

Department of the Environment (DOE) - Fiscal Year 2021 Budget Review Summary

Proposed FY 2021 Operating Budget

Expenditures by Fund Type

Fund	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	4/20/2020 CEX Adjustment	FY 2021 Revised Proposed	\$ Change	% Change
Solid Waste Fund	\$ 106,579,500	\$ 105,893,200	\$ 108,592,900	\$ (279,300)	\$ 108,313,600	1,734,100	1.6%
Stormwater Fund**	\$ 63,093,500	\$ 62,789,700	\$ 66,355,600	\$ (181,100)	\$ 66,174,500	3,081,000	4.9%
Local Watershed Protection and Restoration Fund (Water Quality)	\$ 15,932,300	\$ 13,846,900	\$ 17,318,100	\$ (32,300)	\$ 17,285,800	1,353,500	8.5%
General Fund	4,663,700	4,663,700	5,125,400	(886,700)	4,238,700	(425,000)	-9.1%
Grants	35,800	184,900	259,900	-	259,900	224,100	626.0%
Total	\$ 190,304,800	\$ 187,378,400	\$ 197,651,900	\$ (1,379,400)	\$ 196,272,500	\$ 5,967,700	3.1%

**Adjusted amount represent \$181,100 of the revised CEX total of \$456,200. The remaining \$275,100 is attributed to DPW&T.

Fund	FY 2020 Approved	FY 2021 Proposed	4/20/2020 CEX Adjustment	FY 2021 Revised Proposed	Change	% Change
General Fund	114	118	(4)	114	0	0.0%
Enterprise Funds	216	216	0	216	0	0.0%
Grants*	0	0	0	0	0	N/A
Total	330	334	(4)	330	0	0.0%

*Department does not fund Grant positions

FY 2021 Proposed Budget – Key Highlights

General Fund

- Increased Compensation: \$409,700
- Increased Fringe Benefits: \$229,500
- Increased Operating Cost: \$184,100 for various operating items such as contractual services for veterinarian services and temporary administrative services, and technology cost allocation
- Increased Cost Recoveries: \$361,600
- Authorized positions increase by four (4) full time positions to reflect onboard staff for new Animal Care Attendants.
- Vacancies (As of 3/5/20): 14 full-time positions
- Key Programs/Initiatives: Pet adoptions, animal holding facility, animal licenses, cruelty complaint investigations, humane outreach and educational events

Grant Funds

- Increased Operating Cost: \$224,100
- Increased Capital Outlay: \$250,000
- Authorized positions: The Department does not fund grant positions
- Key Programs/Initiatives: FY 2021 anticipated grants to be used for: Stormwater Management and Animal Services

Solid Waste Management Fund

- Increased Compensation: \$758,900
- Increased Fringe Benefits: \$157,600
- Increased Operating Cost: \$826,900 such as contractual services and staffing needs at other agencies supporting the mission of the fund, and technology cost allocation
- Increased Capital Outlay: \$270,000
- Unchanged Cost Recoveries: \$600,000

- Authorized positions remain unchanged at 145 Full-time Employees (FTEs)
- Vacancies (As of 3/10/20): 19 full-time positions
- Key Programs/Initiatives: Collect, process and divert waste from County landfill, commercial facilities/households

Stormwater Management Fund

- Increased Compensation: \$241,300
- Increased Fringe Benefits: \$145,400
- Increased Operating Cost: \$4,200,000 for an increase in debt service
- Increased Cost Recoveries: \$1,325,500
- Authorized positions remain unchanged at 61 FTEs
- Vacancies (As of 3/10/20): 19 full-time positions
- Key Programs/Initiatives: Water quality improvements in response to regulatory compliance County’s NPDES MS4 Permit and flood control projects implementation

Local Watershed Protection & Restoration Fund (Water Quality)

- Increased Compensation: \$14,300
- Increased Fringe Benefits: \$4,300
- Increased Operating Cost: \$1,367,200, primarily for increases in debt service costs for the Maryland State Revolving Fund transaction, contract funding to support auditing costs, and net change in funding for various contracts to support consulting, preventive and regular maintenance activities, and transfer to the Stormwater Management Fund for debt service
- Authorized positions remain unchanged at 10 FTEs
- Vacancies (As of 3/11/20): 2 full-time positions
- Key Programs/Initiatives: Educate the community on pollution prevention and best practices

County Executive’s Recommended Adjustments

General Fund and Grant Funds

- Reduce Compensation: Remove proposed Merits/COLAs, four (4) new Animal Care Attendant positions, and funding for vacant positions that were originally included in the FY 2021 Proposed Budget; Increased attrition (net change \$651,000)
- Reduce Fringe Benefits: As a result of the above adjustment to compensation (\$235,700)

Solid Waste Management Fund

- Revenues decrease by (\$279,300) to reflect a decrease in appropriated fund balance.
- Reduce Compensation: Remove proposed Merits/COLAs, that were originally included in the FY 2021 Proposed Budget (net change \$182,000)
- Reduce Fringe Benefits: As a result of the above adjustment to compensation (\$97,300)

Stormwater Management Fund

- Revenues decrease by (\$456,200) to reflect a decrease in appropriated fund balance.
- Reduce Compensation: Remove proposed Merits/COLAs, that were originally included in the FY 2021 Proposed Budget (Total Reduction: \$301,400); DOE’s portion \$118,100; DPW&T’s portion is \$183,300
- Reduce Fringe Benefits: As a result of the above adjustment to compensation (Total Reduction: \$154,800); DOE’s portion (\$63,000); DPW&T’s portion (\$91,800)

Local Watershed Protection & Restoration Fund (Water Quality)

- Revenues decrease by (\$32,300) to reflect a decrease in appropriated fund balance.
- Reduce Compensation: Remove proposed Merits/COLAs, that were originally included in the FY 2021 Proposed Budget (net change 24,900)
- Reduce Fringe Benefits: As a result of the above adjustment to compensation (7,400)

Proposed FY 2021 -FY 2026 Capital Improvement Program

	Expended thru FY20	Proposed FY21 Capital Budget	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Proposed CIP Funding
6 DOE Projects	\$ 181,848,000	\$ 16,011,000	\$ 13,897,000	\$ 17,815,000	\$ 16,879,000	\$ 7,503,000	\$ -	\$ 275,516,000
11 Stormwater Management Projects	\$ 279,952,000	\$ 101,133,000	\$ 85,634,000	\$ 95,214,000	\$ 90,555,000	\$ 53,702,000	\$ 56,920,000	\$ 886,931,000

Highlights

Environment Projects

- Funded by Revenue Bonds (100%)
- Key Projects: Brown Station Landfill Construction, Materials Recycling Facility, North County Animal Shelter, Organics Composting Facility, Resource Recovery System, Sandy Hill Sanitary Landfill
- Deleted: DPIE CIP ID#8.54.0002/Blight Eradication Program/Funding transferred to the DOE - Organics Composting Facility project
- North County Animal Shelter ID#3.54.0002 – Project delayed and expected to start in FY 2022

Stormwater District Projects

- Funded by: Storm Water Bonds (63.6%); Federal (0.2%), State (3.4%); Other (32.8%)
- Key Projects: Bear Branch Sub-Watershed, Clean Water Partnership NPDES/MS4 (delayed), 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
- 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 meeting the federal and state mandates.
- No new or deleted projects, increases in total project cost (5 projects), decreases (5 projects), delayed (1 project)



THE PRINCE GEORGE'S COUNTY GOVERNMENT

Office of Audits and Investigations

May 5, 2020

MEMORANDUM

TO: Todd M. Turner, Chair
Committee of the Whole (COW)

THRU: David H. Van Dyke, County Auditor *DH*

FROM: Sylvia King, Audit Manager *SK*
Canjor Reed, Senior Auditor *CR*

RE: Department of the Environment (DOE)
Fiscal Year 2021 Budget Review and Capital Improvement Program (FY 2021-2026)

Budget Overview

The overall FY 2021 Proposed Budget for the Department of the Environment (DOE or the Department) is approximately \$198 million, an increase of approximately \$7.3 million, or 3.9%, over the FY 2020 Approved Budget, and is comprised of approximately \$192 million, or 97.3%, from Enterprise Funds, and approximately \$5.1 million, or 2.6%, from General Funds, and \$259,900, or 0.1%, from Grant Funds.

The FY 2021 proposed **Solid Waste Management Enterprise Fund (Solid Waste)** budget (after recoveries) is approximately \$108.6 million, an increase of approximately \$2 million, or 1.9%, over the FY 2020 Approved Budget, mainly due to increases in compensation for mandated salary requirements, increases in fringe benefits to reflect anticipated costs, operating expenses such as interagency charges, depreciation, vehicle equipment repair and contractual services for solid waste facilities. Increases in capital outlay are for purchase of equipment such as bulky trash pickup.

The FY 2021 proposed **Stormwater Management Enterprise Fund (Stormwater)** budget (after recoveries) is approximately \$66.4 million, an increase of approximately \$3.3 million, or 5.2%, over the FY 2020 Approved Budget, primarily due to increases in costs related to debt service in the form of principal and interest payments for prior year Stormwater Bond debt and capital depreciation, and increases in compensation for mandated salary requirements, and increases in fringe benefits for other postemployment benefits (OPEB) costs, which are being offset primarily by increases in recoverable expenses from Stormwater Bond funded capital projects.

The FY 2021 proposed **Local Watershed Protection and Restoration (WPR) Fund** budget (Water Quality) is approximately \$17.3 million, an increase of approximately \$1.4 million, or 8.7%, over the FY 2020 Approved Budget. Increases in operating costs are due to the increase in the transfer to the Stormwater fund for debt service costs, contracts for consulting, preventive and regular maintenance activities, auditing and the Maryland State Revolving Fund transaction for debt service costs. Increases in compensation and fringe are primarily due to mandated salary requirements and associated adjustments.

The FY 2021 proposed **General Fund** portion of the budget is approximately \$5.1 million, an increase of \$461,700, or 9.9%, over the FY 2020 Approved Budget. Increases primarily in costs for compensation and fringe expenditures, are offset by recoveries from Enterprise Funds to align with historical rates.

The FY 2021 proposed **Grant Funds** portion of the budget is \$509,900, an increase of \$474,100, or 1,324.3%, over the FY 2020 Approved Budget. The Department has several capital grant appropriations located in the capital budget.

Budget Comparison – All Funds

Approved Fiscal Year 2020 to Proposed Fiscal Year 2021

Category	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	% Change - Est vs App	FY 2021 Proposed	\$ Change	% Change
Solid Waste Fund	\$ 98,633,190	\$ 106,579,500	\$ 105,893,200	-0.6%	\$ 108,592,900	\$ 2,013,400	1.9%
Stormwater Fund	41,410,110	63,093,500	62,789,700	-0.5%	66,355,600	3,262,100	5.2%
Local Watershed Protection and Restoration Fund (Water Quality)	8,651,671	15,932,300	13,846,900	-13.1%	17,318,100	1,385,800	8.7%
General Fund	4,288,361	4,663,700	4,663,700	0.0%	5,125,400	461,700	9.9%
Grants	-	35,800	364,900	919.3%	509,900	474,100	1324.3%
TOTAL	\$ 152,983,332	\$ 190,304,800	\$ 187,558,400	-1.4%	\$ 197,901,900	\$ 7,597,100	4.0%

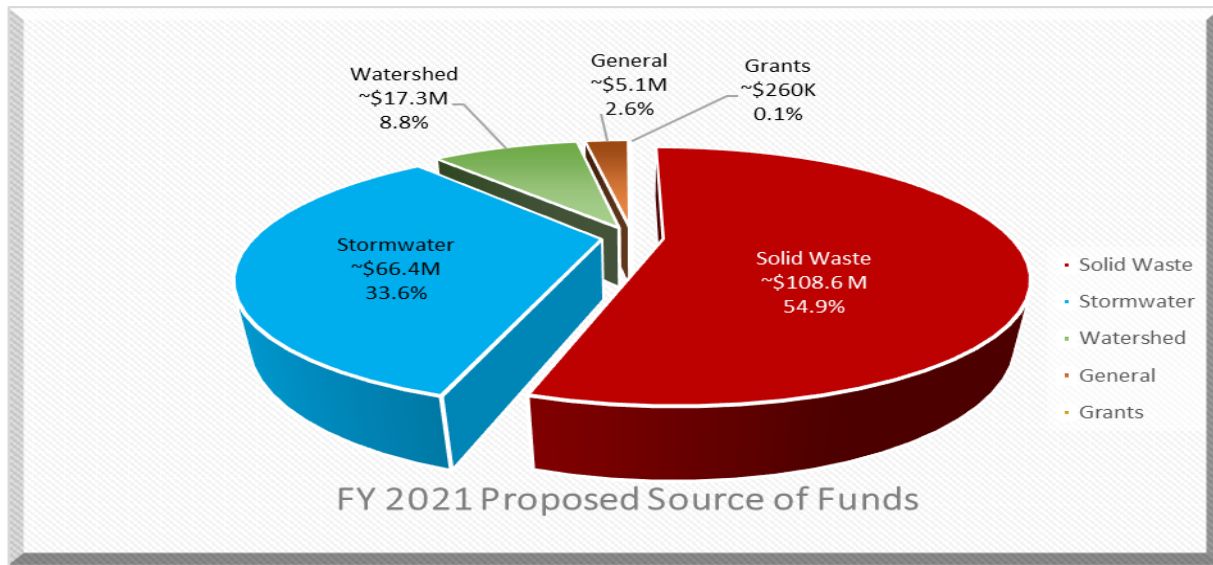
Authorized Staffing Count - All Classifications/All Funds

	FY 2020 Approved	FY 2021 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	118	4	3.5%
Part-time	0	0	0	0.0%
Total	330	334	4	1.2%

*DoE does not fund grant positions.

FY 2021 Sources of Funds

- The Department’s operations are supported by five (5) separate funding sources. Based on the *pie chart on the following page*, the Solid Waste Fund accounts for more than half of the Department’s funding (54.9%), which together with the Storm Water Management Fund (33.6%), and Local Watershed Protection Fund (8.8%), account for a combined total funding of 97.3% from the Enterprise Funds. The General Fund accounts for only 2.6% of the Department’s funding, with Grant funding of less than 1% proposed in FY 2021. The three (3) enterprise funds are comprised of the following major revenue sources: Residential Fees for Solid Waste/Sale of Recyclables, Property Taxes for Stormwater, and Impact Fees for Water Quality.



Source: FY 2021 Proposed Budget pages 394--396

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

Approved Fiscal Year 2020 to Proposed Fiscal Year 2021 - Solid Waste

Category	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Compensation	\$ 7,316,586	\$ 7,763,100	\$ 7,694,400	\$ 8,522,000	\$ 758,900	9.8%
Fringe Benefits	3,109,322	4,401,700	3,419,300	4,559,300	157,600	3.6%
Operating Expenses	88,207,282	95,014,700	95,369,500	95,841,600	826,900	0.9%
Capital Outlay	-	-	10,000	270,000	270,000	N/A
Sub-Total	\$ 98,633,190	\$ 107,179,500	\$ 106,493,200	\$ 109,192,900	\$ 2,013,400	1.9%
Recoveries	-	(600,000)	(600,000)	(600,000)	-	0.0%
Total	\$ 98,633,190	\$ 106,579,500	\$105,893,200	\$ 108,592,900	\$ 2,013,400	1.9%

Authorized Staffing Count

	FY 2020 Approved	FY 2021 Proposed	Change Amount	Percentage Change
Full-Time	145	145	0	0.0%
Total	145	145	0	0.0%

The Solid Waste Management Enterprise Fund's proposed FY 2021 revenues and expenditures as compared to the approved FY 2020 revenues and expenditures are shown in more detail in *Appendix 1, immediately following the end of this report.*

Staffing Changes and Compensation (Solid Waste)

- Solid Waste Management Enterprise Funds are provided for 145 full-time positions and remains unchanged from the FY 2020 approved budget level.
- Six (6) of the Fund’s 19 vacancies proposed in FY 2021 are unfunded. In FY 2020, DOE has had difficulty filling the Supervisor of Landfill Operations position in the Resource Recovery Division. See *First Round Budget Response Q.9, Attachment 2 for a complete list of Solid Waste funded vacancies in FY 2021.*
- In FY 2021, proposed compensation is approximately \$8.5 million, which represents an increase of \$758,900, or 9.8%, over the FY 2020 budgeted level, primarily due to mandated salary requirements.
- Overtime is incurred as a result of keeping the Brown Station Road Sanitary Landfill (landfill) open six (6) day per week to maintain operations, with employees who work the weekend being entitled to overtime pay. The Projected FY 2020 Overtime spending is \$508,200, or \$211,300, or 71.05% more than the approved FY 2020 Budgeted level. The Proposed FY 2021 Overtime budget is being increased to \$500,000, to align with actuals.
- In FY 2020, 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 2021.
- The Department is reporting that the hiring process is improving, but there is still room for improvements in all areas. The agency continues to look at more efficient ways to schedule interviews and the selection of a diverse panel. Time lags continue with getting the pre-employment physical results.
- The Department reported that its current rate of attrition for this fund is 3%, and cites the key factors contributing to the current attrition level are employee retirement and promotional opportunities, with the Laborer and Equipment Operator positions being the most affected in the Resource Recovery Division. Any decrease in staffing impacts bulky collections as well as landfill operations significantly.

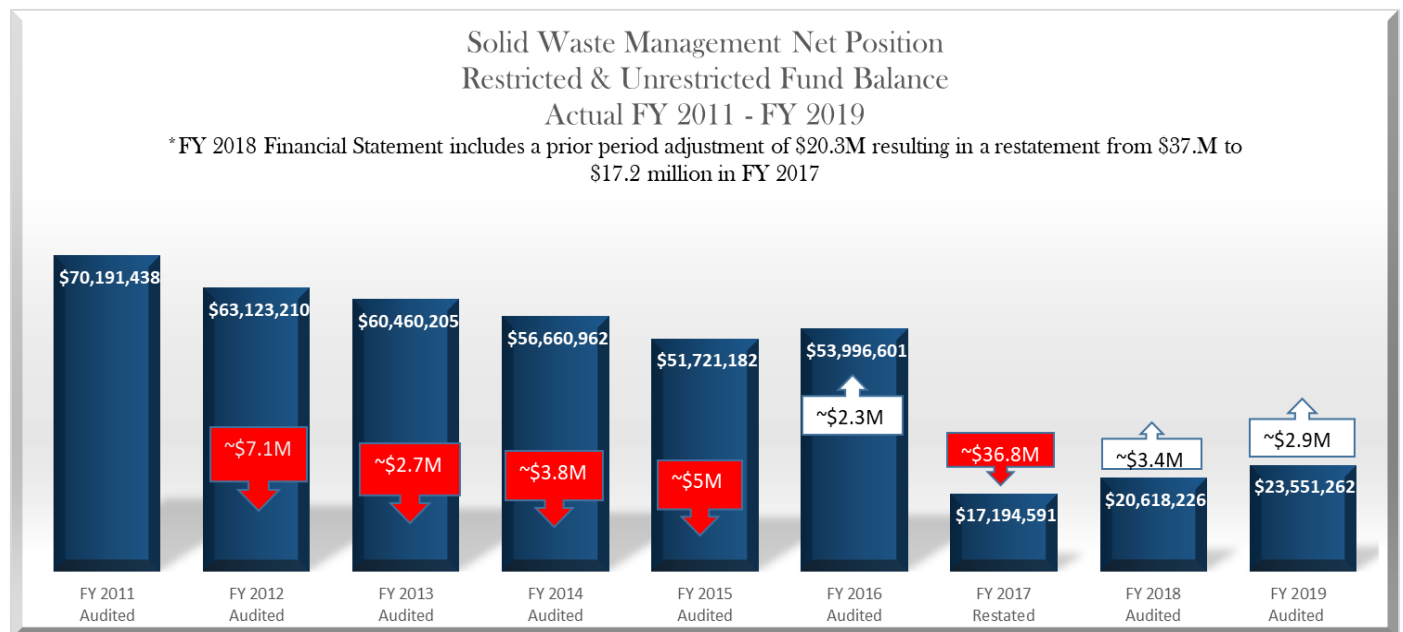
Fringe Benefits (Solid Waste)

- FY 2021 fringe benefits are proposed at approximately \$4.6 million, an increase of \$157,600, or 3.6%, over the FY 2020 approved budgeted amount to reflect anticipated costs.
- A five-year trend analysis of fringe benefit expenditures is included in the table on the following page:

Fringe Benefits Historical Trend (Solid Waste - EF5000)					
	FY 2017 Actual	FY 2018 Actual	FY 2019 Actual	FY 2020 Estimate	FY 2021 Approved
Fringe Benefit Expenditures	6,958,401	6,300,560	3,109,322	3,419,300	4,559,300
As a % of Compensation	94.3%	91.3%	42.5%	44.4%	53.5%
Annual % Change		-9.5%	-50.7%	10.0%	33.3%

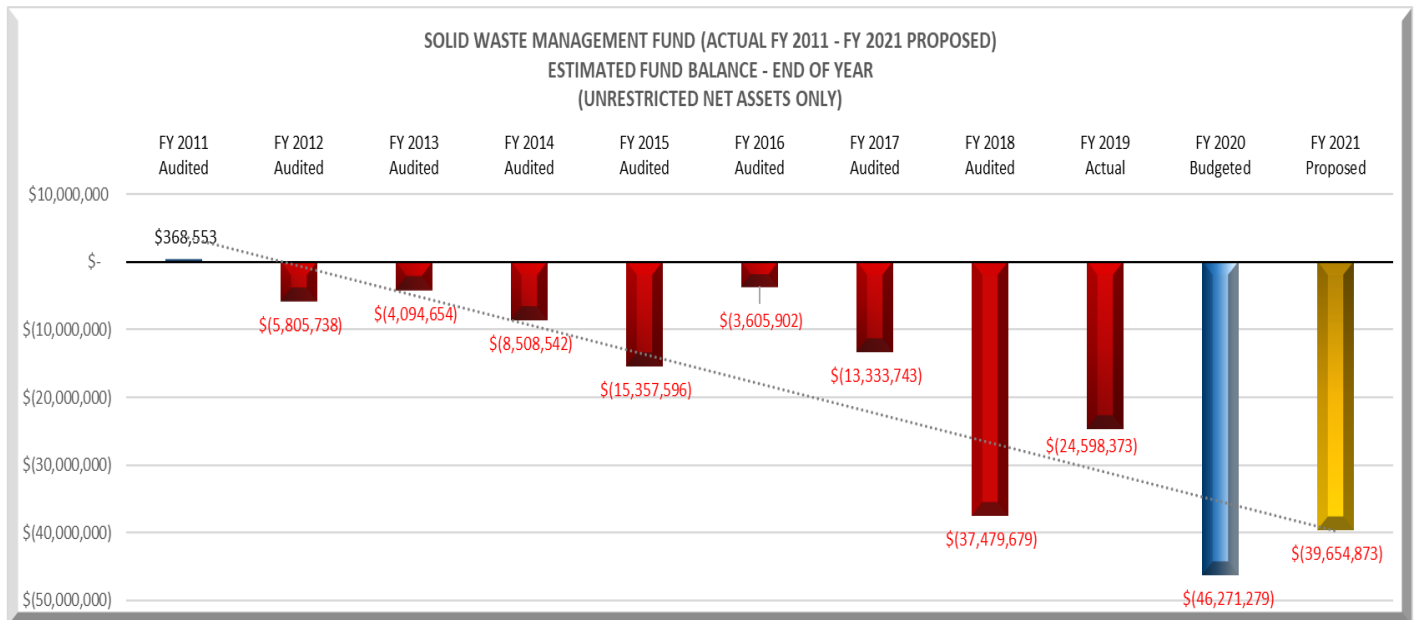
Fund Balance (Solid Waste)

- The overall net position of the Solid Waste Enterprise Fund (which includes both restricted and unrestricted assets) has dropped by approximately \$46.6 million since FY 2011, to approximately \$23.6 million at the end of FY 2019.
- Since FY 2011, the largest year over year decrease was seen from FY 2016 – FY 2017, with a \$36.8 million decline (as restated in FY 2018). Given that the available fund balance was only approximately \$23.6 million at the end of FY 2019, and the average \$5.8 million decreases in total fund balance over the last several years, if this trend continues, the Solid Waste Management Fund will no longer be self-sustaining within the next few years. FY 2018 and FY 2019 represent the first two (2) consecutive year over year increases in the overall fund balance since FY 2011. *See chart below.*



Source: FY 2011- FY 2019 Audited Comprehensive Annual Financial Reports (CAFRs)

- According the FY 2018 audited Financial Statements, 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 was a prior period adjustment of approximately \$20.3 million to the fund balance for the Solid Waste fund, resulting in the Restated Net Position as of June 30, 2017 to be approximately \$17.2 million, instead of the previously reported approximately \$37.5 million.
- The Comprehensive Annual Financial Report (CAFR) for FY 2019 has the *unrestricted* fund balance showing a deficit of approximately \$24.6 million. The FY 2020 Approved budget for the *unrestricted* net assets in the solid waste enterprise fund was estimated to have a deficit of approximately \$46.3 million, however, the Office of Management and Budget (OMB) is now reporting an estimated deficit of approximately \$31.1 million at the end of FY 2020. The deficit is expected to continue in FY 2021 and is projected at approximately \$39.7 million. *See chart on the following page.*



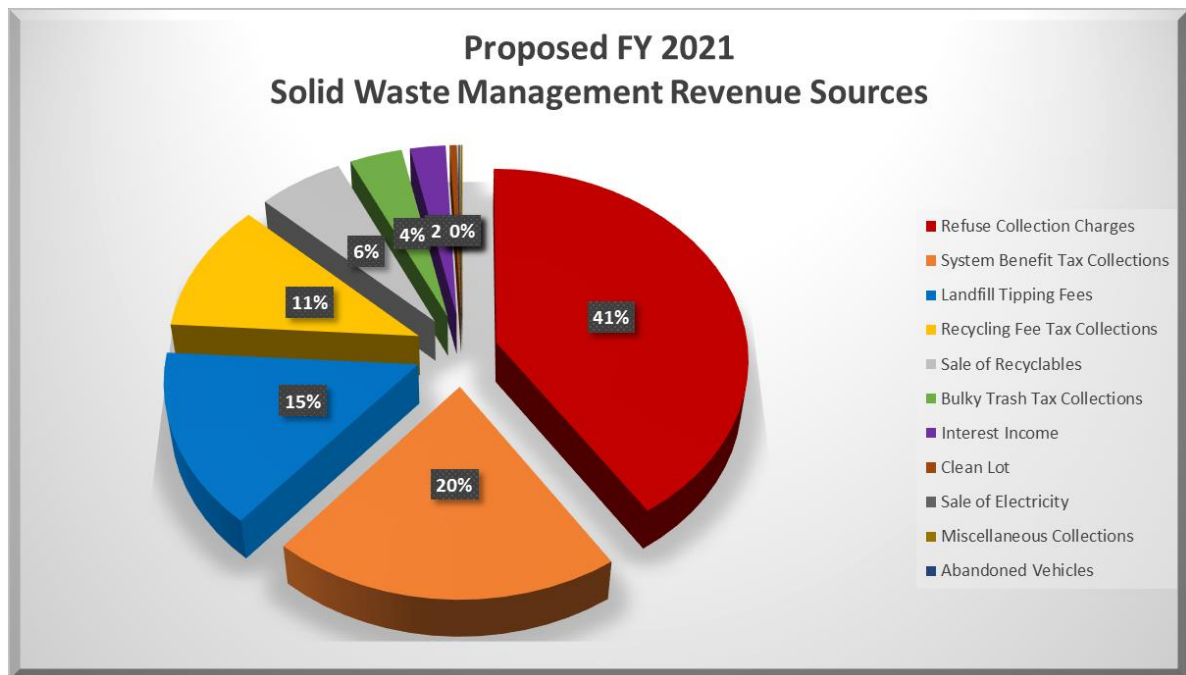
Sources: FY 2021 Proposed Budget pages 404-405, FY 2011-2019 CAFRs

- The proposed FY 2021 budget includes the use of approximately \$8.5 million in fund balance, which is \$125,500, or 1.4% decrease, under the FY 2020 approved amount, to cover anticipated expenditures.
- The Department is reporting that the structural deficit of the fund was driven by some of the following:
 - ✚ Tipping fees well below regional rates with no tipping fees increase since 2010.
 - ✚ Operational and capital costs associated with maintaining the officially closed Sandy Hill Landfill.
 - ✚ Recycling markets continuing to be problematic, with no appreciable relief expected within FY 2021, 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.).
 - ✚ Brown Station Road Sanitary Landfill (BSRSL) leachate hauling services.
 - ✚ Heavy equipment failures.
 - ✚ Failing landfill gas pipeline due to excessive age and need for major repair work.
 - ✚ Prior period accounting adjustment for OPEB.
- In FY 2021, the Department is reporting that it has plans to undertake the following measures to address any structural deficit of the Solid Waste Enterprise Fund:
 - ✚ Planned meeting(s) with the Maryland Department of the Environment (MDE) to arrange use of the post-closure reserve for BSRSL Area A (A-1 and A-2)
 - ✚ Area-C will define what limitations of Area A may be considered for use of post-closure reserve funding.
- In prior year’s the Department reported the following measures to address the structural deficit of the fund:
 - ✚ Implemented once a week trash pickup;
 - ✚ Continued efforts to increase the diversion rate which improves revenues.

- ✚ Drafted a Resource Recovery Master Plan to increase resource recovery of marketable materials.
- ✚ Installation of new balers at the Materials Recycling Facility (MRF). Inform and educate the public of the importance of proper recycling to reduce contaminants.
- ✚ Budgeted upgrades to the leachate pretreatment plant to enable discharge to the Washington Sanitary Suburban Commission (WSSC), in order to reduce leachate hauling costs.
- ✚ Proposed landfill tipping fee increases and Solid Waste fees.
- ✚ Seek funding to replace some of the aging heavy equipment utilizing Certificate of Participation (COP).
- ✚ Made repairs to the landfill gas pipeline, secured emergency funding for a second pipeline failure repair, and added funds to the Capital Improvement Project (CIP) for complete replacement of the 2.5 mile pipeline to mitigate probable continued failures.
- ✚ Budgeted funding to acquire a Plastics Optical Sorter to increase the value of plastics in the market place.

Revenues (Solid Waste)

- In FY 2021, the Fund’s proposed revenue sources are increasing to approximately \$100 million, which is approximately \$2.1 million, or 2.0%, over the current year’s approved level, excluding the use of fund balance. The majority of the funds revenues are generated by Refuse Collection Charges (41%), System Benefit Tax Collections (20%), and Landfill Tipping Fees (11%), and Recycling Fee Tax Collections (6%). See *chart* below.



Source: FY 2021 Proposed Budget p.404

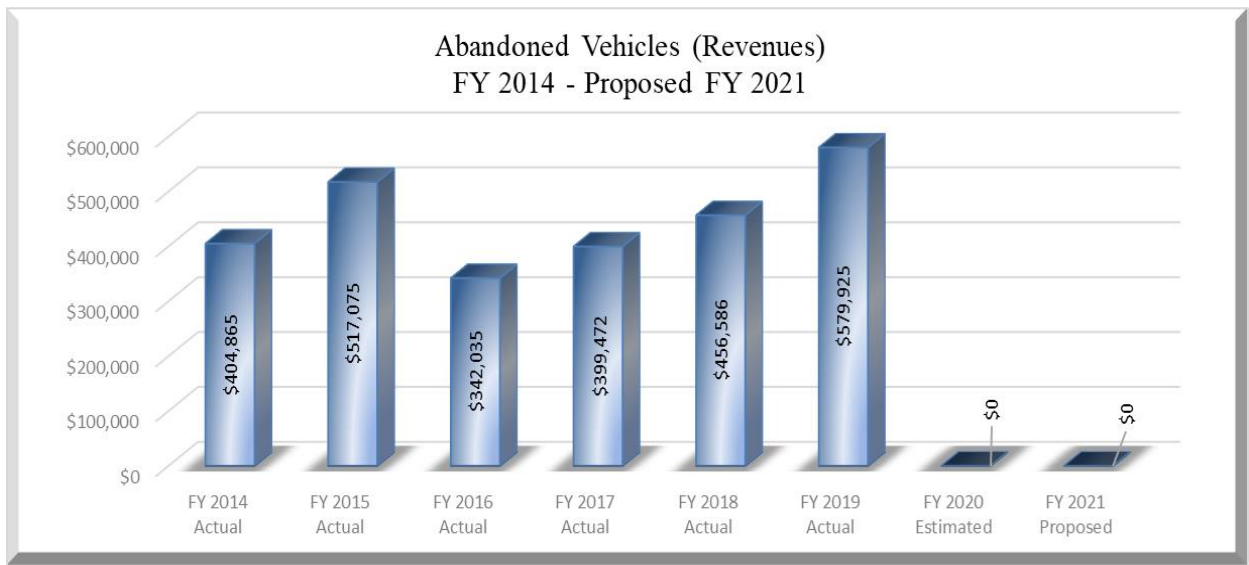
- The Fund’s proposed revenues in FY 2021 are expected to increase for six (6) categories (Refuse Collection Charges, Interest Income, Recycling Fee Tax Collections, System Benefit Tax Collections, Bulky Trash Tax Collections, and Miscellaneous Collections), excluding the Use of Fund Balance (~\$8.5 million), decrease in one (1) category (Landfill Tipping Fees), and remain unchanged for three (3) categories (Sale of Electricity,

Clean Lot Revenue, and Sale of Recyclables). See *Appendix 1* of this report which provides a breakdown of the Fund's revenues.

- The proposed FY 2021 budget has the Refuse Collection Charges increasing to approximately \$40.7 million, which is approximately \$1.1 million, or 2.8%, over the approved FY 2020, to align with actuals.
- In FY 2021, the Interest Income is proposed at approximately \$2.5 million, which is \$704,100, or 39.4%, over the approved FY 2020 budget to align with actuals.
- Miscellaneous Collections consist of various items such as gas to energy refunds for the Sandy Hill Landfill, and is proposed at \$96,400 in FY 2021, which represents a \$36,400, or 60.7%, increase over the approved FY 2020 budget amount to align with actuals.

Abandoned Vehicles Unit (AVU) Program

- ✚ We previously reported that the Department of the Environment (DOE) had received approval from the Maryland General Assembly for the transfer of the program's towing function from DOE to the Revenue Authority in FY 2019. The new legislation became effective immediately and provided the County Executive the authority to delegate the function. The transfer was expected to occur July 1, 2018.
- ✚ The Authority began informally partnering with DOE to manage the Abandoned Vehicles Unit (AVU) in July 2018. Effective June 3, 2019, the Authority formally began managing the program on behalf of DOE and will have full-time enforcement in north, central and south County.
- ✚ The Authority contracted, through an Office of Central Services (OCS) solicitation, to work with multiple (currently 4) County-based tow companies who will provide towing, storage and customer service to residents. A Memorandum of Understanding (MOU) with the Revenue Authority was ratified in June 2019.
- ✚ The Authority received approximately 1,283 abandoned vehicle complaints in FY 2020, with a 98.73 on-time closure rate (60 days). The most common abandoned vehicle complaint was vehicles parked on a public roadway with expired or no plates attached.
- ✚ The AVU program will no longer be generating any revenues for the County from the actual car pick-up, storage or sale activities, as the towing operator will both tow, store and collect revenues. The Revenue Authority will earn revenues from the County of \$438,300 (FY 2020), and \$455,000 (Proposed FY 2021), which matches the Authority's expenses for managing the program.
- ✚ DOE still has six (6) employees and their equipment at the County's Abandoned Vehicles lot in Upper Marlboro. DOE plans on transferring the Property Standards Inspectors three (3) employees to the Department of Permitting, Inspections and Enforcement (DPIE) on July 1, 2020. Two (2) employees were supposed to go to the Police department, however, no agreement has been reached to date. One (1) employee will transfer to DOE's Resource Recovery Division on July 1, 2020.
- ✚ There is currently no update on the abandoned vehicles inventory remaining with DOE that will need to be disposed of nor the dates of any planned auctions. The last auction occurred in August 2019.
- ✚ The chart below shows the revenues for the AVU program from FY 2015 – FY 2021 (Proposed). The chart reflects the transfer to the Revenue Authority and hence is showing \$0 revenues for FY 2020 and proposed revenues in FY 2021.



Source: Approved Budget FY 2017 – Proposed FY 2021 (p.404) – Solid Waste Management Revenues

Operating Expenses (Solid Waste)

- In FY 2021, Solid Waste operating expenses are proposed at approximately \$95.8 million, and are comprised of the following major items (excluding Principal and Interest):

Operating Contracts	\$38.2 million
Interagency Charges	23.5 million
General & Administrative Contracts	17.7 million
Depreciation	4.0 million
Post Closure Cost Reserve	3.1 million
Vehicle Equipment Repair and Maintenance	1.5 million

- Overall, operating expenses are increasing by \$826,900, or 0.9%, above the FY 2020 approved level. The accompanying *table on the following page* compares the FY 2021 Proposed Budget operating expenditures with the FY 2020 Approved Budget operating expenditures. In 12 of the categories, the FY 2021 Proposed Budget increases planned spending from the FY 2020 approved budget. In six (6) of the categories, the FY 2021 Proposed Budget level remains unchanged compared to the FY 2020 approved budget. FY 2021 proposed expenditures are being reduced in 6 categories.
- The most significant dollar increase between the FY 2021 Proposed Budget and the FY 2020 Approved Budget is for Post Closure Costs Reserve (\$3.1 million increase), which is based on engineers' estimates for long-term post-closure liability. Interagency Charges are increasing by approximately \$1.4 million due to an increase in recoverable expenses, primarily from DPIE.
- The decrease in General & Administrative Contracts of \$556,200, is primarily due to a decrease in contract costs related to funding requests expenses for operations and maintenance at the Brown Station Road Sanitary Landfill (BSRSL) Leachate Treatment Facility. Operating Contracts are increasing by \$184,600 in FY 2021, primarily for the multi-year Refuse Hauler contracts.

Operating Objects - Solid Waste	FY 2019 Actual	FY 2020 Budget	FY 2021 Proposed	FY 2020 - FY 2021	
				\$ Change	% Change
Post Closure Costs Reserve	\$ 1,347,769	\$ -	\$ 3,100,000	3,100,000	N/A
Principal	2,150,258	-	2,849,000	2,849,000	N/A
Interest	1,659,159	-	1,631,000	1,631,000	N/A
Interagency Charges	19,800,561	22,094,600	23,543,100	1,448,500	6.6%
Operating Contracts	37,790,265	38,046,300	38,230,900	184,600	0.5%
Office Automation	487,134	621,100	755,500	134,400	21.6%
General Office Supplies	294,047	271,200	300,000	28,800	10.6%
Telephone	95,721	88,100	95,800	7,700	8.7%
Printing	20,988	36,200	42,800	6,600	18.2%
Training	5,326	10,000	15,000	5,000	50.0%
Advertising	16,775	13,000	15,000	2,000	15.4%
Utilities	498,687	425,500	425,700	200	0.0%
Postage	1,137	90,000	90,000	-	0.0%
Equipment Lease	29,599	59,100	59,100	-	0.0%
Office and Operating Equipment Non-Capital	25,381	152,500	152,500	-	0.0%
Building Repair/Maintenance	41,305	30,000	30,000	-	0.0%
Grants/Contributions	651,160	660,000	660,000	-	0.0%
Miscellaneous	135,325	-	-	-	N/A
Other Operating Equipment Repair/Maintenance	1,113	2,400	2,000	(400)	-16.7%
Membership Fees	1,541	2,100	1,300	(800)	-38.1%
Vehicle Equipment Repair/Maintenance	1,288,677	1,572,500	1,490,000	(82,500)	-5.2%
Gas and Oil	630,443	835,000	690,000	(145,000)	-17.4%
General & Administrative Contracts	16,779,025	18,314,500	17,681,200	(633,300)	-3.5%
Depreciation	4,455,887	11,690,600	3,981,700	\$ (7,708,900)	-65.9%
TOTAL	88,207,283	95,014,700	95,841,600	826,900	0.9%

Source: FY 2021 First Round Question 16, Attachment 3 - Revised – Solid Waste Management Fund

- The FY 2021 Proposed Budget includes \$3.1 million, to be transferred to the required Landfill Reserves, and remains unchanged from the Approved 2020 contribution level. The Office of Finance is reporting that the FY 2019 reserve levels are as follows: Landfill Closure reserve (approximately \$98.1 million), Revenue Bond Operation and Maintenance Reserve (\$9.0 million), Sandy Hill Landfill Trust Reserve (approximately \$1.9 million), and Unspent Bond Proceeds (approximately \$8.9 million) for a total of approximately \$117.9 million.

Recoveries (Solid Waste)

- Recoveries in FY 2021 are proposed at \$600,000, which remains unchanged from the FY 2020 approved level from the Capital Improvement Program (CIP). The recoveries are from the Sandy Hill Post Closure reserve fund, for expenses incurred by the Department to conduct post closure functions (environmental clean-up) at the Sandy Hill Landfill.

Highlights, Capital Outlay & Maintenance (Solid Waste)

Resource Recovery Division (RRD) – Solid Waste Fund

- The following programs account for the majority of the Fund’s budgetary resources:
 - ✚ Consultant services for regulation and compliance work at the Brown Station Road Sanitary Landfill (BSRSL) and closed Sandy Hill Landfill.
 - ✚ Consultant services and contracted work for Capital Improvement Program (CIP) projects required to maintain the landfill in compliance and to maintain ability to continue to accept municipal solid waste. Leachate collection system, leachate treatment plant, monitoring wells, methane gas - engines, flare(s) slopes stabilization, Stormwater Management ponds, and permitting & development of Area C.
 - ✚ Leachate pump and hauling services.
 - ✚ Operations of the Brown Station Road Sanitary Landfill, and two (2) public convenience centers- which are each open six (6) days a week.
 - ✚ Contractual work to operate and maintain the Materials Recycling Facility (MRF) and Organics Composting Facility.
 - ✚ Equipment maintenance and repair costs to keep landfill and bulky collections equipment operational.

- The following are critical issues the Department is facing or will face in the next three (3) years:
 - ✚ **Recycling** - markets are consistently meager to non-existent and this upsets the economic balance of programs. Greater programs for diversion are essential, and may include re-use, repair, and home-grown programs for domestic use of recycled materials.
 - ✚ **Landfill - BSRSL**
 - Development of Area C of the landfill - it is critical to ensure there are no delays within the various permitting phases, design and construction in order to accept waste by January 2025, as the only two existing cells in Area B, cells I and II will be full in 2025.
 - The landfills has two (2) extremely old trash compactors, with significant number of hours on the machinery and they are no longer compacting at maximum compaction rates. Additionally, the landfill operators are working without the necessary GPS system to ensure minimum compaction rates are being achieved. Therefore, it is critical that the replacements of aging machinery take place as scheduled in order to maintain enough air space in cells 1 and 11 until Area C is completed and ready for accepting waste.
 - ✚ **Taxes/fees**
 - Development of an automated system to capture new homeowners receiving trash, recycling, yard trim and bulky collection services for applying the associated solid waste, recycling, bulky and system benefit charges to associated tax bills. The system will capture, calculate and apply commercial system benefit charges (SBC) fees, as well. Having the appropriate fees applied and paid for services will help shore up the deficit the fund is experiencing.
 - Raising tipping fees at facilities and raising residential and commercial Solid Waste and System Benefit Charge fees.
 - ✚ **Bulky trash collection** - Development of zones and provide for automated routing capability to gain much needed efficiencies.

- The Department is reporting some of the following major Fund successes and achievements in FY 2020:
 - ✚ Phase I permitting of Area C of the landfill.
 - ✚ Reducing bulky scheduling from 3+ weeks to 10 business days.
 - ✚ Reduced the backlog of service request pending cart deliveries.
 - ✚ Area B Phase V Gas project completed in cells 2-10.
 - ✚ Purchase of equipment and supplies to perform in-house stabilization efforts.
 - ✚ Minimized the use of contracted staffing, i.e. CMT
 - ✚ Collaborative efforts to replace the Landfill Gas Pipeline from the Brown Station Road Sanitary Landfill to the County Correctional Facility.
 - ✚ Partnered with Keep Prince George's County Beautiful (KPGCB) to recognize outstanding efforts provided by the County's, businesses, schools, individuals and community groups by hosting the First Annual Waste Diversion and Recycling Award Program.

Also see the Departments First Round Response Q.23c - Solid Waste Management Fund for a list of expanded goals.

- **Residential curbside trash, recycling, yard trim collections, and bulky waste collections**

- ✚ The Department is reporting that year-to-date in FY 2020 (as of March 2020), the RRD has the highest volume of requests via 3-1-1 (CSR Motorola System) was for missed collections broken down as follows: Trash (2,574), Yard Waste (2,404), Recycling (1,581), Bulky (1,387), On Premise (980), Combination of Trash & Recycling both missed and called in as one complaint (268)
- ✚ Filled critical positions within the Resource Recovery Division, Assistant Associate Director, Equipment Operators, Refuse Collection Inspectors, and Laborers.
- ✚ Performed collections monitoring and education and outreach in T&G 590 which comprises of Langley Park, Adelphi, Hillandale, Lewisdale, West Riverdale and Hyattsville - which has a significant recycling contamination problem, illegal bulky-set out/litter issue, and hauler repeat miss collection or improper collection concerns.
- ✚ Total FY 2020 budget for carts is \$525,791, which includes shipping costs and assembly of 4,650 recycling carts, 4,320 trash carts, and spare parts for older carts no longer under warranty to replace damaged carts or those that are taken by residents when they move.
- ✚ The current back-log is 724 carts. A total of 285 recycling carts should be delivered within 3 weeks. There are 439 trash carts that cannot be delivered until an order for trash carts can be placed, with delivery expected in approximately 90 days.
- ✚ The FY 2020 order will include RFIDs (chips). Cost is approximately 75 cents per cart.
- ✚ Instances of missed pickup in FY 2018 (6,880), FY 2019 (7,369), FY 2020 YTD (6,407).
- ✚ Fines assessed to haulers:

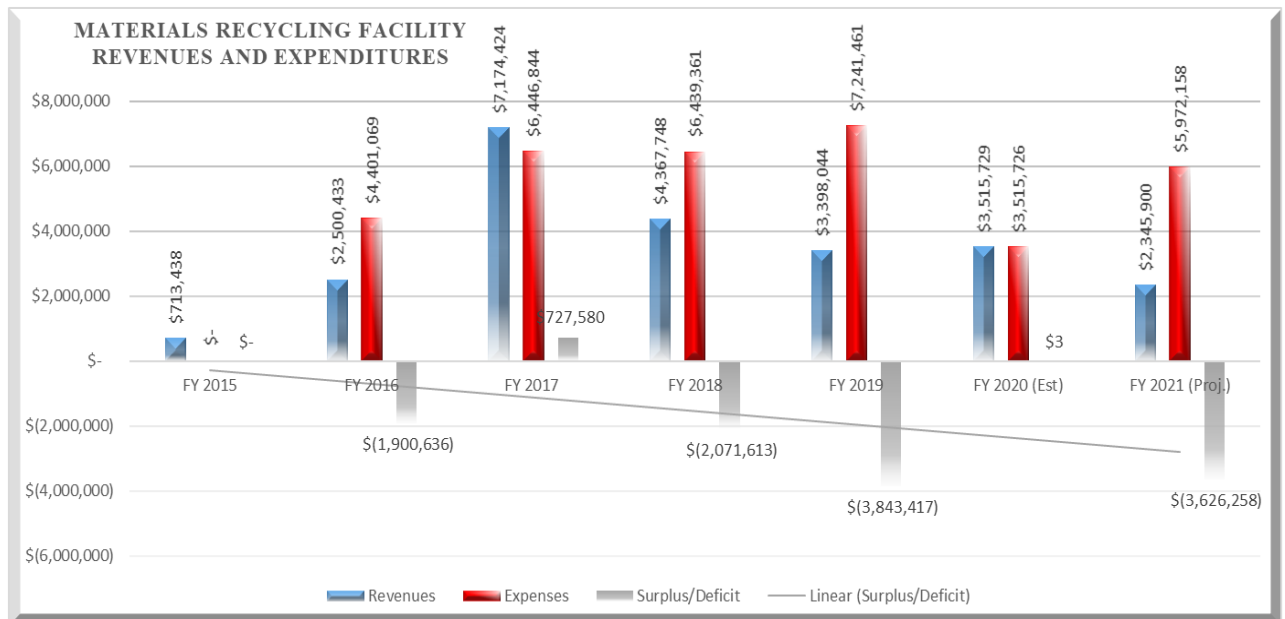
FY2018 - trash - \$142,313; recycling - \$74,789; repeat misses - \$6,500; mixed collections - \$20,000
FY2019 - trash - \$29,396; recycling - \$14,738; repeat misses - \$131,000; mixed collections - \$5,000
FY2020 - trash - \$94,977; recycling - \$25,927; repeat misses - \$6,500; mixed collections - \$10,000

Expansion of Food Composting

- ✚ DoE piloted the curbside collection of food scraps, funded via an Environmental Protection Agency (EPA) grant, between December 2017 and January 2019.
- ✚ Approximately 200 households representing a cross section of the County's residents from north, central and southern communities chose to participate.
- ✚ The communities include Pepper Mill/Carmody Hills, Wilburn, Tantallon/Ft. Washington and West Laurel. An average of 5.5 pounds of food scraps was collected per household per week.
- ✚ Department funding expands residential food scrap collections where the funding will be used to pay for organics carts, kitchen pails, and necessary outreach materials.

Operations of the Materials Recycling Facility (MRF)

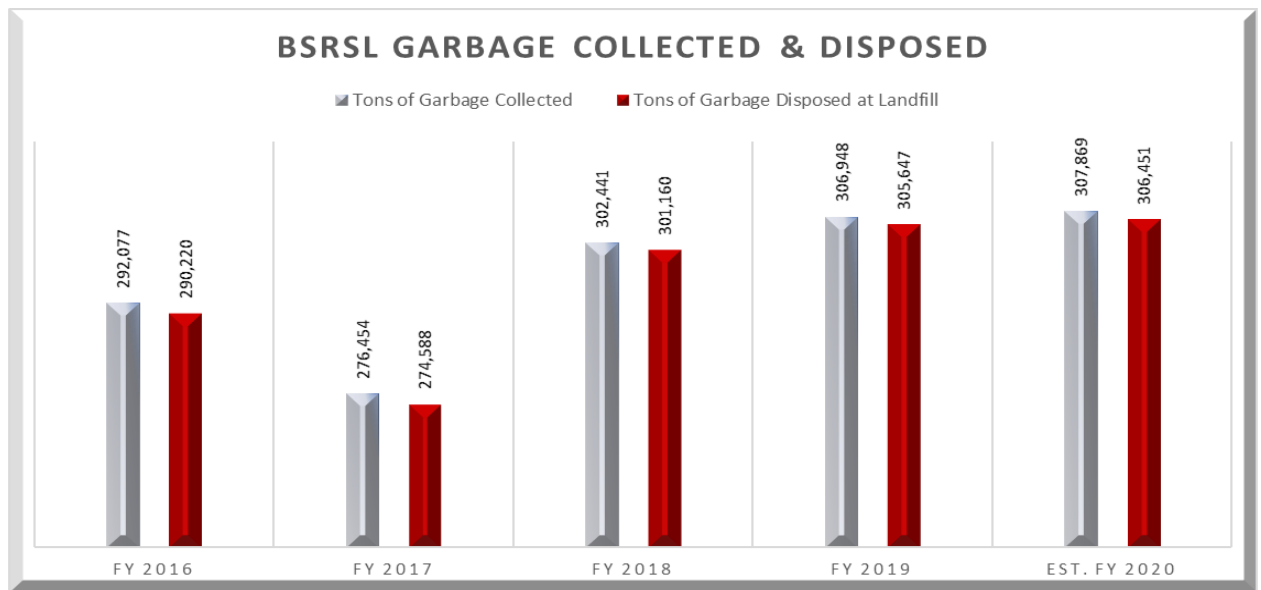
- ✚ The Department is projecting that expenses will exceed revenues for operations and maintenance of the MRF facility in FY 2021 by approximately \$3.6 million. Actual Net losses since the contractor Maryland Environment Services (MES) took over the facility in FY 2016 are approximately \$10.7 million (inclusive of estimated FY 2020 and projected FY 2021 losses). In FY 2015, all expenses were paid by the contractor.
- ✚ The County continues to face challenges with the declining cost of the commodity sales for plastic and paper products. Additional upgrades are being added to the facility to produce a better quality of product and increase the value of material that is being sold.
- ✚ The Department is recommending tip fees at the facility be increased to offset some of the losses.



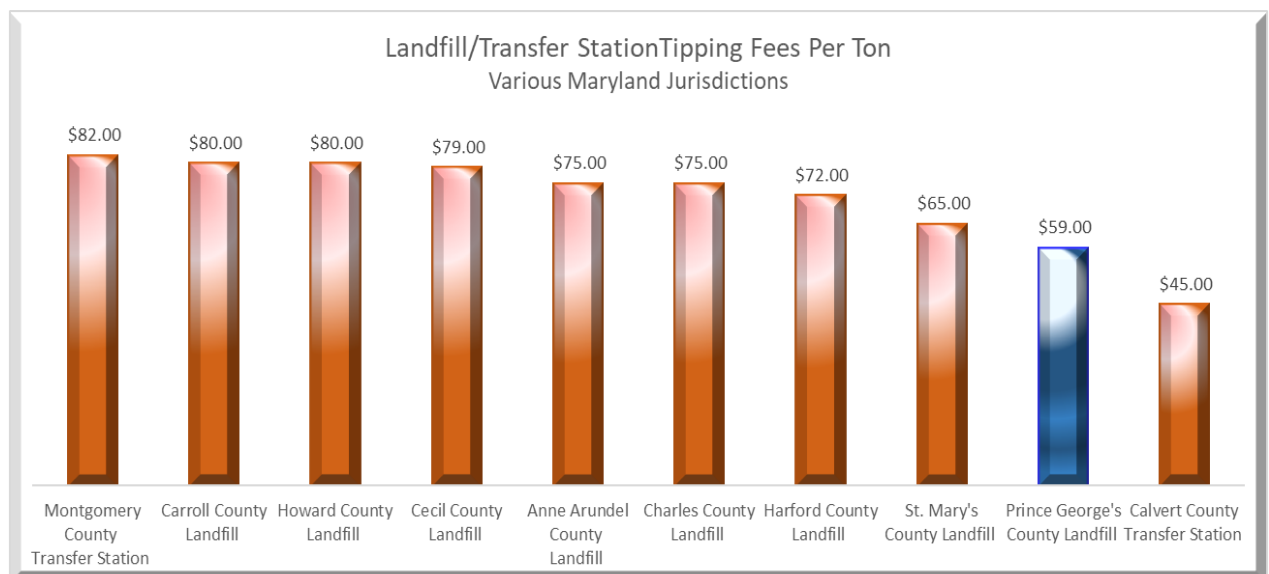
- ✚ The facility suffered a fire on January 16, 2018, with estimated expenses of \$300,00, which includes labor, building damage repair, contractual work, disposal and equipment use. The fire caused closure of the facility for 1.5 weeks. Losses were sustained for recyclables that would have been processed and sold that were delivered prior to the fire, and had to be landfilled.

- ✚ All repairs have been completed. The County's Risk Management division has submitted an insurance claim, which had a deductible of \$200,000. All of the necessary repairs have been made from the fire. The County has been paid by the insurance company for a claim total of \$300,000. Insurance proceeds do not go back to the Solid Waste Management fund, but go instead to the Risk Management Fund.
 - ✚ Funds were used in prior years to make improvements to the MRFs operating infrastructure. Two (2) bailers were replaced, which aided in the increase of production and marketability of commodities. One (1) John Deer Loader was purchased, 14 failing overhead doors throughout the facility were replaced.
 - ✚ FY 2020 funds will be used to purchase a plastics optical sorter. This will improve the marketability and sale of our plastics and paper products. This will also assist in producing a better-quality commodity and decrease the contamination levels. In addition, fire panel replacement, roof repairs, tipping floor repairs, painting and scale replacement will be made at the MRF in FY 2020.
 - ✚ Behavioral changes are needed so that residents can properly dispose of items that are currently being recycled that should not be, such as plastic bags, ropes, metal wire, garden hoses, propane tanks, clothing, straws, polystyrene (Styrofoam), dishes, plastic utensils, and food soiled items and food.
- ***The Brown Station Road Sanitary Landfill (BSRSL) - Councilmanic District 6***
- ✚ Prior to any changes of the planned Area C Infill Project, engineered capacity would be achieved by December 2025. This capacity data is derived from aerial photogrammetry coupled with volumetric calculations. The CY 2020 aerial 'fly-over' was completed in the month of February 2020, and it is anticipated that completion of the final computations by April 2020. It is apparent that this fresh data appears consistent with the CY 2019 estimate of December 2025.
 - ✚ With the phasing of Area C Infill Project and construction of Area C (anticipated to commence in year 2022/2023 with completion by December 2024), the anticipated available airspace capacity (available waste placement volume) will be at approximately 30 years.
 - ✚ Subsequent Area C Infill Project phasing may extend that available airspace capacity well beyond 30 years.
 - ✚ Management of waste beyond the current life of the Brown Station Road Sanitary Landfill will be accomplished through the permitting, design and construction of a planned project Area C Infill Project. Utilizing space within the existing footprint of the existing Landfill, the project simply envelopes the depressions and valleys that exist currently, which have the potential to provide waste capacity for a minimum of 30 years (early phases) and as much as 100 years (eventual phases). The perimeter of the permitted landfill remains the same, with the focus on utilizing multiple valleys and other available areas within the existing footprint.
 - ✚ Permitting with MDE and Phase I of the process has successfully been completed and was started early in the year 2019. Permitting continues with conceptual designs and related requirements of the MDE (and related regulatory agencies). Early projections for completion of the permitting process are July 1, 2023 with construction to immediately follow. Preliminarily, estimated completion of the construction is December 2024.
 - ✚ The total volume of waste capacity derived from the Area C Infill Project has the potential of generating \$1.0 billion in revenue resulting from tipping fees (at current rates per ton).

- The FY 2020 Approved Budget included Capital Outlay of \$10,000 for a Hydraulic Hose Maker to replace damaged hydraulic hoses for the landfill equipment, trucks and compactors.
- The FY 2021 Proposed Budget includes a 29-yard trash compactor for bulky trash pickup at a total cost of \$270,000.
- Municipal Solid Waste volumes placed within the active area of the BSRSL in FY 2020 are projected at 306,451 tons, which reflects an increase in volume from the estimated FY 2019 volume of 305,647 tons, with a projected recapture of solid waste due to recycling of 1,418 tons in FY 2020. *See chart below for tons of garbage collected and disposed from FY 2016-Est. FY 2020.*



- There are currently no proposed changes to tipping fees, and tipping fee revenues are projected to be approximately \$14.83 million in FY 2021. There has been no tipping fees increase since 2010, and at \$59/ton, the County lags behind Montgomery by \$23/ton. *See chart below for fee comparisons with other Maryland counties.*



- ✚ **Councilmanic District 6 - Brown Station Road Sanitary Landfill Leachate Pretreatment Facility Upgrades Project.** Facility is outdated and incapable of pretreating the volume of leachate, and meeting the minimum requirements outlined in the leachate discharge authorization permit. This will result in higher operating costs for the hauling of excess leachate.
 - Currently working with WSSC on planning and conceptual design for essential pre-treatment facility upgrades that will meet WSSC Discharge Permit Requirements. Existing Facility has been in operation for 25 years.

- ✚ **Councilmanic District 6. Feasibility Study for new Brown Station Road Sanitary Landfill Garage,** improved convenience center and Re-Use Center. Re-Use Center further increases opportunities to divert products from disposal to a potential re-user such as furniture, appliances, paints and home goods.

- ✚ The costs associated with the *Landfill Gas to Energy Project*, including the landfill gas to energy plants at BSRS and at the Department of Corrections (DOC), which includes facility management, maintenance, repairs, and regulatory reporting, will continue to have a major impact on the operating budget.
 - The Landfill Gas Pipeline runs 2.5 miles along Brown Station Road from the BSRS to DOC and is used as a fuel source to produce electricity and support boilers and hot water heaters at the Correctional facility.
 - The aged Landfill Gas to Energy infrastructure (30+ years) is in a state of routine failure.
 - Failed infrastructure prohibits prudent uses of landfill gas for the Department of Corrections primary source of electrical power and fuel oil.
 - Benefits to the DoE are minimal. Regulatory obligations can be met through existing flaring facilities located onsite at the Brown Station Road Sanitary Landfill. As such, the Department regulatory obligations related to required destruction of landfill gas are currently realized.
 - DoE derives minimal revenue or benefit, and provides funding/manages all aspects of operations and maintenance of the facilities, the capital costs for major replacements (including the ongoing 2.5-mile pipeline replacement), regulatory requirements for both the Landfill-located compressor and generator facility, and the County Correctional Center located generator facility, and fees for brokerage services relating to sales of excess electricity.
 - In the past two (2) years, the predicted failure of the 2.5-mile landfill gas pipeline (between the Landfill and the County Correctional Center) has failed and is being replaced. The costs are projected to be approximately \$6.0 million.
 - The County Correctional Center has been without Landfill Gas serving their onsite generators or boilers for two years.

▪ ***Post Closure of the Sandy Hill Sanitary Landfill***

- ✚ Last year we reported that earthen and geosynthetic cap repairs and groundwater cut off wall at the closed Sandy Hill Landfill could save the County several millions of dollars annually over the next 30+ years in leachate management costs. The County's Office of Law's opinion was needed to determine whether the contractor, Waste Management, Inc. would be responsible for the associated costs instead of the County.
- ✚ FY 2021 funding is for continued progress with design needs for post-closure care to include replacing of several monitoring wells and other compliance requirements and is proposed at approximately \$3.4 million.

Litter Cleanup and Illegal Dumping

- **The Environmental Crimes Team (ECT)** was created by DOE, and the governing policy was approved by the Executive Branch Administration.
 - ✚ Seven (7) County staff members are assigned to the Team from DOE (3) and one (1) from each of these agencies: DPW&T, DPIE, Police Department, and the Fire Department.
 - ✚ Five (5) camera systems have been deployed. Police Department has brought three illegal dumping cases to the District Court of Maryland for Prince George's County since FY 2019. The State's Attorney Office is handling these cases.
 - ✚ The Police Department has recommended four (4) additional cameras to date at a cost of approximately \$4,600 for equipment and supplies. The volume of sites which may be covertly monitored using supported surveillance systems dictates the need for additional cameras. The technical sophistication of surveillance cameras advances quickly and prices change with such advancement. Costs are subject to change.
- The Department has acquired 33 solar trash/recycling compactors to date at a cost of approximately \$250,000, and plans to acquire 25 dual compactors in FY 2021 at a cost of approximately \$185,000. Please see *Attachment 5 - Big Belly Installations* for locations of installed stations. Staff is in the process of identifying additional bus stops for installation of stations.
- The Department continues to partner with the:
 - ✚ Department of Public Works and Transportation (DPW&T) on roadside litter reduction through the deployment of contractor services to perform routine roadside cleanup and maintain Big Belly solar powered dual trash and recycling stations have been installed at various bus stops,
 - ✚ M-NCPPC on rights of access to installation, maintenance and tours of DoE's Bandalong trash traps at Arundel Canal and Guilford Run;
 - ✚ Police Department on surveillance of hot spots for illegal dumping and increased litter law enforcement;
 - ✚ Department of Permitting, Investigation and Enforcement (DPIE) on cleanup of illegal dump sites through code enforcement;
 - ✚ Prince George's County Public Schools' Schmidt Center on environmental education and activities focusing on litter prevention.

- ***Ten (10) Year Solid Waste Management Plan.*** The County's Ten-Year Solid Waste Management has been updated using CY2017 as the baseline year. Changes are under review by the Office of the County Executive and has not been reviewed or adopted by the Maryland Department of the Environment (MDE) as of yet. *See highlights of the plan in the Department's First Round Response Q.32.*

Budget Comparison - Stormwater Management Enterprise Fund (Stormwater)

Municipal Separate Storm Sewer System (MS4) permit water quality regulations are carried out by the Stormwater Management Division (SMD) and the Sustainability Division (SD).

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 *Municipal Separate Storm Sewer System (MS4)* and *Watershed Implementation Plan (WIP)* requirements facing the County by providing research, outreach, and tracking of sustainability efforts for the Department.

Approved Fiscal Year 2020 to Proposed Fiscal Year 2021 (Stormwater)

Category	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Compensation	\$ 4,544,214	\$ 5,616,000	\$ 4,910,500	\$ 5,857,300	\$ 241,300	4.3%
Fringe Benefits	2,495,231	2,976,500	2,602,600	3,121,900	145,400	4.9%
Operating Expenses	36,684,261	56,225,000	57,000,600	60,425,900	4,200,900	7.5%
Sub-Total	\$ 43,723,706	\$ 64,817,500	\$ 64,513,700	\$ 69,405,100	\$ 4,587,600	7.1%
Recoveries	(2,313,596)	(1,724,000)	(1,724,000)	(3,049,500)	(1,325,500)	76.9%
Total	\$ 41,410,110	\$ 63,093,500	\$ 62,789,700	\$ 66,355,600	\$ 3,262,100	5.2%

Authorized Staffing Count

	FY 2020 Approved	FY 2021 Proposed	Change Amount	Percentage Change
Full-Time	61	61	0	0.0%
Total	61	61	0	0.0%

Staffing Changes and Compensation (Stormwater)

- The proposed FY 2021 compensation total of approximately \$5.8 million, includes funds for 61 full-time positions, with the staffing level remaining unchanged from the FY 2020 Approved Budget level.
- In FY 2021, compensation expenditures increased by \$241,300, or 4.3%, over the FY 2020 Approved Budget, due to anticipated merit increases and cost-of-living adjustments.
- As of March 5, 2020, the Department expects to have a total of 19 vacancies in FY 2021 and the Proposed FY 2021 budget includes funding for all of these positions. A listing of the vacant positions is shown on *Attachments 1 and 2; FY 2020 -2021 Proposed Vacancies* in the Department’s response to *First Round Budget Review Q.1 & Q.8*.
- The mission critical jobs for Stormwater are Engineers. Going forward, the Department does not foresee salary as a major factor with hiring; however, growth opportunities may still be a factor in keeping lower-level Engineers.
- In FY 2019, the Department has one (1) Stormwater funded position that has been assigned to the Department of Public Works and Transportation (DPW&T) since 2008, which is expected to continue in FY 2021 – an

Engineering Technician, 4A, who coordinates various projects/programs. Currently, no other staff members are assigned to the Department from other agencies.

- The Department reported that its current rate of attrition is 8%, and cites the key factors contributing to the current attrition level are employee retirement, career mobility/growth. Three (3) high level Engineers have left the Department, and others in the same classification are taking on additional responsibilities until a permanent solution is in place.

Fringe Benefits (Stormwater)

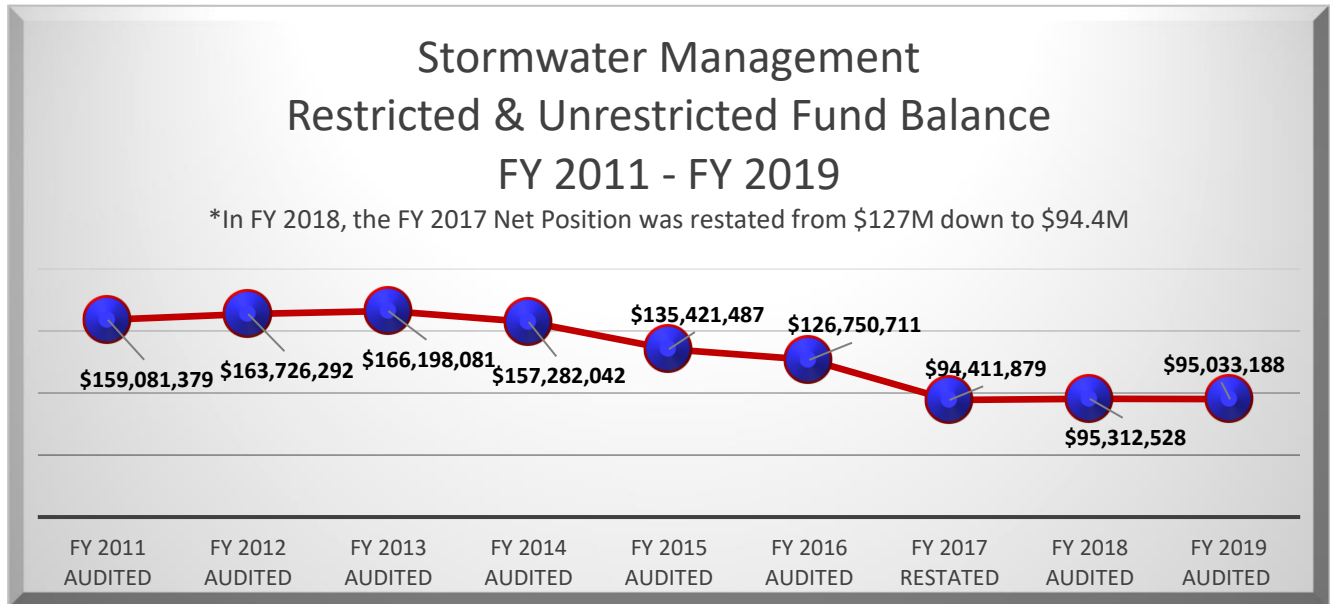
- FY 2021 Fringe Benefits are proposed at approximately \$3.1 million, an increase of approximately \$145,400, or 4.9%, over the FY 2020 approved level, to reflect anticipated costs. The increase in fringe benefit expenditures includes \$1.3 million for other postemployment benefits (OPEB) costs.
- A five-year trend analysis of fringe benefit expenditures is included below:

Fringe Benefits Historical Trend (Stormwater - EF5100)					
	FY 2017 Actual	FY 2018 Actual	FY 2019 Actual	FY 2020 Estimate	FY 2021 Proposed
Fringe Benefits Expenditures	\$ 4,689,438	\$ 3,307,089	\$ 2,495,231	\$ 2,602,600	\$ 3,121,900
As a % of Compensation	92.1%	68.8%	51.5%	53.0%	53.3%
Annual % Change	21.5%	-29.5%	-24.5%	4%	20.0%

Fund Balance (Stormwater)

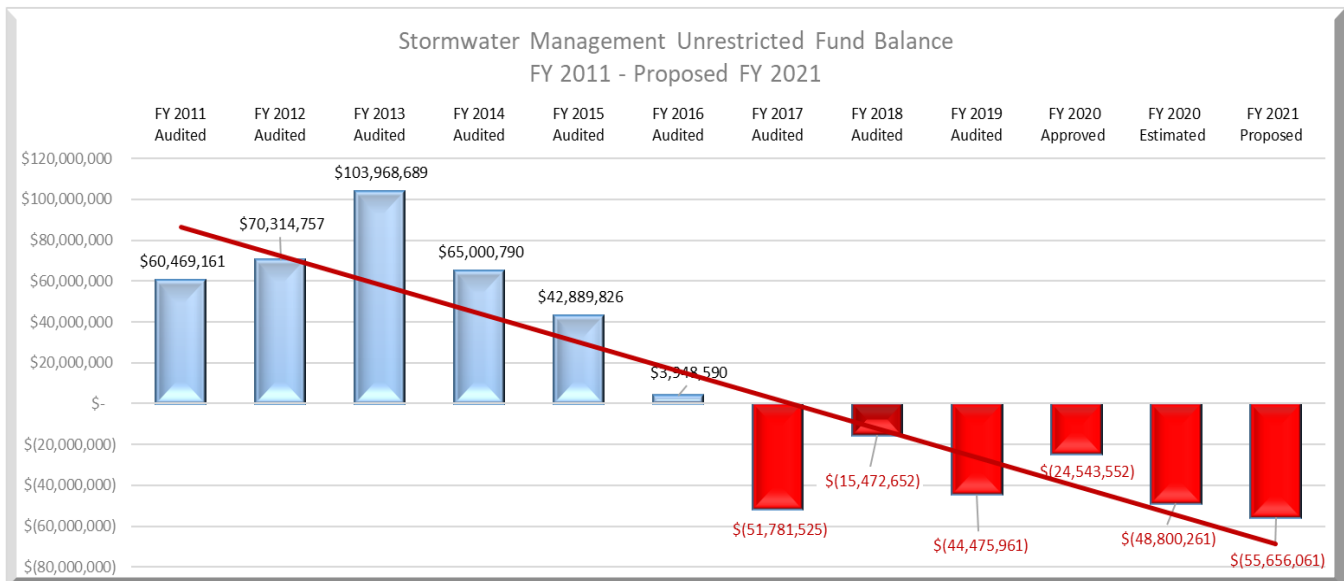
- The FY 2018 audited Financial Statements indicated that an accounting change resulted in the restatement of the County’s Fiscal Year 2017 government-wide and proprietary fund financial statements with respect to the reporting of Other Post-Employment Benefits (OPEB). As a result of the restatement 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 approximately \$127 million.
- 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 \$95.03 million at the end of FY 2019. 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 on the following page.*
- In FY 2019, the Stormwater Enterprise Fund received funding from General Obligation Bonds in the amount of \$65.4 million for capital improvements. This impacted the Unrestricted Fund balance with a negative balance of (\$44.5 million) as opposed to (\$15.4 million) down from FY 2018 by \$29.1 million. Also, the net of nonoperating revenues was down by \$2.3 million primarily a result of an increase in Interest Expense of \$4.1 million.

- The Administration is currently reviewing the revenue structure for the Stormwater Fund and discussing potential measures to address any structural deficits. There is continued impact from Interagency Charges which has contributed to the structural deficit in this fund.



Source: Prior Years CAFRs and FY 2021 Proposed Budget page 408

- According to the financial statements for FY 2019, the **unrestricted** fund balance deficit for the Stormwater Enterprise Fund is approximately \$44.5 million. OMB is estimating the FY 2020 ending **unrestricted** fund balance the deficit is approximately \$48.8 million. The proposed ending **unrestricted** fund balance deficit is projected to be approximately \$55.7 million in FY 2021. See chart on below.



- The proposed FY 2021 budget includes the use of approximately \$21.4 million in fund balance, or \$660,100 decrease, under the FY 2020 approved amount, to cover anticipated expenditures.

- In FY 2020, the Department is proposing the transfer of approximately \$3.6 million of Water Quality funds to the Stormwater fund to cover expenditures.
- In FY 2020, the Stormwater Management Enterprise Fund is estimated to have \$150,000 net income as a result of reducing costs.

Grants (Stormwater)

- The Department pursues Federal and State grants to support CIP programs. In FY 2020, the Department has secured an additional \$75,000 in Federal and State grant funding and has another \$2.25 million in grant funding requests in process. Details are included in the Stormwater CIP section of the report, starting on page 32.

Revenues (Stormwater)

- In FY 2021, the proposed revenue sources for the Stormwater fund are increasing by \$3.8 million, or 4.8%, over the current year's level, excluding the use of fund balance and the transfer of funds from the Water Quality fund. Please see *Appendix 2* of this report which provides a breakdown of the Fund's revenues.
- The Fund's proposed revenues in FY 2021 are expected to increase in eight (8) categories, remain unchanged for one (1) category, and decrease in seven (7) categories. In FY 2021, the largest projected increases in revenues are anticipated for Federal and State Grant Revenue (\$205,000), Tree Preservation (\$184,000), Miscellaneous (\$1,700).
- In FY 2021, the largest projected decreases in revenues is anticipated for Restoration Fee/Lieu (\$15,000), Pond Fees (\$228,600), and Sales of Plans (\$3,000).

Operating Expenses (Stormwater)

- In FY 2021, Stormwater Management operating expenses (*see table below*) are proposed at approximately \$60.4 million, and are composed of the following major items:

✚ Cash Grant Match/Principle and Interest	\$ 25.9 million
✚ Interagency Charges	23.4 million
✚ General & Administrative Contracts	5.6 million
✚ Depreciation	4.5 million
✚ Office Automation	0.4 million

- Overall, FY 2021 operating expenses are increasing approximately \$4.2 million, or 7.7%, over the FY 2020 approved level, primarily due to increases in principal and interest payments for prior-year Stormwater Bond debt and capital depreciation. The accompanying table compares the FY 2021 Proposed Budget operating expenditures with the FY 2020 Approved Budget. In seven (7) of the categories, the FY 2021 Proposed Budget increases planned spending from the FY 2020 approved budget. FY 2021 proposed expenditures decrease in seven (7) categories and remain unchanged for five (5) categories.
- The most significant dollar reductions between the FY 2021 Proposed Budget and the FY 2020 Approved Budget are: Office Automation (\$632,200 reduction), and Other/Miscellaneous (\$150,000 reduction) due to alignment to anticipated spending.

Stormwater Fund Operating Objects	FY 2019 Actual	FY 2020 Approved	FY 2021 Proposed	FY 2020 - FY 2021	
				\$ Change	% Change
Grant Cash Match/Principle and Interest	\$ 9,040,134	\$ 21,781,000	\$ 25,926,400	4,145,400	19.0%
Interagency Charges	18,624,169	22,798,400	23,413,300	614,900	2.7%
Grant/Contributions	101,489	-	250,000	250,000	N/A
Telephone	43,564	30,500	45,200	14,700	48.2%
Membership Fees	109,949	109,900	117,900	8,000	7.3%
Equipment Lease	11,126	9,500	13,000	3,500	36.8%
Mileage Reimbursement	197	-	200	200	N/A
Depreciation	3,563,369	4,460,000	4,460,000	-	0.0%
Training	30,185	22,700	22,700	-	0.0%
General & Administrative Contracts	4,497,508	5,639,100	5,639,100	-	0.0%
Operating Contracts	1,075	-	-	-	N/A
Office Building Rental	600	-	-	-	N/A
Advertising	554	2,900	1,000	(1,900)	-65.5%
Vehicle Equipment Repair/Maintenance	38,517	43,400	40,900	(2,500)	-5.8%
Office and Operating Equipment Non-Capital	-	5,000	-	(5,000)	-100.0%
Printing	787	22,500	8,000	(14,500)	-64.4%
General Office Supplies	46,056	79,700	50,000	(29,700)	-37.3%
Other/Miscellaneous	(652)	150,000	-	(150,000)	-100.0%
Office Automation	575,634	1,070,400	438,200	(632,200)	-59.1%
TOTAL	\$ 36,684,261	\$ 56,225,000	\$ 60,425,900	\$ 4,200,900	7.5%

Source: Stormwater - FY 2021 First Round Budget Response Q.16, page 5 (Attachment #3-Revised) and OMB correspondence.

Highlights (Stormwater)

Stormwater Management Division (SMD)

- Increased mandates from Federal and State Regulations (National Pollutant Discharge Elimination System/Municipal Separate Storm Sewer System (NPDES/MS4) permit and the WIP II), continue to drive programs and operations within the Division, impacting workload and performance.
- The County has treated 2,462 impervious acres or 40% of the targeted 6,105 acres in the current permit term. The Department remains committed to restoration of the full 6,105 acres to the maximum extent practicable as demonstrated by the approval of the Clean Water Partnership (CWP) expanded area option, which provides an additional 2,000 acres of restoration and the continued development of project inventory within the CIP program. The table below provides details on restoration efforts:

Restoration Programs	Impervious Acres Credit (acres)
Clean Water Partnership	1,329.55
DoE CIP	334.28
DPWT (Outfall)	2.57
Other ESDs through various Program	77.91
Operational Program (Street Sweeping, Storm Drain Vacuuming, Tree Planting) Operational Programs so we use Average for 5.5 years	447.68
WSSC Stream Restoration	270.11
Total	2,462.1

Sustainability Division (SD)

- The Department is proposing a name change to the Natural Resources and Flood Protection Division to be less broad, and includes environmental education, policy and planning services (anti-litter, beautification, resource mapping, air pollution), with no short nor long-term fiscal implications to the Department or the County.
- Compliance with the County's NPDES/MS4 permit continues for litter reduction and public outreach/education in the Sustainability Division's workload and performance in FY 2020.
- The SD is responsible for ensuring that the County is on course to fulfill the permit requirements for:
 - 1) **Public outreach and education** on household hazardous waste, pet waste, lawn care, car care, and litter reduction.
 - ✚ Attempting to engage PGCPSS students in the Beautification Campaign through dissemination of materials and interactive sessions focusing on litter prevention, tree canopy expansion, stormwater pollution reduction.
 - ✚ Staff have incorporated outreach on stormwater BMPs and pollution prevention into litter, tree and master gardener related activities and presentations for school faculty and staff.
 - ✚ The Department has secured grant funding from NOAA to support educational activities with PGCPSS. These activities will focus on marine debris prevention and litter reduction in general. The Department has applied for a second grant with NOAA to continue this partnership with PGCPSS to cultivate environmental responsibility and ownership in students.
 - 2) **Litter and trash reduction** in accordance with the trash Total Maximum Daily Load (TMDL) for the Anacostia River Watershed; the target annual litter load reduction for the MS4 part of the TMDL is 170,628 pounds.
 - ✚ In FY 2019, the Litter Reduction Program devoted much of its effort to building capacity for litter prevention and capture through collaborations with colleagues and peer agencies on an anti-litter marketing campaign and investments in Big Belly solar powered trash and recycling stations.
 - ✚ For this capacity-building year, the litter load reduction fell short of the target annual load reduction of 170,628 pounds per year.
 - ✚ The anti-litter marketing campaign launched January 2020 and 27 Big Belly stations have been deployed to date. It is anticipated that these two additional tools will help the Department to achieve the target load reduction in FY 2020.
- Various other SD initiatives include:
 - ✚ Staffing and final report production for the Prince George's County Environmental Justice Commission in response to 2019 House Bill 1362.
 - ✚ Anti-litter marketing campaign under the County Executive's Beautification Initiative.
 - ✚ Residential and municipal drainage and sinkhole problems driven by extended periods of saturated ground conditions.
 - ✚ Development of a plan to address nuisance flooding in response to Maryland House Bill 1427.
 - ✚ Replacement of the legacy GeoStorm watershed modeling system with more advanced and

industry approved suite of GIS-based modeling tools.

- SD staff partners with outside organizations to meet their vision and goals, such as PGCPS, Anacostia Watershed Society, Anacostia Riverkeeper, University of Maryland Extension, M-NCPPC, University of Maryland School of Public Policy and other organizations to protect and enhance our natural environment through environmental education, urban tree canopy expansion, stormwater pollution prevention and new/amended policies.

See additional details related to SD's initiatives in the Department's response to First Round (FR) Budget Review Q.23j-r, pages 12-14.

- Maryland House Bill 1362 (2019) requires the County to staff the Prince George's County Environmental Justice Commission and Maryland House Bill 1427 (2019) requires the County to develop a plan to address nuisance flooding. DoE has ownership of action items in response to these bills. Staff and other resource support for these bills is funded under Fund 5100.

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 new 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. Also known as the Water Quality Fund, monies are used to support 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 2020 to Proposed Fiscal Year 2021 (Water Quality)

Category	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Compensation	\$ 833,267	\$ 1,113,500	\$ 1,010,300	\$ 1,127,800	\$ 14,300	1.3%
Fringe Benefits	191,849	332,900	300,900	337,200	4,300	1.3%
Operating Expenses	7,626,555	14,485,900	12,535,700	15,853,100	1,367,200	9.4%
Total	\$ 8,651,671	\$ 15,932,300	\$ 13,846,900	\$ 17,318,100	1,385,800	8.7%

The Water Quality Enterprise Fund’s proposed FY 2021 revenues and expenditures, as compared to the approved FY 2020 revenues and expenditures, are shown in more detail in *Appendix 3, immediately following the end of this report.*

Staffing and Compensation (Water Quality)

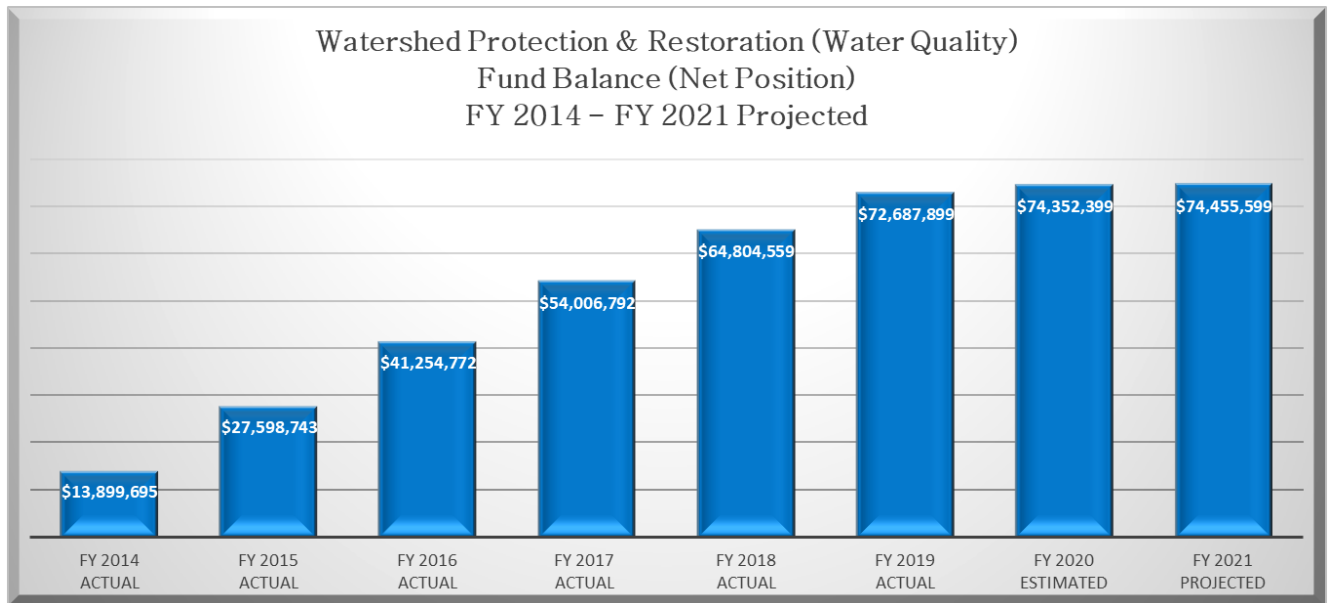
- The proposed FY 2021 compensation totals approximately \$1.1 million, an increase of \$14,300, or 1.3%, over the FY 2020 approved budget amount, and is primarily due to mandated salary requirements. The funding level provided is for ten (10) full-time positions and remains unchanged from the FY 2020 approved budget level.
- In FY 2021, the Department anticipates two (2) funded vacancy for an Engineer IV positions.

Fringe Benefits (Water Quality)

- FY 2021 Fringe Benefits are proposed at \$337,200, which represents an increase of \$4,300, or 1.3%, over the FY 2020 approved level due to an increase in compensation and to reflect anticipated costs.

Fund Balance (Water Quality)

- The Water Quality fund balance is estimated to be approximately \$74.4 million by the end of FY 2020 and is projected to be approximately \$74.5 million at the end of FY 2021. According to the FY 2019 audited financial statements, approximately \$78.7 million of the FY 2019 fund balance are *restricted* for investment in capital assets, and the unrestricted fund balance was a deficit of approximately \$6.1 million.
- In FY 2021, there is a proposed transfer of approximately \$3.6 million to the Stormwater Management Fund.



Source: CAFRs & Proposed FY 2021 Budget p.369, First Round Response Q.30

Revenues and Use of Fund Balance (Water Quality)

- Clean Water Act Fees – Consist of an assessed for all properties within the County. This is an annual administrative flat fee of \$20.58 and impact fees based on \$20.90/ESU (ESU=2,465 square feet of impervious surface area.
- While there are no changes in fees in FY 2021, the Department is reporting that the proposed revenues generated from the Clean Water Act Fees are increasing by approximately \$1.4 million, or 8.7%, over the FY 2020 Approved Budget levels to approximately \$17.3 million primarily due to the use of fund balance.
- In FY 2021 and beyond the Council adopted the state required two-year financial assurance plan (FAP) for completion of water quality restoration requirements for the County’s NPDES MS4 permit submitted by the County Executive. As mandated by MDE, the FAP displayed the cost for the Total Permit Term and Projected Years (FY 2014 - FY 2024). The cost is shown as \$342 million. It compares favorably to the \$348 million in the recently developed DOE-proposed CWP five-year budget and is aligned with the estimated costs of \$50-55,000/acre.
- In FY 2020, the Department does not anticipate utilizing the approved budgeted amount of \$431,800 of fund balance to cover expenses. The Department is proposing the use of approximately \$1.7 million in fund balance to cover expenses in FY 2021. Interest income in FY 2021 is proposed to increase to \$1 million, or \$100,000 more than the Approved FY 2020 level.

Operating Expenses (Water Quality)

- In FY 2021, Water Quality operating expenses are proposed at approximately \$15.9 million, and are comprised of the following major items: Operating Contracts (approximately \$7.7 million), Transfers Out (approximately \$3.6 million), and Debt Service – Principal (approximately \$3.2 million).

- Overall, FY 2021 operating expenses are decreasing by \$644,400, or 4.4%, under the FY 2020 approved budgeted level, due to the removal of a one-time operating expense transfer appropriated in FY 2020 to support Phase II of the Clean Water Partnership activities, which was replaced by financing through the Water Quality Revolving Loan Program.
- The accompanying table *on the following page* compares the FY 2021 Proposed Budget operating expenditures with the FY 2020 Approved Budget operating expenditures. In five (5) of the categories, the FY 2021 Proposed Budget increases planned spending from the FY 2020 Approved Budget, and proposed expenditures decrease in one (1) category.

Water Quality Operating Objects	FY 2019 Actual	FY 2020 Approved	FY 2021 Proposed	FY 2020 - FY 2021	
				\$ Change	% Change
Principal	-	\$ 1,172,900	\$ 3,184,500	\$ 2,011,600	171.5%
Grants & Contributions	-	-	245,000	245,000	N/A
General & Administrative Contracts	-	-	217,500	217,500	N/A
Interest	-	718,900	880,600	161,700	22.5%
Transfer Out	-	3,624,500	3,624,700	200	0.0%
Operating Contracts	7,626,555	8,969,600	7,700,800	(1,268,800)	-14.1%
TOTAL	\$ 7,626,555	\$ 14,485,900	\$ 15,853,100	\$ (644,400)	-4.4%

- The most significant dollar increase between the FY 2021 Proposed Budget and the FY 2020 Approved Budget other than Principal, is Grants & Contributions (\$245,000 increase) for the Retrofit Rebate Program.
- The most significant dollar reduction between the FY 2021 Proposed Budget and the FY 2020 Approved Budget is for Operating Contracts (approximately \$1.3 million decrease), primarily due to the reduction in funding to the Maryland Environmental Service (MES) for Third Party Certification Inspection for P3 Project Implementation payments to the Escrow Account. This was moved to the CIP starting in FY 2020.
- The largest operating contracts in FY 2021 are proposed for Zions Bancorporation contracts at approximately \$6.4 million for the following:
 - ✚ BMP Maintenance Payment to the Escrow Account ~\$3.4 million
 - ✚ Social and Economic Program Payments to the Escrow Account ~3.0 million
 - ✚ Escrow Services 1,500

A complete list of operating contracts is included in the response to the *First Round Budget Responses Q.17*

Highlights (Water Quality)

- The County’s Clean Water Partnership (CWP/P3), a first of its kind multi-year public-private partnership, was created to achieve timely and cost-effective compliance with the MS4 Permit by retrofitting and maintaining the County’s stormwater management devices.
- The Clean Water Partnership had an initial objective to provide 2,000 acres of impervious area treatment by March 2018. The CWP vendor is required to develop and implement innovative water quality Best

Management Practices (BMPs), technology, operation and installation methods to generate efficient and systematic production of standard projects.

- In November 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 and improving the County’s ability to finance this additional work by securing an additional \$65 million in State Revolving Loan funds by the introduction of an escrow agent method of payment which significantly reduces the amount of time the target class businesses are paid, thus significantly reducing the cost.

▪ **Supporting Programs:**

- ✚ **Rain Check Program** – Includes Rain Check Rebates, the Alternative Compliance Program, and Stormwater Stewardship Grants which provide incentives for the installation of smaller scale BMPs, educational outreach programs, and good housekeeping practices targeted at achieving water quality benefits. See the *table below* for approved rebate and impervious area treated since inception.

Approved Rebate & Impervious Area Treated Since Inception (As of 12/31/2019)							
BMP Type	Number of Applications Approved	Actual Number BMPs Installed	Impervious Area Treated (square feet)	Impervious Area Treated (acres)	Amount of Approved Rebate	Factor	Cost per Acre
Cistern	10	16	8,601	0.20	\$10,476	5.06	\$53,056
Pavement Removal	103	103	47,382	1.09	\$148,012	0.92	\$136,072
Permeable Pavement	77	77	39,693	0.91	\$194,033	1.10	\$212,935
Rain Barrels	343	679	209,200	4.80	\$58,559	0.21	\$12,193
Rain Garden	58	81	114,760	2.63	\$150,286	0.38	\$57,045
Urban Tree Canopy	70	353	59,798	1.37	\$40,274	0.73	\$29,338
Green Roof	0	0	0	0	\$0	0.00	\$0
Total	661	1,309	479,434	11.01	\$601,640	8.40	\$500,639

- ✓ Significant gains overall in the Rain Check Rebate Program – In FY 2019 – 105 BMPs installed, \$43,457 in rebates awarded in Q3 of FY 2019, resulting in .89 impervious acres restored.
- ✓ Stormwater Stewardship Grants - Provides grant opportunities to non-profit organizations for construction of water quality restoration projects, and water quality related education and outreach campaigns. Fourteen (14) recipients were awarded \$979,000 in FY 2020 (*see below*), and \$6.38 million has been awarded to 78 recipients since inception.

Grant #	Organization	Abstract	Request Amount
17675	Anacostia Watershed Society	Tree Planting (100+)	\$ 23,453
17690	Town of Cheverly	Rain Garden	\$ 54,954
17686	City of Mount Rainier	Bioretention/Rain Garden	\$ 196,000
17674	Alice Ferguson Foundation	Build two Educational BMPs.	\$ 140,000
17687	Town of Edmonston	Build Curb Side Rain Gardens	\$ 68,527
17688	GreenTrust Alliance Inc.	Plant Tree Buffer.	\$ 50,000
17689	Global Health and Education Projects, Inc.	Tree Planting (200+)	\$ 115,969
17683	Central Kenilworth Avenue Revitalization	Tree Planting (300+)	\$ 134,031
17678	EcoLatinos, Inc.	Community Messaging	\$ 23,694
17679	Anacostia Watershed Society	Outreach to communities	\$ 11,510
17681	EcoLatinos, Inc.	Outreach for Raincheck Rebate	\$ 18,993
17684	University System of Maryland Foundation-	Outreach to HOAs.	\$ 50,000
17682	City of Hyattsville	Tree Planting	\$ 60,762
17685	End Time Harvest Ministries	Youth Ambassadors	\$ 31,163
			\$ 979,056

Budget Comparison – General Fund

Approved Fiscal Year 2020 to Proposed Fiscal Year 2021 – General Fund

Category	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Compensation	\$ 5,864,644	\$ 6,762,800	\$ 6,244,300	\$ 7,172,500	\$ 409,700	6.1%
Fringe Benefits	2,103,004	2,367,000	2,241,700	2,596,500	229,500	9.7%
Operating Expenses	1,392,924	1,384,600	1,548,500	1,568,700	184,100	13.3%
Sub-Total	\$ 9,360,572	\$ 10,514,400	\$ 10,034,500	\$ 11,337,700	\$ 823,300	7.8%
Recoveries	(5,072,211)	(5,850,700)	(5,370,800)	(6,212,300)	\$ (361,600)	6.2%
Total	\$ 4,288,361	\$ 4,663,700	\$ 4,663,700	\$ 5,125,400	\$ 461,700	9.9%

Authorized Staffing Count – General Fund

	FY 2020 Approved	FY 2021 Proposed	Change Amount	Percentage Change
Full-Time	114	118	4	3.5%
Part-Time	0	0	0	0.0%
Total	114	118	4	3.5%

Staffing Changes and Compensation – General Fund

- Proposed FY 2021 General Funds are provided for 118 full-time positions, an increase of four (4) positions compared to the FY 2020 Approved Budget for new Animal Care Attendant position. As of March 5, 2020, the Department reported 14 vacant General Fund positions, with all of these positions proposed to be funded in FY 2021. The Department indicates that improvements are still needed in all areas of the hiring process.
- FY 2021 proposed General Fund compensation is approximately \$7.2 million, an increase of \$409,700, or 6.1%, over the FY 2020 Approved Budget, primarily due to mandated salary requirements and new positions.
- The proposed compensation includes \$50,000 budgeted for overtime/compensatory time expenditures which are incurred by the Animal Services Division which operates 24 hours a day/7 days a week. Since there is often a shortage of staff, overtime becomes necessary in order to keep the facility operational.
- In FY 2020, the Department has one (1) general funded position assigned to another agency, an Administrative Specialist II (Office of the County Executive, since 2011). This assignment is likely to continue in FY 2021.
- The Department reports that they hard-to-fill positions in the General Fund continue to be filling Animal Care Attendant positions, as these positions have a high turnover rate due mainly to the starting salary. The starting salary for this position in the County is \$33,204 as compared to Montgomery County, where the starting salary is \$38,629. DOE has tried to mitigate the high turnover by offering 10% above entry level compensation to new hires. (See *Appendix 4* attached for Salary Schedules comparison with surrounding jurisdictions for Animal Services Facility employees).
- The Office of Human Resources Management (OHRM) is submitting legislation to modify the Animal Care Attendant to a dually allocated class of work and add a level 3 to perform duties that are currently performed

by Animal Control Officers to assist with recruitment and retention of Animal Control Attendants. Additionally, in accordance with County Code 16-148, the entry level of this class will be filled through direct hire authority (non-competitive).

- The General Fund attrition rate is 8% in FY 2020 (YTD), with nine (9) resignations due to a lack of promotional opportunities and starting salaries.

Fringe Benefits – General Fund

- FY 2021 Fringe Benefits are proposed at approximately \$2.6 million, an increase of \$229,500, or 9.7%, over the FY 2020 approved level due to an increase in compensation and to reflect anticipated costs. A five-year trend analysis of fringe benefit expenditures is included in the table below.

	FY 2017 Actual	FY 2018 Actual	FY 2019 Actual	FY 2020 Estimate	FY 2021 Proposed
Fringe Benefits Expenditures	\$ 2,218,604	\$ 2,169,383	\$ 2,103,004	\$ 2,241,700	\$ 2,596,500
As a % of Compensation	38.9%	37.7%	35.9%	35.9%	36.2%
Annual % Change		-2.2%	-3.1%	6.6%	15.8%

Operating Expenses – General Fund

- In FY 2021, General Fund operating expenses are proposed at approximately \$1.4 million, and are comprised of the following major items:

✚ Operating Contracts	\$660,900
✚ Office Automation	407,900
✚ General Office Supplies	100,000
✚ Gas and Oil	95,000

- Overall, operating expenses are increasing by \$184,100, or 13.2%, over the FY 2020 approved level. The table on the following page compares the FY 2021 Proposed Budget operating expenditures with the FY 2020 Approved Budget operating expenditures. In 12 of the categories, the FY 2021 Proposed Budget increases planned spending above the FY 2020 budgeted amount. In two (2) of the categories, the FY 2021 Proposed Budget level remains unchanged compared to the FY 2020 budget. FY 2021 expenditures decrease in three (3) categories.
- The largest expenditure is Operating Contracts (\$660,900), and represents a \$17,900 increase between the FY 2021 Proposed Budget and the FY 2020 Approved Budget, which is due to increases in contractual services for veterinarian services and temporary administrative support.
- The most significant dollar increase between the FY 2021 Proposed Budget and the FY 2020 Approved Budget is in Office Automation (\$79,400 increase), due to an increase in technology allocation costs.

Operating Objects - General Fund	FY 2019 Actual	FY 2020 Budget	FY 2021 Proposed	FY 2019 - FY 2020	
				\$ Change	% Change
Office Automation	\$ 309,398	\$ 328,500	\$ 407,900	79,400	24.2%
General & Administrative Contracts	90,242	20,500	84,600	64,100	312.7%
Operating Contracts	\$ 582,456	\$ 643,000	\$ 660,900	17,900	2.8%
Office and Operating Equipment Non-Capital	23,095	2500	20,000	17,500	700.0%
General Office Supplies	96,685	90,000	100,000	10,000	11.1%
Gas and Oil	100,832	90,000	95,000	5,000	5.6%
Training	21,154	24,800	26,100	1,300	5.2%
Advertising	1,040	-	1,200	1,200	N/A
Equipment Lease	4,899	7,500	8,600	1,100	14.7%
Building Repair/Maintenance	5,833	12,000	13,000	1,000	8.3%
Membership Fees	557	200	500	300	150.0%
Data/Voice	1,569	1,400	1,500	100	7.1%
Mileage Reimbursement	440	-	-	-	N/A
Miscellaneous	2,434	-	-	-	N/A
Printing	4,913	8,700	6,000	(2,700)	-31.0%
Telephone	65,138	73,400	69,400	(4,000)	-5.4%
Vehicle Equipment Repair/Maintenance	76,539	82,100	74,000	(8,100)	-9.9%
Total	\$ 1,392,924	\$ 1,384,600	\$ 1,568,700	\$ 184,100	13.3%

Recoveries – General Fund

- Proposed recoveries for FY 2021 total approximately \$6.2 million, an increase of \$361,600, or 6.2%, over the FY 2020 budget, due to an alignment of the recoveries to historical actual spending rates in recoverable compensation, fringe and operating expenditures, impacting both the Solid Waste Management and Stormwater Management Enterprise Funds.

Highlights – General Fund

- The majority of the Animal Services Division’s (ASD) resources are for compensation and fringe benefit expenses, followed by operational expenses for its Animal Care and Treatment program which includes costs associated with pharmaceuticals, veterinary expenses, animal care taking etc.
- The Department is reporting the following regarding its Animal Services Division (ASD):
 - Live animal release is currently trending at approximately 75%, while December and January trended at 84%.
 - Animal intake is currently on the decrease at 7% YTD for FY 2020.
 - “Spay-A-Day Keeps the Litter Away” spay/neuter grant program with funding from the Maryland Department of Agriculture commenced on February 1, 2020 and had over 80 procedures completed.
 - Met with other animal shelters to discuss their successful programs such as adoptions, fostering and creating a friend of the animal shelter program.
 - Started partnering with Trap Neuter Return (TNR) organizations to streamline the handling of feral cats in the shelter as well as in neighborhoods, which would eventually reduce the euthanasia rate.
- The Department had 11,748 Chameleon Service Requests in FY 2020 (YTD), with strays (4,349) and wildlife (2,570), and investigation (2,531) being the most common issues reported. To date, the Department’s

Chameleon System and the County’s 3-1-1 Call Center system have not been integrated, and ASD is currently using data from both systems.

- The mandate for impoundments to be spayed/neutered may cause ASD to need additional resources. The Spay Spot will need to add an additional day wherein they will be open for operations to meet the demand for spay/neuter. The additional operational day will increase the financial contract cost with the Spay Spot.
- The Department is reporting that the Animal Care Attendants are in critical need of advances in technology to replace end of life technology in order to efficiently operate the facility.
- **Capital Improvement Program (CIP) – North County Animal Shelter (#3.54.0002)**
 - ✚ Funding for the North County Animal Shelter has been postponed until FY 2022 to allow the County and the municipalities time to determine how the facility will be funded and under whose purview it will fall.
 - ✚ ASD has met with College Park, Greenbelt, and Berwyn Heights.

Grants

Approved Fiscal Year 2020 to Proposed Fiscal Year 2021 - Grants

Category	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Compensation	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
Fringe Benefits	-	-	-	-	-	0.0%
Operating Expenses	-	35,800	184,900	259,900	224,100	626.0%
Capital Outlay	-	-	180,000	250,000	250,000	N/A
Total	\$ -	\$ 35,800	364,900	509,900	\$ 474,100	1324.3%

- In FY 2021, the proposed grant funding for the Department \$509,900, and represents an increase of \$474,100, or 1,324.3% increase from the approved FY 2020 budgeted amount.
- State and Federal funding opportunities are primarily awarded to the Department outside the application process, as they become available during the year. In FY 2020, the Department anticipates receiving \$150,000 from the National Oceanic and Atmospheric Administration (NOAA) for Community Based Marine Debris Removal Program and \$34,900 was received in FY 2020 for Spay-A-Day Keeps the Litter Away, with the same amount being proposed in FY 2021.
- In FY 2021, the operating grants funding consist of \$150,000 from NOAA for an Educational Program for Marine Debris Prevention, and \$75,000 from the Maryland Department of Natural Resources (MDNR) Chesapeake and Coastal Grants Gateway Program Outcome 2.
- 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 in the

Stormwater section of the Proposed Capital Improvement Program budget. The funding source for the County match would be Stormwater Bonds, if the grant is awarded and is proposed at \$250,000 in FY 2021.

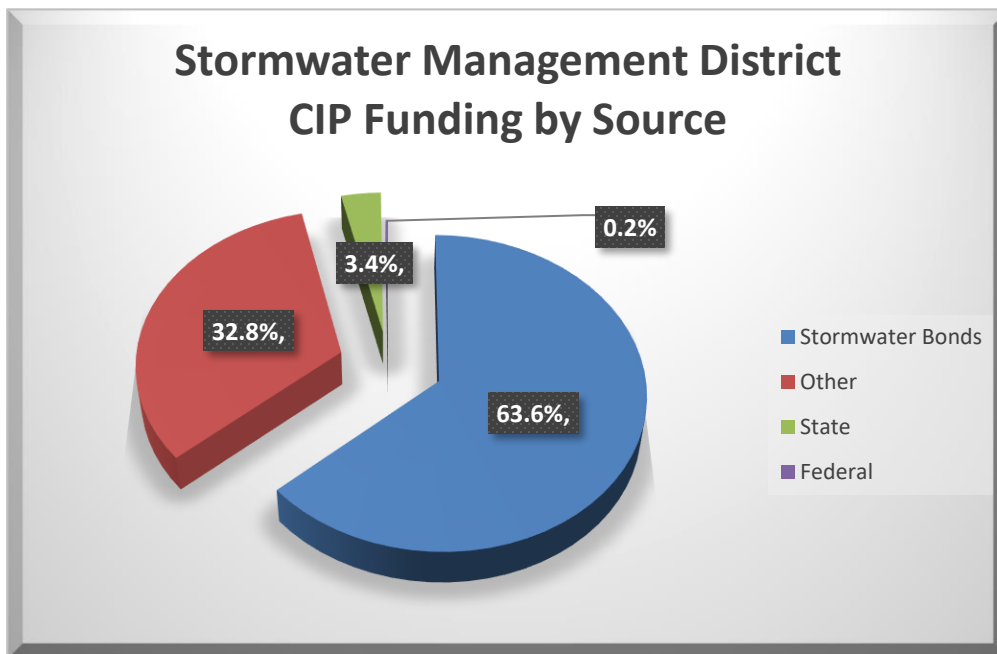
- The Department does not have grant-funded employees.

Stormwater Management District Capital Improvement Program (CIP)

The Proposed FY 2021 Capital Budget for the Stormwater Management District totals approximately \$101.1 million, or 13% lower than the Approved FY 2020 CIP budget at \$116.8 million.

FY 2021 Funding Sources

• Stormwater Bonds	\$63,042,000; or, 63.6%
• Other	32,479,000; or, 32.8%
• State	3,350,000; or, 3.4%
• Federal	200,000; or, 0.2%
Total	\$99,071,000



Source: FY 2021 - 2026 CIP Budget, pages 173, 175, Stormwater Management District

In FY 2019, the Stormwater Enterprise Fund received funding from General Obligation Bonds in the amount of \$65.4 million for capital improvements. This impacted the Unrestricted Fund balance with a negative balance of (\$44.5 million) as opposed to (\$15.4 million), down from FY 2018 by \$29.1 million. The net of the nonoperating revenues was down by \$2.3 million primarily a result of an Interest Expense of \$4.1 million. In addition, the fund continues to be impacted by Interagency Charges.

Capital Grants

- The Department’s Stormwater Management District pursues Federal and State grants to supplement the Capital Improvement Program (CIP). In FY 2020, grant agreements were finalized for two (2) State grants submitted in FY 2019:
 - ✚ **Chesapeake Bay Trust grant - \$70,000 awarded** – Funds will be used to prepare a Tinkers Creek Watershed Restoration Plan.

- ✚ **DNR Chesapeake and Coastal Grants Gateway - \$3.0 million** – Funds for two years of construction funding for Tinkers Creek Stream Restoration Project.
 - ✚ **Maryland Dept. of Natural Resources (MD DNR) - \$7.2 million** – Funds are for the construction of the Tinkers Creek Restoration project. Funds are to be awarded over three fiscal periods. Proposal is in progress. (Awarded)
- In FY 2020, the Department secured \$75,000 in additional grant funding from federal and state sources and has over another \$2.25 million in grant funding requests in process. These grants include:
- ✚ **Chesapeake Bay Trust Watershed Assistance Program Grant - \$75,000** – To prepare plans for a Carey Branch Headwater Restoration Project in Henson Creek (Awarded; contract pending).
 - ✚ **Chesapeake Bay Trust Green Streets, Green Towns and Green Jobs Program Grants - \$100,000** – To prepare design plans for a Publick Playhouse Stormwater Management Retrofit Project (Proposal in process).
 - ✚ **Maryland DNR Gateways Grant - \$2,000,000** – To construct Bear Branch Stream Restoration Project Phase II in Laurel (Proposal submitted; decision pending).
 - ✚ **NOAA Community-based Marine Debris removal Program - \$150,000** – To conduct a Countywide educational program for marine debris/trash prevention (Proposal submitted; decision pending).

The Proposed FY 2021 CIP for the Stormwater Management Division (SMD) includes eleven (11) projects as described below:

1. Clean Water Partnership (NPDES/MS4)

- The County launched the Clean Water Partnership (CWP) in 2015 to improve the health of the County's waterways, reduce the costs of retrofitting and maintaining the County's stormwater infrastructure as well as optimizing the economic benefits to the County's residents by developing local businesses that will become the backbone of the County's green economy. The goal is to improve water quality by retrofitting 4,000 acres through 2021.
- The program area of the CWP was expanded in 2018, funded from the low interest rate Maryland Water Quality Revolving Loan Program.
- The Prince George's County National Pollutant Discharge Elimination System (NPDES) expired on January 2, 2019. MDE has issued an Administrative Extension to the permit. The County is expected to comply with the permit terms. With consideration to scale and timeframe (6,105 acres in the permit term) given to meet the mandated 20% restoration target the County has not met these permit terms. The County pursued a temporary nutrient trade agreement to bridge the gap over the next generation permit with the WSSC. Given the WSSC's unwillingness to trade nutrient credits at no or minimal cost, the County may need to negotiate a consent decree with MDE addressing noncompliance with the permit (as done by Montgomery County). The County will respond to the next generation permit, to include public hearings, and final determinations and anticipates the next generation permit to be issued Fall 2020.
- The FY 2021 CIP budget is \$32.5 million, or 24.2% less than the FY 2020 Approved CIP Budget, with a total project cost of approximately \$328 million. All project funding FY 2021 is categorized as "other". The estimated completion of construction of these facilities is Spring 2024.

2. COE County Restoration

- This project involves the design and construction of environmental enhancements and flood control facilities within the County.

- Projects include ongoing planning and design projects pertaining to or quality measure implementation, wetland creation, stream channel restoration, and fish blockage removal in the Anacostia River tributaries, and the Western Branch to the Patuxent River.
- Flood risk or watershed studies with the US Army Corps of Engineers are included in this project.
- The FY 2021 CIP budget is \$1.897 million, or approximately 101% higher than the FY 2020 Approved CIP Budget, with a total project cost of \$33.1 million. FY 2021 funding will be stormwater bonds. Plans and construction of the facility are scheduled to occur through FY 2026.

3. Emergency Response Program

- This project will facilitate the design and construction of unanticipated projects which will require implementation due to emergency conditions affecting the public health, safety or welfare and for unanticipated grants in which funding is required to secure the Agency grant.
- The FY 2021 CIP budget is \$390 thousand, the same amount as allocated in FY 2020, with a total project cost of approximately \$4.3 million. FY 2020 funding will be stormwater bonds. The CIP estimated completion date is stated as ongoing.

4. Endangered Structure Acquisition Program

- This project provides funding for the acquisition of residential properties within the 100-year flood plain and properties vulnerable to unforeseen conditions, such as slope failure or stream erosion.
- The FY 2021 funding is to continue work on Kris Ran Court.
- The FY 2021 CIP budget is \$380 thousand, or 0% change in the funds allocated in FY 2020 Approved CIP Budget, with a total project cost of approximately \$8.5 million. FY 2021 funding source is not identified. The CIP estimated completion date is stated as ongoing.

5. Flood Protection and Drainage Improvement

- 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, storm drainage 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.
- The FY 2021 CIP budget is approximately \$9.5 million, or approximately 49%, lower than the FY 2020 Approved CIP Budget, with a total project cost of approximately \$104.6 million. FY 2021 funding will be stormwater bonds. The “other” categorized funding source is provided from Ad Valorem tax contributions and State Revolving Loans. Plans and construction of the facility is scheduled to occur through FY 2026.

6. Bear Branch Sub Watershed (Laurel Lake Dredging)

- This project provides funding for the dredging of the upper lake (forebay) of Laurel Lakes, MD. An evaluation of forebay conditions is recommended to be performed every five (5) years with appropriate planning for future maintenance as required. Dredging operations were most recently completed in June 2015.

- This project also provides funding for water quality measures, low impact development, wetland creation, reforestation and stream channel restoration in the Bear Branch sub-watershed and Patuxent River watershed.
- The FY 2021 CIP budget is \$1.7 million, or 95%, more than the FY 2020 Approved CIP Budget, with a total project cost of approximately \$4.2 million. The FY 2020 budget is targeted for stream restoration and water quality projects in the Bear Branch Watershed. FY 2021 funding will be stormwater bond. Plans and construction of the facility is scheduled to occur through FY 2021.

7. Major Reconstruction DPW&T

- This on-going program by the DPW&T will redesign, reconstruct and rehabilitate major drainage and flood control projects throughout the County.
- The FY 2021 CIP budget is approximately \$25.9 million, or 45% higher, than the FY 2020 Approved CIP Budget, with a total project cost of \$129 million. FY 2021 funding will be storm water bonds. The CIP estimated completion date is stated as ongoing.

8. MS4/NPDES Compliance and Restoration

- This project provides funding for county-wide 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 multiple other stormwater management retrofit approaches within all watershed areas 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.
- The FY 2021 CIP budget is approximately \$21 million, or approximately 25%, lower than the FY 2020 Approved CIP Budget, with a total project cost of 179 million. FY 2020 funding will be from Federal, State, and stormwater bonds. The CIP estimated completion date is stated as ongoing.
 - ✚ \$3.6 million in federal and state funding is appropriated to be used for capital grant awards to be received during FY 2021.

9. Participation Program

- This project will provide for the County's contribution for Water Quality Best Management Practices (BMP) costs for projects with M-NCPPC, Maryland Washington Council of Governments (MWCOCG), 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 projects opportunities may also be identified under the County's stormwater permit review process
- The FY 2021 CIP budget is \$525 thousand, or the same amount as allocated in FY 2020 Approved CIP Budget, with a total project cost of approximately \$8.9 million. FY 2021 funding will be stormwater bonds. The CIP estimated completion date is stated as ongoing.

10. Stormwater Contingency Fund

- 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 appropriations transfers up to \$250,000 to previously authorized projects. New project authorizations will require the approval of a majority of the Council.
- The FY 2021 CIP budget is \$1.0 million, no funding was approved in FY 2020. FY 2020 funding will be stormwater bonds. The CIP estimated completion date is stated as ongoing.

11. Stormwater Management Restoration

- This program supports DPW&T initiated operational programs to design and improve stormwater management systems and infrastructure throughout the County. This project also supports projects required to be performed in accordance with Federal and State mandates as identified in the county-wide NPDES Permit.
- The FY 2021 CIP budget is approximately \$6.3 million, the same as that allocated in the FY 20 Approved CIP Budget, with a total project cost of \$82.3 million. FY 2021 funding will be stormwater bonds. The CIP estimated completion date is stated as ongoing.

Stormwater Management Program - Highlights

- The Storm Water Management CIP projects in each Council District are provided on the *First Round Response Q.27 - Attachment 5 and 6 - Projects in Inception/Inventory, Planning, Design, & Construction FY 2021*, by Councilmanic Districts.
- The Department’s strategy to meet this objective are via a two-fold approach to provide innovative water quality best management practices (BMP) and green technology.
 - ✚ *Clean Water Partnership (CWP)*
 - ✚ *Conventional CIP*

Results

- Increased mandates from the Federal and State regulations continue to drive program and operations within the Division. The County fourth generation NPDES/MS4 permit (effective January 2, 2014 expired on January 2, 2019). The permit requires the County to treat 20% of untreated impervious acres (6,105 acres). The Department remains tasked to address over 6,105 acres of untreated impervious area by 2019.

Restoration Programs	Impervious Acres Credit (rounded)
Clean Water Partnership	1,330
DoE CIP	334
DPW&T (Outfall)	2
Other ESDs	78
Operational Programs	448
WSSC Stream Restoration	270
Total	2,462

✚ The County has treated 2,462 impervious, or 40% in the current permit term.

- ✚ The NPDES/MS4 permit specifically states “..Lack of funding does not constitute a justification for noncompliance with the terms of this permit..” Among other things, MDE may fine the County up to \$10,000 per day for failure to comply.
 - ✚ Approximately \$104,505,080 has been awarded to the County’s small, local and minority businesses in support of the Division’s water quality restoration programs to significantly improve the health of the County’s waterways by successfully treating 2,462 total acres through FY 2020.
- The number of structures which have been removed from flooding risk are 1,440 structures or 81% of the total 1,775 which had been identified as being at risk. The interim goal for FY 2021 is to protect 1,475 structures which would leave 300 structures or 17% of the total. The Agency will be on tract for achieving its FY 2021 performance target of 1,775 structures protected, pending the Allison Street Levee CIP implementation.
 - In partnership with the Department of Public Works and Transportation (DPW&T), the CIP program has provided final design support for the final stages of the Allison Street (Mt. Rainier) and Upper Marlboro Flood Protection Systems. Both projects are being constructed through DPW&T.
 - DoE administers and operate under the M-NCPPC Agreement in support of Water Quality Restoration CIP projects on Commission property.
 - ✚ To date, a total of 79 water quality site opportunities have been identified. The CIP program has evaluated 40 sites and the CWP program includes 41 sites. These sites are in various stages of implementation; design, under construction or completed.

Challenges

- The County was issued its 4th generation NPDES/MS4 permit from MDE, effective January 2, 2014. Compliance with the permit continues to be a major factor contributing to the Division’s workload and performance in FY 2020. The County is mandated to improve water quality conditions through certain corrective measures and conduct programs as outlined in this permit. The Division remains tasked to address over 6, 105 acres of untreated impervious area by 2019, in addition to supporting multiple clean water programs.
 - ✚ The Agency has experienced the following challenges (in FY 2020) in responding to the Federal and State regulations associated with the NPDES/MS4 permit and the WIPII mandates.
 1. Procurement and Contracting. Managing and processing significantly increased contract activity in a timely manner is critical to project production, both in design and construction. These conditions are anticipated to translate into increased costs and project performance schedules.
 2. Permitting. The Agency successfully executed an agreement with DPIE to facilitate permitting of CIP and Clean Water Partnership (CWP) projects in FY 2016. The DoE CIP permitting program is in operation. The non-County permitting process (MNCPPC, State and Federal) will need to be streamlined to support and coordinate the construction schedules with the NPDES/MS4 timeline.
 3. Property owner agreements. These are required to enable restoration on private property. Public property availability is limited to existing untreated right-of-ways. Challenges with

obtaining required easement or entry permits from private property owners for storm drain improvement projects have delayed or prohibited execution of the projects. This problem usually arises when property owners, who may not directly benefit from a project refuse to grant access through their property.

- In FY 2019, the Litter Reduction Program devoted much of its efforts to building capacity for litter prevention and capture through collaborations with colleagues and peer agencies on an anti-litter marketing campaign and investments in Big Belly solar powered trash and recycling stations. For this capacity building year, the litter load reduction fell short of the target annual load reduction of 170,628 pounds per year. The anti-litter marketing campaign was launched January 2020 with 27 Big Belly stations have been deployed to date. The Division anticipates that these two additional tools will help to achieve the target load reduction in FY 2020.
- The Division encountered delays in procurement of only practical source vendors for goods and services supporting the urban tree canopy and NOAAs funded grant project for marine debris prevention. Such delays resulted in the postponement of tree planting projects with schools and communities as well as the inability to complete a federally funded project within the grant term limit. A request for extension is required.

FY 2021 Goals

- 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) to assist with meeting the federal and state mandates.

Department of the Environment Solid Waste Management Enterprise Fund (EF5000)

Comparison of FY 2020 Approved Revenues and Expenditures
to the Proposed FY 2021 Levels

SOLID WASTE MANAGEMENT ENTERPRISE FUND						
(Sorted by \$ Change - Largest to Smallest)						
REVENUES	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Refuse Collection Charges	39,902,043	39,600,000	40,301,100	40,704,100	1,104,100	2.8%
Interest Income	4,296,561	1,788,000	2,351,300	2,492,100	704,100	39.4%
Recycling Fee Tax Collections	10,968,548	10,784,200	11,004,700	11,041,000	256,800	2.4%
System Benefit Tax Collections	20,468,882	20,383,400	20,477,100	20,485,300	101,900	0.5%
Bulky Trash Tax Collections	3,640,526	3,612,900	3,668,600	3,696,800	83,900	2.3%
Miscellaneous Collections	261,880	60,000	89,100	96,400	36,400	60.7%
Sale of Electricity	203,541	200,000	200,000	200,000	0	0.0%
Clean Lot Revenue	436,746	500,000	500,000	500,000	0	0.0%
Sale of Recyclables	6,058,535	6,000,000	6,000,000	6,000,000	0	0.0%
Landfill Tipping Fees	14,749,039	14,980,000	14,790,300	14,831,700	(148,300)	-1.0%
Abandoned Vehicles	579,925	-	-	-	N/A	N/A
Revenues Subtotal	101,566,226	97,908,500	99,382,200	100,047,400	2,138,900	2.2%
Fund Balance Appropriation	-	8,671,000	6,511,000	8,545,500	(125,500)	-1.4%
TOTAL REVENUES	101,566,226	106,579,500	105,893,200	108,592,900	2,013,400	1.9%
EXPENDITURES	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Operating Expenses	85,200,354	87,305,800	90,760,600	88,261,600	955,800	1.1%
Compensation	7,316,586	7,763,100	7,694,400	8,522,000	758,900	9.8%
Capital Outlay	-	-	10,000	270,000	270,000	N/A
Retirees Benefits (OPEB)	1,119,503	1,541,300	1,523,500	1,641,300	100,000	6.5%
Fringe Benefits	1,989,819	2,860,400	1,895,800	2,918,000	57,600	2.0%
Debt Service - Principal	-	2,844,000	2,844,000	2,849,000	5,000	0.2%
Recoveries	-	(600,000)	(600,000)	(600,000)	0	0.0%
Contribution to Post Closure (Reserve)	1,347,769	3,100,000	-	3,100,000	0	0.0%
Debt Service - Interest Expense	1,659,159	1,764,900	1,764,900	1,631,000	(133,900)	-7.6%
CIP Contribution	-	-	-	-	-	N/A
TOTAL EXPENDITURES	98,633,190	106,579,500	105,893,200	108,592,900	2,013,400	1.9%
					FY 2020 Variance	
UNRESTRICTED FUND BALANCE	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	FY 2020 Approved Vs Est Budget	
Unrestricted Net Assets - Beginning of Year	(37,479,679)	(40,444,279)	(24,598,373)	(31,109,373)	(15,845,906)	
Unrestricted Net Assets - End of Year	(24,598,373)	(46,271,279)	(31,109,373)	(39,654,873)	(15,161,906)	
Change in Unrestricted Fund Balance	12,881,306	(5,827,000)	(6,511,000)	(8,545,500)		

Data Source: FY 2021 Proposed Budget p.404-405

Department of the Environment Stormwater Management Enterprise Fund (EF5100)

Comparison of FY 2020 Approved Revenues and Expenditures
to the Proposed FY 2021 Levels

STORMWATER MANAGEMENT ENTERPRISE FUND						
(Sorted by \$ Change - Largest to Smallest)						
REVENUES	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Property Taxes	47,593,925	47,321,500	49,254,000	50,731,600	3,410,100	7.2%
Interest Income	1,398,326	1,000,000	1,400,000	1,400,000	400,000	40.0%
Grading Permits	\$ 2,200,752	\$ 1,905,700	\$ 2,200,800	\$ 2,266,800	\$ 361,100	18.9%
Permits	1,719,580	1,446,600	1,700,000	1,751,000	304,400	21.0%
Federal/State Grant Revenue	-	20,000	150,000	225,000	205,000	1025.0%
Tree Preservation	198,789	90,000	266,600	274,600	184,600	205.1%
Cell Towers	331,750	260,000	331,800	350,000	90,000	34.6%
Water & Sewer Fees	103,275	90,000	100,000	103,000	13,000	14.4%
Miscellaneous	4,434	2,800	65,800	4,500	1,700	60.7%
Civil Citations	-	-	-	-	-	N/A
Sale of Plans	-	3,000	-	-	(3,000)	-100.0%
Reforestation Fee/Lieu	5,000	20,000	5,000	5,000	(15,000)	-75.0%
Soil Conservation	236,300	180,000	157,500	162,200	(17,800)	-9.9%
GIS Floodplan Service	63,311	80,000	51,700	53,300	(26,700)	-33.4%
Stormwater Fee-in-Lieu	664,869	900,500	664,900	684,800	(215,700)	-24.0%
Pond Fees	62,935	300,000	69,300	71,400	(228,600)	-76.2%
Revenues Subtotal	54,583,246	53,620,100	56,417,400	58,083,200	4,463,100	8.3%
Fund Balance Appropriation	-	22,057,500	16,821,700	21,397,400	(660,100)	-3.0%
Transfers in from the Water Quality Fund	-	3,624,500	3,624,500	3,624,700	200	0.0%
TOTAL REVENUES	54,583,246	79,302,100	76,863,600	83,105,300	3,803,200	4.8%
EXPENDITURES	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed	\$ Change	% Change
Debt Service - Principal - DOE*	\$ -	\$ 12,347,400	\$ 12,347,400	\$ 14,541,600	\$ 2,194,200	17.8%
Debt Service - Interest Expense - DOE*	9,040,134	9,433,600	11,122,600	11,384,800	1,951,200	20.7%
Operating Expenses - DPW&T**	3,096,127	4,112,100	3,977,200	4,688,300	576,200	14.0%
Retirees Benefits (OPEB) - DOE*	1,068,262	860,600	1,080,100	1,336,200	475,600	55.3%
Compensation - DPW&T**	7,086,068	7,789,100	6,404,800	8,035,600	246,500	3.2%
Compensation - DOE*	4,544,214	5,616,000	4,910,500	5,857,300	241,300	4.3%
Operating Expenses - DOE*	27,644,127	34,444,000	33,530,600	34,499,500	55,500	0.2%
Fringe Benefits - DPW&T**	2,213,184	2,683,300	1,917,800	2,579,600	(103,700)	-3.9%
Retirees Benefits (OPEB) - DPW&T**	1,057,097	1,624,100	1,624,100	1,446,200	(177,900)	-11.0%
Fringe Benefits - DOE*	1,426,969	2,115,900	1,522,500	1,785,700	(330,200)	-15.6%
Recoveries - DOE*	(2,313,596)	(1,724,000)	(1,724,000)	(3,049,500)	(1,325,500)	76.9%
TOTAL EXPENDITURES	54,862,586	79,302,100	76,713,600	83,105,300	3,803,200	4.8%
					FY 2020 Variance Approved Vs Est Budget	
UNRESTRICTED FUND BALANCE	FY 2019 Actual	FY 2020 Approved	FY 2020 Estimated	FY 2021 Proposed		
Net Assets - Beginning of Year (Fund Balance)	(15,472,652)	(14,833,452)	(44,475,961)	(48,800,261)	(29,642,509)	
Net Assets - End of Year (Fund Balance)	(44,475,961)	(24,543,552)	(48,800,261)	(55,656,061)	(24,256,709)	
Change in Fund Balance	(29,003,309)	(9,710,100)	(4,324,300)	(6,855,800)		

Data Source: FY 2021 Proposed Budget p.407-408

*DOE - Department of the Environment **DPW&T - Department of Public Works and Transportation OPEB - Other Post-Employment Benefits

Department of the Environment Local Watershed Protection and Restoration (Water Quality) Fund (EF5200)

Comparison of FY 2020 Approved Revenues and Expenditures
to the Proposed FY 2021 Levels

LOCAL WATERSHED PROTECTION AND RESTORATION (Water Quality) FUND						
REVENUES	FY 2019	FY 2020	FY 2020	FY 2021	\$	%
	Actual	Budget	Estimated	Proposed	Change	Change
Interest	1,834,346	900,000	1,000,000	1,000,000	100,000	0.0%
Clean Water Act Fees	\$ 14,566,673	\$ 14,600,500	\$ 14,614,600	\$ 14,614,600	14,100	0.1%
Miscellaneous	133,992	-	-	-	-	N/A
Revenue Subtotal	16,535,011	14,600,500	14,614,600	14,614,600	14,100	0.1%
Fund Balance Appropriation	-	431,800	-	1,703,500	1,271,700	294.5%
Transfers In	-	-	-	-	-	N/A
TOTAL REVENUES	16,535,011	15,032,300	14,614,600	16,318,100	1,285,800	8.6%
EXPENDITURES	FY 2019	FY 2020	FY 2020	FY 2021	\$	%
	Actual	Budget	Estimated	Proposed	Change	Change
Debt Service - Principal	\$ -	\$ 1,172,900	\$ -	\$ 3,184,500	2,011,600	171.5%
Debt Service - Interest Expense	-	718,900	28,200	880,600	161,700	22.5%
Compensation	833,267	1,113,500	1,010,300	1,127,800	14,300	1.3%
Fringe Benefits	191,849	332,900	300,900	337,200	4,300	1.3%
Interfund Transfer to Stormwater Fund	-	3,624,500	3,624,500	3,624,700	200	0.0%
Operating Expenses	7,626,555	8,969,600	8,883,000	8,163,300	(806,300)	-9.0%
TOTAL EXPENDITURES	8,651,671	15,932,300	13,846,900	17,318,100	1,385,800	8.7%
Net Assets - Beginning of Year (Fund Balance)	\$ 12,366,159	\$ 67,589,159	\$ (6,050,535)	\$ (4,282,835)	\$ (71,871,994)	-106.3%
Net Assets - End of Year (Fund Balance)	(6,050,535)	67,157,359	(4,282,835)	(5,986,335)	(73,143,694)	-108.9%
Change in Fund Balance	(18,416,694)	(431,800)	1,767,700	(1,703,500)	(1,271,700)	

DataSource: FY 2021 Proposed Budget p.410

Appendix 4

**General Fund
Salary Schedule Comparison – Animal Services Facility**

<u>Tri-County Animal Shelter</u>	<u>Montgomery County Animal Shelter</u>	<u>Prince George's County Animal Shelter</u>
Animal Shelter Kennel Attendant I Grade 6 \$33,074 - \$53,351	Animal Care Attendant Grade 14 \$38,629 - \$62,768	Animal Care Attendant Grade 13 \$33,204 - \$64,603
Animal Shelter Kennel Attendant II Grade 9 \$41,642 - \$67,063	Animal Care Attendant Supervisor Grade 19 \$48,039 - \$79,285	Animal Care Attendant Supervisor Grade 16 \$38,439 - \$74,785
Animal Shelter Technician Grade 8 \$38,556 - \$62,125		