Llp	Finance fee for fiscal oversight of fund	\$ 85,739	\$ 217,500	\$ 217,500	\$ 217,500	-
Total		\$ 7,509,510	\$ 9,474,300	\$ 9,474,300	\$ 12,954,000	\$ 3,479,700

Highlights (Water Quality)

- Through the Water Quality and Stormwater Management Funds, the Agency continues to work towards meeting the impervious restoration and pollutant reduction goals of the NPDES/MS4 & WIP III mandates through the combined operations of the conventional CIP Tract and the Clean Water Partnership.
- Details related to the Water Quality funded programs and initiatives were previously discussed in the Stormwater Management Section of this report. See the Department's *First Round Responses Q.22-24*.

- The most critical issues or decisions that the Department faces or will face over the next three years (FY 2023 - FY 2025) as it relates to Water Quality funded activities include:
 - ✚ Challenges posed by the increased responsibilities under the new NPDES Fifth generation permit include the need to address flooding concerns that do not always result in IPR credits towards the regulatory requirements.
 - ✚ The costs of these projects are increasing due to current economic trends and due to the number and complexity of the project available to meet regulatory requirements.
 - ✚ These regulatory requirements are often in opposition to the County's development priorities; however, the long-term County investment is beneficial to the County's business portfolio.
 - ✚ The need to find ways to ensure equity in the County's portfolio - and those projects that serve those in lower income, higher density areas are more expensive, more complex and need more easements/permissions, because those areas suffer the most from historic under-investment in key infrastructure.
 - ✚ The current funding structure is insufficient to meet current and future needs, it is challenged to fund even baseline compliance, let alone fund projects that have the greatest benefit outside of a spreadsheet.
 - ✚ There also needs to be a cultural shift, to have residents and businesses offer easements for the good of their community without such a great effort from the County.
- Water Quality activities will be impacted by several critical areas of concern moving forward. While the mandated milestones for Water Quality will continue, the program will also examine and address additional areas of concern. The following are some critical areas of concern to be addressed:
 - ✚ Climate resiliency
 - ✚ Environmental justice
 - ✚ Flood mitigation
 - ✚ Environmental uplift
 - ✚ Economic development
 - ✚ The County's next (fifth) generation NPDES/MS4 permit imposes additional compliance and performance metrics for multiple Agencies above and beyond the existing permit conditions (expected by year end of 2022). These additional performance metrics will impact County operations and resources.
- There was a total of five (5) calls that were related to water quality activities using 3-1-1. Generally, these calls come from people who are inquiring about work in progress.

Budget Comparison – General Fund

Approved Fiscal Year 2022 to Proposed Fiscal Year 2023 – General Fund

Category	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	FY 2023 Proposed	\$ Change	% Change
Compensation	\$ 6,509,451	\$ 6,719,000	\$ 5,996,300	\$ 7,224,600	\$ 505,600	7.5%
Fringe Benefits	2,502,007	2,519,500	2,302,400	2,984,900	465,400	18.5%
Operating Expenses	1,372,117	1,504,200	1,480,200	1,655,300	151,100	10.0%
Capital Outlay	10,911	-	-	-	-	N/A
Sub-Total	\$ 10,394,486	\$ 10,742,700	\$ 9,778,900	\$ 11,864,800	\$ 1,122,100	10.4%
Recoveries	(6,155,858)	(5,408,700)	(4,942,400)	(5,152,100)	\$ 256,600	-4.7%
Total	\$ 4,238,628	\$ 5,334,000	\$ 4,836,500	\$ 6,712,700	\$ 1,378,700	25.8%

Authorized Staffing Count – General Fund

	FY 2022 Approved	FY 2023 Proposed	Change Amount	Percentage Change
Full-Time	114	115	1	0.9%
Part-Time	0	0	0	0.0%
Total	114	115	1	0.9%

Staffing and Compensation– General Fund

- In FY 2023, proposed compensation expenditures increase by \$505,600, or 7.5%, over the FY 2022 approved level, primarily due to the annualization of FY 2022 merit increases, the addition of one (1) new Deputy Director position, and a reduction in budgeted attrition.
- Compensation costs includes funding for 113 out of 115 full time positions.
- As of March 4, 2022, the Department reported 25 vacant General Fund positions, with three (3) Animal Services Division (ASD) positions being on hold (need of ePRB). ASD has several hard-to-fill positions that include vacant Animal Control Officers (ACOs). Mission critical positions projected to be filled are three (3) Animal Control Officers, one (1) Placement Supervisor Position, one (1) Communications Section Supervisor, two (2) Customer Service Representatives and two (2) Animal Care Attendants. Efforts to fill these positions include utilizing avenues outside of the County provided resource such as Indeed, Humane Society of the United States, National Animal Control Association and American Society for the Prevention of Cruelty to Animals.
- The Proposed FY 2023 compensation includes \$50,000 budgeted for overtime/compensatory time expenditures, with Projected FY 2022 overtime being \$105,000. Staff shortages have caused an increase in overtime. The high number of vacancies, along with a high turnover rate with animal caretaker positions have required the Division to utilize overtime to provide the services needed to care for the animals.
- In FY 2022, the Department has two (2) general funded positions assigned to the County Executive’s Office, an Administrative Assistant IV (since 2019), and an Administrative Specialist II (since 2020). Both of these assignments are likely to continue in FY 2023.
- The General Fund attrition rate is 21.9% in FY 2022 (YTD), with 25 resignations, retirements, and terminations.
 - Resignations are attributed to better employment opportunities, due mostly to increases in salaries, with Animal Care Attendants (Grade 13) being the most affected by attrition.
 - Attrition due to a significant number of retirements in 2022 YTD and resignations have put additional strain on the remaining staff while the agency is waiting to backfill positions.
- As it relates to hiring:
 - Lengthy hiring times continue to be experienced periodically but remain the exception rather than the norm. The Department continues work on internal improvements to shorten the hiring time.
 - The timeframe for receipt of a determination from OHRM for salary above mid-point appointments and salary above 10% promotion requests continue to be an area of concern.
 - The ability to direct hire Animal Care Attendant positions has continued to be a significant benefit to the Department in filling these positions quickly.

Fringe Benefits – General Fund

- Fringe benefit expenditures in FY 2023 are proposed to increase by \$465,400, or 18.5%, above the FY 2022 approved level, to align with projected costs and changes in compensation.

Operating Expenses – General Fund

- In FY 2023, General Fund operating expenses are proposed at approximately \$1.7 million, and are comprised of the following major items:

✚ Operating Contracts	\$622,200
✚ Office Automation	509,000
✚ General Office Supplies	117,300
✚ Gas and Oil	95,000

- Overall, operating expenses are increasing by \$151,100, or 10.0%, over the FY 2022 approved level. The *table below* compares the FY 2023 Proposed Budget operating expenditures with the FY 2022 Approved Budget operating expenditures. In eight (8) of the categories, the FY 2023 Proposed Budget increases planned spending above the FY 2022 budgeted amount. In five (5) of the categories, the FY 2023 Proposed Budget level remains unchanged compared to the FY 2022 budget. FY 2023 expenditures decrease in two (2) categories, with two (2) categories depicted for historical reference.
- The largest expenditure is Operating Contracts (\$622,200) and represents a \$20,500 decrease between the FY 2023 Proposed Budget and the FY 2022 Approved Budget, as a result of reductions in custodial services.
- The most significant dollar increase between the FY 2023 Proposed Budget and the FY 2022 Approved Budget is for Office Automation (\$106,200 increase), due to an increase in the OIT allocation charge and funding for various agency software and equipment.

Operating Objects General Fund	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	FY 2023 Proposed	FY 2022 - FY 2023	
					\$ Change	% Change
Office Automation	\$468,675	\$402,800	\$406,000	\$509,000	106,200	26.4%
General Office Supplies	60,110	90,000	99,900	117,300	27,300	30.3%
Training	450	13,000	14,500	29,800	16,800	129.2%
General & Administrative Contracts	50,560	55,600	55,600	69,700	14,100	25.4%
Membership Fees	175	700	700	6,600	5,900	842.9%
Vehicle Equipment Repair/Maintenance	74,000	74,000	74,000	76,000	2,000	2.7%
Telephone	68,651	62,600	63,600	63,600	1,000	1.6%
Printing	6,124	5,700	6,200	6,200	500	8.8%
Data-Voice	686	1,500	1,500	1,500	-	0.0%
Advertising	-	1,200	1,200	1,200	-	0.0%
Office and Operating Equipment Non-Capital	168,791	35,500	35,500	35,500	-	0.0%
Gas and Oil	75,543	95,000	95,000	95,000	-	0.0%
Building Repair/Maintenance	8,830	16,500	16,500	16,500	-	0.0%
Other Operating Equipment Maintenance	1,753	-	-	-	-	N/A
Miscellaneous	(4,027)	-	-	-	-	N/A
Equipment Lease	1,104	7,400	5,200	5,200	(2,200)	-29.7%
Operating Contracts	390,692	642,700	604,800	622,200	(20,500)	-3.2%
Total	\$ 1,372,117	\$ 1,504,200	\$ 1,480,200	\$ 1,655,300	\$ 151,100	10.0%

Recoveries – General Fund

- Proposed recoveries for FY 2023 total ~\$5.2 million, a decrease of \$256,600, or 4.7%, under the FY 2022 budget to reflect the removal of Animal Services Division recoveries from the Stormwater Management Fund. Recoveries are made for compensation, fringe and operating expenditures, impacting both the Solid Waste Management and Stormwater Management Enterprise Funds. In FY 2023, the Animal Control Officer (ACO) recovery from the Stormwater Fund has been eliminated, while maintaining the historical recovery rates for the Office of the Director and the Strategic Services Division.

Highlights – General Fund

- The majority of the Agency's General Funding is dedicated to the Animal Services Division (ASD) kennel and adoption operations.
- The Department is reporting the following regarding its Animal Services Division (ASD):
 - One of the major program successes was instituting the adoptions and redemptions appointment system. This new system has allowed the Division to better utilize remaining staff, which has led to an increase in the placement of animals via adoptions, rescue organizations and redemptions.
 - Continued success with the spay today grant program allows the general public to get their pets spayed and neutered for free.
 - Continued partnerships with trap, neuter and return groups to increase the spaying and neutering of feral cats.
 - Partnered with Arlington Animal Welfare League, which allows ASD to refer owners of illegal Pit Bulls in the County to them, and they will take ownership and place the pet.
 - Continued to partner with Best Friends, who are offering assistance in the kennels and has provided the County a grant for spay and neutering of feral cats and equipment.
 - The Animal Commission and Tow Hearings are now conducted virtually due to the pandemic and will continue to operate in that manner.
 - Is responsible for the licensing & permitting of exotic animals, and the facilities in which they are kept. At the time of the escaped zebra incident in 2021, efforts to review administrative regulations, standard operating procedures and forms has already started. The incident highlighted the importance of those efforts. By and large, those who own exotic animals in the County have the appropriate permits and licenses. The owner of the zebras has had prior issues of non-compliance, but this was the first incident since the inception of the new code.
- The Department is reporting the following potential obstacles that could further inhibit FY 2023 planned program performance and operations:
 - Staffing shortages - The Division is currently considering solutions that will hopefully increase retention and foster efficiencies that will increase program progress.
 - Potential budgetary concerns if gas prices do not decrease and the effect on various services such as veterinary, pharmaceuticals and carcass removal.
- ASD had 8,637 Chameleon Service Requests in FY 2022 (YTD), and no data available for 311 at the time of this report. The most common issues reported are for stray animals running at large and requests for the investigation of how animals are being maintained.

- As it relates to the Animal Control Ordinance, the Department is reporting that:
 - ✚ It investigated 1,884 aggravated animal cruelty or neglect cases and have issued three (3) citations. The investigations resulted in 131 impoundments.
 - ✚ The declaration of "potentially dangerous" and "irresponsible owners" is made by the Commission for Animal Control. Currently there are no means of tracking by the ASD to investigate, enforce, and/cite a "potentially dangerous animal," "irresponsible owners," or unlawful restraint of dogs." Cruelty investigations are tracked under cruelty and are not tracked by levels of neglect, and residents have been notified about the law.
- ASD is reporting the following as it relates to donations:
 - ✚ Was able to acquire a donated shed from Ally Cat Allies to store trap neuter release equipment for the trap neuter return program;
 - ✚ Received three (3) additional exercise dog kennels, which were donated from the PGCSPCA;
 - ✚ Maintains wish-lists on the County's website and on Amazon and receive donations from those lists on a regular basis;
 - ✚ Bowie Claw conducted a donation drive for new blankets to the County's ASD benefit;
 - ✚ There were several cash donations from the public in honor of Betty White on her birthday; and
 - ✚ Received donations of items such as a refrigerator that is useful for storing medication and vaccinations.
 - ✚ The public can assist by making cash donations via the County website or donate new items from one of the wish-lists. Prior to the pandemic the public could donate used blankets, towels and sheets; however, Animal Services Division had to pause that method of donation.
- Maryland General Assembly recently passed the following laws related to Animal Services:
 - ✚ Requires all Animal Control Officers to acquire six (6) continuing education credits yearly. Due to various partnerships, this will not require a greater fiscal commitment from the County.
 - ✚ House Bill 22 and Senate Bill 67, makes Maryland the second state in the nation to ban the practice of declawing cats.
 - ✚ HB 1062, establishes procedures for humane societies or law enforcement agencies to recover the costs of caring for animals seized from cruelty or severe neglect.
 - ✚ SB 44 and HB 16, prevents people from leaving a dog outside and unattended for longer than 30 minutes without access to shelter during extreme weather conditions. It provides for civil penalties for any offenses.
 - ✚ SB 381 and HB 52, prohibits the sale of parts and pieces from 15 endangered and imperiled species of wildlife. That legislation stems from a 2021 study from the Humane Society that found items made from ivory for sale at 20 stores in Maryland.
- Proposed FY 2023 IT spending of \$33,200 for various hardware and licensing for software.
- FY 2022 planned Certification of Participation (COP) spending for three (3) Animal Management vans and two (2) Hybrid SUV's for ASD total \$272,000.

Capital Improvement Program (CIP) – North County Animal Shelter (#3.54.0002)

FY 2023 Proposed Expenditures: \$-0-

FY 2023 Funding Source: GO Bonds

Councilmanic: Not Assigned

Project Class/Status: New Construction/Design Not Begun

In 2014, an ad-hoc committee was formed consisting of representatives from College Park, Greenbelt, Berwyn Heights, and the County to discuss the need for additional animal management services to supplement and improve services provided by the County and municipalities in the north/northwestern part of the County.

- ✚ The start of this project has been delayed due to debt affordability concerns.
- ✚ Currently the County operates one full-service open admission animal shelter in Upper Marlboro that takes approximately 10,000 animals per year and serves the entire County. However, the north/northwestern area of the County has the highest number of licensed pets, the highest adoption rates and the highest demand for services.
- ✚ The City of Greenbelt, City of College Park, and the Town of Berwyn Heights provided funding towards the feasibility study.
- ✚ ASD has communicated with a representative with the City of College Park, who agreed to be the contact for the municipalities, and advised the representative that the funding has been delayed.
- ✚ The design of the North County Animal Shelter is anticipated in FY 2026 and out years in the FY 2023 - 2028 proposed Capital Improvement Program. This will allow for additional planning and enable the County to further address debt service affordability concerns.

Grants

Approved Fiscal Year 2022 to Proposed Fiscal Year 2023 - Grants

Category	FY 2021 Actual	FY 2022 Approved	FY 2022 Estimated	FY 2023 Proposed	\$ Change	% Change
Compensation	\$ -	\$ -	\$ -	\$ -	\$ -	N/A
Fringe Benefits	-	-	-	-	-	N/A
Operating Expenses	4,127,132	844,300	844,300	61,200	(783,100)	-92.8%
Capital Outlay	-	-	-	-	-	N/A
Total	\$ 4,127,132	\$ 844,300	\$ 844,300	\$ 61,200	\$ (783,100)	-92.8%

- In FY 2023, the proposed grant funding for the Department of the Environment is \$61,200, and represents a decrease of \$783,100, or 92.8%, under the approved FY 2022 budgeted amount. FY 2022 included a County Contribution/Cash Match from the General Fund of \$400,000.
- State and Federal funding opportunities are primarily awarded to the Department outside the application process, as they become available during the year. In FY 2022, the Department did not receive any Unanticipated Grants (not originally included in the Approved FY 2022 budget). *See chart below* for the reconciliation of grant funding between the FY 2022 Approved Budget and the Proposed FY 2023 Budget.

Reconciliation from Prior Year

	Expenditures
FY 2022 Approved Budget	\$444,300
Add: New Grant — Community Cat Program	\$36,000
Reduce: Existing Program/Service — Spay-A-Day Campaign	(19,100)
Remove: Prior Year Appropriation — Maryland Department of Natural Resources (MDNR) - Chesapeake and Coastal Grants Gateway Program Outcome 4	(100,000)
Remove: Prior Year Appropriation — FY 2022 Chesapeake Bay Trust (CBT) Watershed Assistance Grant Program Development Track	(150,000)
Remove: Prior Year Appropriation — MDNR - Chesapeake and Coastal Grants Gateway Program Outcome 2	(150,000)
FY 2023 Proposed Budget	\$61,200

- In FY 2023, Proposed funding for Animal Services grants are as follows:
 - ✚ \$25,200 for Spay-A-Day Keeps the Litter Away, which represents a \$19,100, or 43.1%, reduction from FY 2022 approved funding level. This is a Maryland Department of Agriculture (MDA) program that provides funding for outreach, education, rabies vaccinations and no-cost spay/neuter services for a total of 250 dogs and cats to low-income pet owners in towns throughout the County.
 - ✚ \$36,000 for the Community Cat Program to spay or neuter 600 free-roaming feral cats and provide rabies vaccinations and flea treatments.
- The Department has several Capital Grant appropriations located in the Capital Budget. Capital grant awards that are appropriated as part of the “MS4/NPDES Compliance & Restoration” capital project are allocated in the Stormwater section of the Proposed Capital Improvement Program budget.
- The Department does not have grant-funded employees.
- The Coronavirus Aid, Relief, and Economic Security Act (CARES Act) – Coronavirus Relief Fund (CRF), Title V of the CARES Act established the CRF for the purpose of providing \$150 billion in direct assistance

to States, units of local government, the District of Columbia, U.S. Territories, and Tribal Governments. Prince George's County, Maryland received \$158.7 million for the Coronavirus Aid, Relief and Economic Security Act, Coronavirus Relief Fund beginning in FY 2019 through FY 2022. DOE's portion of the fund included:

- ✚ \$104,578 (FY 2020) and \$465,366 (FY 2021) for other operating and overtime expenditures.
- ✚ No funding is estimated to be received by the Department in FY 2022.

Coronavirus, Aid, Relief and Economic Security Act - Coronavirus Relief Fund (CRF) GRANT PROGRAMS FISCAL YEAR

PROGRAM NAME	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED	TOTAL
ENVIRONMENT				
Department of the Environment				
Other Operating	\$ 23,537	\$ 27,627	\$ -	\$ 51,164
Overtime	81,041	437,739	-	518,780
Department of the Environment Totals	\$ 104,578	\$ 465,366	\$ -	\$ 569,944

- American Rescue Plan Act of 2021 (ARPA) – established to aid in the economic recovery and emergency response to COVID-19. This law established the Coronavirus State Fiscal Recovery Fund and the Coronavirus Local Fiscal Recovery Fund, which combined make up the Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program. The law provided support to State, territorial, local and tribal governments in responding to the economic and public health impacts of COVID-19. Prince George's County, Maryland, was awarded \$176.6 million through the Coronavirus Local Fiscal Recovery Funds (SLFRF) Program. This is a multi-year spending plan and the County expects to spend the funding over four years. However, all ARPA funds must be obligated between March 3, 2021, and December 31, 2024 and all obligations must be spent by December 31, 2026. DOE's portion of the fund includes:

- ✚ FY 2022 budgeted amount of \$15.8 million with projected FY 2022 spending of ~\$1.234 million to cover Hazard/Premium Pay and Stormwater Plan-Flooding Study.

American Rescue Plan Act (ARP) Grants Programs (continued)

ARPA PROGRAM USES	FY 2021 ACTUAL	FY 2022 BUDGET (1)	FY 2022 YTD SPENDING (2)	FY 2022 ESTIMATE (3)	\$ CHG
DEPARTMENT OF THE ENVIRONMENT					
Hazard Pay/Premium Pay	\$ -	\$ -	\$ 718,481	\$ 718,500	\$ 718,500
Stormwater Plan-Flooding Study	\$ -	\$ 2,300,000	\$ -	\$ 575,000	\$ (1,725,000)
Residential Flooding (Structures and underground piping)	\$ -	\$ 800,000	\$ -	\$ -	\$ (800,000)
DOE Stormwater (Water Quality Improvement, Maintenance and Flood Mitigation)*	\$ -	\$ 12,700,000	\$ -	\$ -	\$ (12,700,000)
Subtotal	\$ -	\$ 15,800,000	\$ 718,481	\$ 1,293,500	\$ (14,506,500)

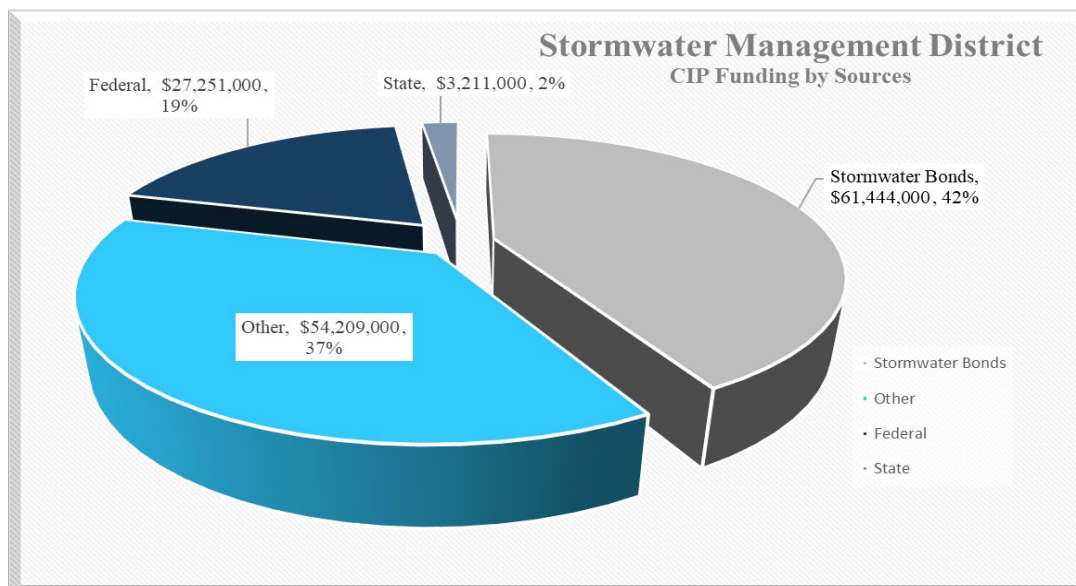
Stormwater Management District Capital Improvement Program (CIP)

The Proposed FY 2023 Capital Expenditure Budget for the Stormwater Management District totals \$149.753 million, which is \$51.130 million, or 52%, higher than the Approved FY 2022 CIP budget at \$98.623 million. See chart below.

Proposed Stormwater Management District (FY 2023 - FY 2028) Sorted \$ - Largest to Smallest										
PROJECTS	Est Comp. Date (FY)	Project Status	FY2022 Approved Capital	FY2022 Actual Expenditures	FY2022 Anticipated Expenditures	FY 2022 Approved vs Anticipated	FY2023 Budget Request	\$ Change	% Change	Total Approved Project Funding
Clean Water Partnership NPDES/MS4	Ongoing	Ongoing	\$ 30,964,000	\$ 28,737,002	\$ 33,076,000	\$ 2,112,000	\$ 55,909,000	24,945,000	81%	\$ 330,944,000
MS4/NPDES Compliance & Restoration	Ongoing	Ongoing	17,857,000	7,070,935	30,367,000	12,510,000	27,642,000	9,785,000	55%	207,102,000
Stormwater Management Restoration (DPW&T)*	Ongoing	Ongoing	5,503,000	2,367,912	6,050,000	547,000	16,263,000	10,760,000	196%	95,131,000
Flood Protection and Drainage Improvement	Ongoing	Ongoing	15,210,000	2,976,802	22,557,000	7,347,000	16,101,000	891,000	6%	131,642,000
Major Reconstruction Program (DPW&T)*	Ongoing	Ongoing	14,901,000	7,589,120	36,746,000	21,845,000	14,170,000	(731,000)	-5%	175,164,000
COE County Restoration	Ongoing	Ongoing	347,000	564,307	3,552,000	3,205,000	6,944,000	6,597,000	1901%	34,070,000
Stormwater Structure Restoration and Construction (DPW&T)*	Ongoing	Ongoing	-	-	-	-	6,000,000	6,000,000	N/A	45,500,000
Calvert Hills	6/30/2025	Construction	9,341,000	109,617	9,341,000	-	2,321,000	(7,020,000)	-75%	20,526,000
Bear Branch Sub- Watershed	8/15/2025	Construction	2,050,000	1,779,356	1,675,000	(375,000)	2,151,000	101,000	5%	13,686,000
Stormwater Contingency Fund	As Required	As Required	-	-	999,000	999,000	1,000,000	1,000,000	N/A	7,000,000
Participation Program	As Required	As Required	500,000	-	999,000	499,000	500,000	-	0%	9,381,000
Emergency Response Program	Ongoing	Ongoing	390,000	-	780,000	390,000	390,000	-	0%	4,739,000
Endangered Structure Acquisition Program	Ongoing	Ongoing	1,560,000	3,461	1,968,000	408,000	362,000	(1,198,000)	-77%	10,272,000
TOTALS			\$ 98,623,000	\$51,198,512	\$ 148,110,000	\$ 49,487,000	\$ 149,753,000	\$ 51,130,000	52%	\$1,085,157,000

FY 2023 Funding Sources

Funding Sources	Amount	Percentage
Stormwater Bonds	\$ 61,444,000	42.1%
Other	\$ 54,209,000	37.1%
Federal	\$ 27,251,000	18.7%
State	\$ 3,211,000	2.1%
Total	\$146,115,000	99.9%



Source: FY 2023 - 2028 CIP Proposed Budget, pages 167-169, Stormwater Management District

FY 2023-2028 - Strategic Focus and Initiatives - Stormwater Management District

-  The County continues to implement federal and state mandates which address various storm water quality improvements including impervious area and stream restoration.
-  Continued implementation of the Clean Water Partnership (Public Private Partnership/P3) to assist with meeting the federal and state mandates.

The Proposed FY 2023 CIP for the Prince George's County Stormwater Management District includes details for 13 existing projects as described below. Three (3) projects included in the Stormwater Management District's CIP budget belong to the Department of Public Works and Transportation (DPW&T).

1. Clean Water Partnership NPDES/MS4 (CIP ID#5.54.0018)

FY 2023 Proposed Expenditures: \$55.909 million

FY 2023 Funding Source: Other

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$2.112 million over

Councilmanic: Countywide

Project Class/Status: Rehabilitation/Under Construction

- The Clean Water Partnership (CWP), launched in 2015 to improve the health of the County's waterways, reduce the costs of retrofitting and maintaining the County's stormwater infrastructure, and optimize economic benefits to County's residents by developing local businesses that will form the backbone of the County's green economy.
- The goal is to improve water quality by retrofitting approximately 5,475 acres through 2024.
- The expanded program area of the CWP was added in 2018, funded from low-interest rate loans from the Maryland Water Quality Revolving Loan Program.
- With consideration to scale and timeframe, (6,105 acres in the permit term), given to meet the mandated 20% restoration target the County had not met these terms of the permit.
- The County completed 40% (2,387 acres) of the 6,105 acres required within the permit term, leaving a gap of 3,718 acres remaining. These operations will be funded through the Stormwater and Water Quality funds.
- Highlights:
 -  In FY 2023, construction will continue on the stormwater retrofit projects.

2. MS4/NPDES Compliance & Restoration (CIP ID#5.54.0019)

FY 2023 Proposed Expenditures: \$27.642 million

FY 2023 Funding Source: Federal/State/SW Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$12.510 million

Councilmanic: Countywide

Project Class/Status: Rehabilitation/Under Construction

- This project provides funding for countywide restoration of untreated impervious areas to meet MS4/NPDES Permit, Chesapeake Bay Total Maximum Daily Load (TMDL) and Local TMDL requirements with water quality/urban retrofit BMPs, stream restoration techniques, and other multiple stormwater management retrofit approaches, within all watersheds of the County.
- Expected impacts from upcoming regulatory changes will require targeting restoration projects to specific water quality impairments, adding time and cost to the NPDES restoration timeline.
- Highlights:
 -  Various projects will be constructed during FY 2023.

✚ The source of 'Federal' funding is from the American Recovery Plan Act (ARPA).

3. Stormwater Management Restoration (CIP ID#5.66.0002)

FY 2023 Proposed Expenditures: \$16.263 million

FY 2023 Funding Source: Federal/SW Bonds/Other

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$547K

Councilmanic: Countywide

Project Class/Status: Rehabilitation/Under Construction

- The project determines the condition of the storm drain system, which will provide a basis for a large-scale repair of storm drain infrastructure throughout the County.
- Ponds identified as deficient will be corrected, constructed, and landscaped.
- Several County-wide initiatives are also funded here - Right Tree Right Place, Growing Green with Pride, Tree Plantings for water quality and a comprehensive street tree inventory.
- Highlights:

✚ FY 2023 funding supports the reconstruction of drainage channels, culvert replacements and the Office of Storm Drain Maintenance pipe replacement and removal program.

4. Flood Protection and Drainage Improvement (CIP ID#5.54.0005)

FY 2023 Proposed Expenditures: \$16.101 million

FY 2023 Funding Source: Federal/State/SW Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$7.347 million

Councilmanic: Countywide

Project Class/Status: New Construction/Under Construction

- This program consists of flood protection and drainage relief projects that will address surface run-off causing home flooding, alleviate road flooding and correct residential yard drainage deficiencies.
- Municipal participation, storm drain acceptance projects and flood warning systems.
- Right of way from property owners directly benefiting from project improvements must be provided at no cost to the County.
- Highlights:

✚ FY 2022 estimate 'Other' funding is a PAYGO transfer from the Stormwater Fund to address flooding concerns in southern parts of the County.

✚ In FY 2023, the construction budget includes funding for residential drainage improvements in various locations throughout the County.

✚ The source of 'Federal' funding is the American Recovery Plan Act (ARPA).

5. Major Reconstruction Program (DPW&T) (CIP ID#5.66.0003)

FY 2023 Proposed Expenditures: \$14.170 million

FY 2023 Funding Source: Federal/SW Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$21.845 million

Councilmanic: Countywide

Project Class/Status: Replacement/Under Construction

- This on-going program by the Department of Public Works and Transportation (DPW&T) will redesign, reconstruct and rehabilitate major drainage and flood control projects throughout the County
- Highlights:

✚ In FY 2023, construction continues for various flood control projects.

- ✚ FY 2024 federal funding reflects \$1.85 million in funding from the American Recovery Plan Act (ARPA).

6. COE County Restoration (CIP ID#5.54.0012)

FY 2023 Proposed Expenditures: \$6.944 million

FY 2023 Funding Source: Stormwater Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$3.205 million over

Councilmanic: Various

Project Class/Status: Rehabilitation/Under Construction

- The US Army Corp of Engineers (ACOE) County Restoration project involves the design and construction of environmental enhancement and flood control facilities within the County.
- Projects include ongoing planning and design for projects pertaining to quality measures implementation, wetland creation, stream channel restoration and fish blockage removal in the Anacostia River tributaries and from the Western Branch to the Patuxent River.
- Funding represents the County's 'non-federal sponsor' share costs to be reimbursed to the ACOE.
- Projects other than those performed with the ACOE could receive funding through State and Federal grants.
- 'Other' funds may also be secured from a transfer of stormwater management operating funds and fee-in-lieu payments.
- Highlights:

- ✚ In FY 2023, construction and certification support continues on the Allison Street levee.

7. Stormwater Structure Restoration & Construction (CIP ID#5.66.0004)

FY 2023 Proposed Expenditures: \$6.000 million

FY 2023 Funding Source: SW Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$-0-

Councilmanic: Countywide

Project Class/Status: New Construction/Under Construction

- Storm Water Best Management Practice (BMP) structures that have been identified throughout the County that are beyond a maintenance effort.
- These structures were permitted as publicly maintained but were not accepted into the public inventory.
- The structures will be removed and replaced or reconstructed to provide water quality and water quantity benefits to the County's National Pollutant Discharge Elimination System (NPDES), Municipal Separate Storm Sewer System (MS4) Discharge Permit.
- Highlights:

- ✚ FY 2023 funding supports the removal, replacement and/or reconstruction of the stormwater BMP structures.

8. Calvert Hills (CIP ID#5.54.0024)

FY 2023 Proposed Expenditures: \$2.321 million

FY 2023 Funding Source: SW Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$-0-

Councilmanic: Various

Project Class/Status: Rehabilitation/Under Construction

- Consists of flood protection and drainage relief projects for the College Park, Calvert Hills area and will address surface run-off causing home flooding, alleviate road flooding and correct residential yard drainage deficiencies.
- Includes municipal participation, storm drain acceptance projects and flood warning systems. Right of way from property owners directly benefiting from project improvements must be provided at no cost to the County.
- Will fund the Calvert Hills Storm Drain Improvement Project and anticipated future strategies on adverse drainage and flood mitigation projects.
- Provides flood mitigation and drainage improvement to existing storm drain infrastructure and residential structures which cannot be corrected through the County's Department of Public Works and Transportation (DPW&T) maintenance program. This can be appropriate in locations where opportunities to achieve NPDES/MS4 compliance and impervious restoration credits can be combined with drainage remediation projects.
- Highlights:
 - ✚ This project was originally a sub-project under the Flood Protection and Drainage CIP project.
 - ✚ Construction continues in FY 2023.

9. Bear Branch Sub-Watershed (CIP ID#5.54.0016)

FY 2023 Proposed Expenditures: \$2.151 million

FY 2023 Funding Source: Stormwater Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$375,000 under

Councilmanic: One

Project Class/Status: Rehabilitation/Under Construction

- This project provides funding for water quality measures; Low Impact Development (LID), wetland creation, reforestation and stream channels and tributaries restoration in the Bear Branch sub-watershed and Patuxent River Watershed.
- Highlights:
 - ✚ Post construction monitoring of Phase II began in FY 2022 and will continue for the next five (5) years to meet the Maryland Department of Environment (MDE) permit requirements.
 - ✚ The FY 2023 budget is targeted for Phase III of stream restoration and water quality projects within the Bear Branch Watershed.
 - ✚ Phase III design for the upstream channel will commence in FY 2023, and construction will be completed in FY 2027.

10. Stormwater Contingency Fund (CIP ID#5.54.0007)

FY 2023 Proposed Expenditures: \$1.000 million

FY 2023 Funding Source: SW Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$999,000

Councilmanic: Countywide

Project Class/Status: Non-Construction/Continued

- This fund will provide a source of additional appropriation for possible cost overruns of funded projects in the capital program and for new projects unforeseen at the time the CIP is approved.
- This project will authorize the County Executive to approve appropriation transfers up to \$250,000 to previously authorized projects.
- New project authorizations will require the approval of a majority of the Council.

- Highlights:
 - ✚ 'Other' funds may come from transfers from projects having a balance subsequent to their completion or from stormwater operating funds.

11. Participation Program (CIP ID#5.54.0006)

FY 2023 Proposed Expenditures: \$500,000

FY 2023 Funding Source: SW Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$499,000

Councilmanic: Countywide

Project Class/Status: New Construction/Under Construction

- This project will provide the County's contribution for Water Quality Best Management Practice (BMP) costs for projects with M-NCPPC, Metropolitan Washington Council of Governments (MWCOC), State Highway Administration (SHA) and municipalities.
- Additionally, this project enables the County's participation through agreements, which the County may enter with developers, to complete needed work in existing communities.
- These project opportunities may also be identified under the County's stormwater permit review process.
- Highlights:
 - ✚ FY 2023 funding continues to support various participation projects throughout the County.

12. Emergency Response Program (CIP ID#5.54.0015)

FY 2023 Proposed Expenditures: \$390,000

FY 2023 Funding Source: SW Bonds

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$390,000 over

Councilmanic: Countywide

Project Class/Status: Rehabilitation/Under Construction

- This project will facilitate the design and construction of unanticipated projects which require immediate implementation, due to emergency conditions affecting the public health, safety or welfare and for matching funds for unanticipated grants in which funding is required to secure an agency grant.
- Highlights:
 - ✚ Immediate action is often required to address emergency conditions arising from natural disasters such as a flood, slope failures or severe weather storm events. In addition, a matching source of local funds is often required for grants.
 - ✚ FY 2023 funding is to address any emergencies that may arise.

13. Endangered Structure Acquisition Program (CIP ID#5.54.0014)

FY 2023 Proposed Expenditures: \$362,000

FY 2023 Funding Source:

FY 2022 Anticipated Expenditures Over/Under Approved Budget: \$408,000

Councilmanic: Countywide

Project Class/Status: Land Acquisition/Under Construction

- This project provides for the acquisition of residential properties within the 100-year floodplain and properties vulnerable to unforeseen natural conditions such as a slope failure or stream erosion.
- Highlights:

- ✚ The FY 2022 estimate 'Other' funding is a PAYGO transfer from the Stormwater Fund to address endangered structures in the southern part of the County.
- ✚ The location of FY 2023 projects have not been determined at this time.

Highlights and Capital Grants - Stormwater Management District

- FY 2022 Anticipated spending is projected to be \$49.487 million over the FY 2022 Approved CIP budget as follows:

Proposed Stormwater Management District	
PROJECTS	FY 2022 Approved vs Anticipated
Major Reconstruction Program (DPW&T)*	\$ 21,845,000
MS4/NPDES Compliance & Restoration	12,510,000
Flood Protection and Drainage Improvement	7,347,000
COE County Restoration	3,205,000
Clean Water Partnership NPDES/MS4	2,112,000
Stormwater Contingency Fund	999,000
Stormwater Management Restoration (DPW&T)*	547,000
Participation Program	499,000
Endangered Structure Acquisition Program	408,000
Emergency Response	390,000
Stormwater Structure Restoration and Construction (DPW&T)*	-
Calvert Hills	-
Bear Branch Sub- Watershed	(375,000)
TOTAL	\$49,487,000
*DPW&T Projects	

- The Stormwater Management CIP projects in each Council District are provided on the *First Round Response Q.28 - Attachment 5 - Projects in Inception/Inventory, Planning, Design, Construction & Completed* by Councilmanic Districts.
- Sustainability Division: Projects listed in the table below will be conducted under MSDAP.

COUNCIL DISTRICT	PROJECT	DIVISION	IN-PROGRESS/FUTURE
1			
2	North Brentwood - Windom Road Storm Drain Improvement Project Tecumseh Street Storm Drain Improvement Project	DoE-SD DoE-SMD	FY 2023
3	Riverdale Park - Longfellow Street Storm Drain Improvement Project Linwood Avenue Storm Drain Improvement Project	DoE-SD DoE-SMD	FY 2023
4			
5	Cheverly - Crestlawn and Parkway Storm Drain Improvement Project Ellerbie Court Storm Drain Improvement	DoE-SD DoE-SMD	FY 2023
6			
7	Capon Street Storm Drain Improvement	DoE-SMD	
8	500 - 700 E. Tantallon Drive Storm Drain Improvement Kingston Drive and Easy Street Storm Drain Improvement Gleneagles Drive Storm Drain Improvement Ambrose Lane Storm Drain Improvement	DoE-SMD DoE-SMD DoE-SMD DoE-SMD	
9	Stonesboro Road Storm Drain Improvement Project 8711 - 8713 Helmsley Drive	DoE-SMD DoE-SMD	
Countywide	Installation of under drain projects to address street and residential flooding	DoE-SD & DPW&T	FY 2023

Appendix 1

Solid Waste Management Equipment

Description (Type and quantity of equipment purchase)	FY 2022 Equipment Cost (Purchased to date)	FY 2022 Equipment Cost (Planned to be purchased)	FY 2023 Equipment Cost (Proposed to be purchased)	Purpose for Request	Fund (GF, IS, EF, Grants)
Countywide Organics Cart Program			\$ 5,000,000	Funded in Solid Waste Operating	EF
(1) L150H Volvo wheel loader for MRF Operations	\$ -	\$ 450,000		Recycling Section - Equipment Lease	EF
(2) Sprinter/Transit Vans for Cart delivery & maintenance	-	100,000		Bulky Section - Equipment Lease	EF
(1) Six Wheel Dump Trucks with Snow Package (Plow & Spreader)	-	225,000		Disposal Section - Equipment Lease	EF
(4) Four wheel Drive 1 ton Pick Up Trucks with Snow Package (Plow & Spreader)	-	300,000		Disposal & Bulky Section - Equipment Lease	EF
(1) Telescopic All-Terrain Forklift MRF Operations	-	225,000		Recycling Section - Equipment Lease	EF
(1) 3500 series transport/passenger van	-	50,000		Disposal Section - Equipment Lease	EF
(1) Four wheel drive pickup with tailgate	-	60,000		Garage Section - Equipment Lease	EF
(1) Outdoor/Indoor Forklift	-	60,000		Garage Section - Equipment Lease	EF
(1) Four Door, Four wheel drive pick up	-	50,000		Disposal Section - Equipment Lease	EF
(1) Open-body truck for bulky collections	-	70,000		Bulky collection - Equipment Lease	EF
(2) Walking Floor Trailers	-	120,000		Recycling Section - Equipment Lease	EF
(1) Grade Roller for landfill operations	-	240,000		Landfill operations Equipment Lease	EF
Total	\$ -	\$ 1,950,000	\$ 5,000,000		