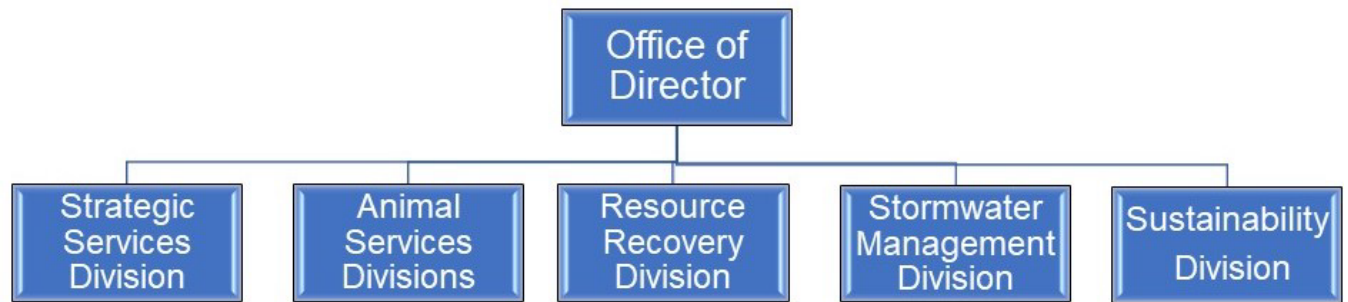


Department of the Environment



MISSION AND SERVICES

The Department of the Environment (DOE) works for a healthy, beautiful and sustainable County through programs that provide clean water, flood control, recycling and waste management, litter prevention, sustainable animal management and pet adoption in partnership with residents and other stakeholders.

CORE SERVICES

- Water quality improvements in response to regulatory compliance with the County's NPDES MS4 Permit, and flood control projects implementation
- Collect, process and divert waste from the County operated landfill, commercial facilities and households
- Educate the community on pollution prevention and best practices
- Facilitate pet adoptions, manage an animal holding facility, issue licenses, investigate cruelty complaints and conduct humane outreach and education events

FY 2019 KEY ACCOMPLISHMENTS

- The Clean Water Partnership completed 842 acres impervious acres treated through FY 2018 and project an additional 328 impervious acres in FY 2019, for a total of 1,170 impervious acres treated.
- Animal Services reached a historic 75% placement rate for animals in forever homes.
- Resource Recovery expanded food scrap composting infrastructure allowing for a higher recycling/ composting rate and higher revenue. For FY 2019, the agency processed approximately six thousand tons of food scraps; resulting in more than a quarter million dollars in additional revenue.
- Sustainability completed the County's first waterway litter trap at the Arundel Canal in Mt. Rainier which is part of the Anacostia River Watershed. It will serve to reduce the litter load on the river as federally mandated and required per the County's NPDES MS4 Permit. It is anticipated that this device will intercept approximately two tons of litter annually which is credited towards achievement of the mandated annual litter load reduction of 170,628 pounds per year.

STRATEGIC FOCUS AND INITIATIVES FOR FY 2020

The agency’s top priorities in FY 2020 are:

- Increase the total percentage of impervious areas retrofitted with stormwater management controls to respond to NPDES/MS4 permit requirements and mandates.
- Increase the placement of animals in forever homes.
- Increase the percentage of residential solid waste recaptured from the solid waste stream.
- Increase tonnage of litter captured and removed from communities and waterways.
- Reduce operational costs and make communities better places to live through sustainability initiatives.

FY 2020 BUDGET SUMMARY

The FY 2020 approved budget for the Department of the Environment is \$190,187,500, a decrease of \$17,878,100 or 8.6% under the FY 2019 approved budget.

Expenditures by Fund Type

Fund Types	FY 2018 Actual		FY 2019 Budget		FY 2019 Estimate		FY 2020 Approved	
	Amount	% Total	Amount	% Total	Amount	% Total	Amount	% Total
Enterprise Funds	\$138,680,886	97.1%	\$203,708,900	97.9%	\$162,985,300	97.6%	\$185,605,300	97.5%
General Fund	4,080,576	2.9%	4,318,200	2.1%	3,948,200	2.4%	4,663,700	2.5%
Grant Funds	63,995	0.0%	—	0.0%	—	0.0%	38,500	0.0%
Total	\$142,825,457	100.0%	\$208,027,100	100.0%	\$166,933,500	100.0%	\$190,307,500	100.0%

GENERAL FUND

The FY 2020 approved General Fund budget for the Department of the Environment is \$4,663,700, an increase of \$345,500 or 8.0% over the FY 2019 approved budget.

Reconciliation from Prior Year

	Expenditures
FY 2019 Approved Budget	\$4,318,200
Increase Cost: Compensation - Mandated Salary Requirements	\$220,500
Increase Cost: Fringe Benefits — Increase in fringe benefits rate from 34.4% to 35.0% and compensation adjustments	116,400
Increase Cost: Operating — Contractual increases for veterinary services	55,600
Increase Cost: Operating — Other - primarily Animal Services Facility maintenance and operating supplies	12,200
Decrease Cost: Operating - Removal of One-Time Cost — Purchase of software that interfaces Animal Services with the County's 311 system	(19,000)
Decrease Cost: Recovery Increase — Increase in recoverable expenditures aligning to historical recovery rates	(40,200)
FY 2020 Approved Budget	\$4,663,700

GRANT FUNDS

The FY 2020 approved grant budget for the Department of the Environment is \$38,500, an increase over the FY 2019 approved budget of 0.

Reconciliation from Prior Year

	Expenditures
FY 2019 Approved Budget	\$—
Add: New Grant — Spay-A-Day	\$38,500
FY 2020 Approved Budget	\$38,500

ENTERPRISE FUNDS**Solid Waste Enterprise Fund**

The FY 2020 approved Solid Waste Management Enterprise Fund budget for the Department of the Environment is \$106,579,500, an increase of \$3,961,200 or 3.9% over the FY 2019 approved budget.

Reconciliation from Prior Year

	Expenditures
FY 2019 Approved Budget	\$102,618,300
Increase Cost: Operating — Debt service and depreciation	\$1,453,900
Increase Cost: Operating — Interagency Charges from other agencies	1,088,600
Increase Cost: Recovery Reduction — Due to a refined estimate of recoverable operating expenses from the Sandy Hill Landfill CIP project	700,000
Increase Cost: Operating — Vehicle equipment repair	670,800
Add: Initiatives - Expansion — Bulky Trash - Funding twelve previously-unfunded Equipment Operators and Laborers to improve Bulky Trash collection services	323,400
Increase Cost: Compensation - Mandated Salary Requirements	280,600
Add: Initiatives - New — Pilot composting program to distribute 3,000 32-gallon Organic Carts and 2-gallon Kitchen Pails	200,000
Increase Cost: Fringe Benefits — Bulky Trash - On-boarding additional employees for Bulky Trash collection services	183,400
Increase Cost: Operating — Other - primarily an increase in supplies, offset by an advertising decrease	181,000
Increase Cost: Operating - Office Automation Charge — Increase in OIT charges to support anticipated costs for SAP maintenance and the countywide laptop refresh program	178,200
Increase Cost: Operating — Purchase 20 additional litter/dumping cameras	120,000
Increase Cost: Operating — Fuel price increases	92,900
Decrease Cost: Removal of One-Time Cost — Capital Outlay - Hose Maker purchase	(10,000)
Decrease Cost: Compensation - Overtime — Bulky Trash - On-boarding additional employees for Bulky Trash collection services	(145,500)
Shift: Transfer or program to another department — Transferring three Property Standards Inspectors to DPIE	(157,400)

Reconciliation from Prior Year *(continued)*

	Expenditures
Decrease Cost: Operating — Decrease in contracts, largely due to a decrease in the cost of chemical hauling services	(324,700)
Decrease Cost: Operating — Bulky Trash - Reduction in contract costs due to on-boarding additional employees for Bulky Trash collection services	(361,300)
Decrease Cost: Fringe Benefits — Decrease in fringe benefits rate from 63.4% to 56.7%	(512,700)
FY 2020 Approved Budget	\$106,579,500

Stormwater Management Enterprise Fund

The FY 2020 approved Stormwater Management Enterprise Fund budget for the Department of the Environment is \$63,093,500, an increase of \$6,161,800 or 10.8% over the FY 2019 approved budget.

Reconciliation from Prior Year

	Expenditures
FY 2019 Approved Budget	\$56,931,700
Increase Cost: Operating — Debt Service - Principal and Interest payments on prior-year Stormwater Bonds for Capital Projects	\$6,315,900
Increase Cost: Operating — Depreciation, decrease in value of county capital assets	1,768,000
Increase Cost: Operating — Interagency charges from other agencies	731,800
Increase Cost: Compensation - Mandated Salary Requirements	90,900
Decrease Cost: Operating — Increase primarily in Other Office Automation to support completing IT projects	(177,900)
Decrease: Operating Expenses Cash Match — There are no FY 2020 operating grants anticipated by the Department of the Environment; only capital grants appropriated in the Capital Budget	(220,000)
Decrease Cost: Recovery Increase — Increase in recoverable compensation and fringe benefits from CIP projects	(287,300)
Decrease Cost: Operating — Decrease in budgeted miscellaneous expenses to align with anticipated costs	(825,900)
Decrease Cost: Fringe Benefits — Decrease in the fringe benefits rate from 76.2% to 53.0% to align with expected costs	(1,233,700)
FY 2020 Approved Budget	\$63,093,500

Local Watershed Protection & Restoration Fund

The FY 2020 approved Local Watershed Protection and Restoration Fund budget for the Department of the Environment is \$15,932,300, a decrease of \$28,226,600 or 63.9% under the FY 2019 approved budget.

Reconciliation from Prior Year

	Expenditures
FY 2019 Approved Budget	\$44,158,900
Add: Operating — Transfer to the Stormwater Fund to cover prior-year Stormwater Bond debt service related to the Clean Water Partnership project	\$3,624,500
Increase Cost: Operating — Primarily contractual costs for Clean Water Partnership Best Management Practice (BMP) maintenance	2,833,200
Increase Cost: Compensation - Mandated Salary Requirements	163,500
Increase Cost: Fringe Benefits — Increase in fringe benefits rate from 24.2% to 29.9%	103,000
Decrease Cost: Operating — Reduced debt service for the Clean Water Partnership project due to replacing bond financing with Water Quality Revolving Loan Program financing	(3,050,800)
Decrease Cost: Removal of One-Time Cost — Transfer to escrow for Clean Water Partnership project being replaced with Water Quality Revolving Loan Program financing in the Capital Budget in FY 2020	(31,900,000)
FY 2020 Approved Budget	\$15,932,300

STAFF AND BUDGET RESOURCES

Authorized Positions	FY 2018 Budget	FY 2019 Budget	FY 2020 Approved	Change FY19-FY20
General Fund				
Full Time - Civilian	113	114	114	0
Full Time - Sworn	0	0	0	0
Subtotal - FT	113	114	114	0
Part Time	1	0	0	0
Limited Term	0	0	0	0

Enterprise Funds				
Full Time - Civilian	224	219	216	(3)
Full Time - Sworn	0	0	0	0
Subtotal - FT	224	219	216	(3)
Part Time	0	0	0	0
Limited Term	0	0	0	0

TOTAL				
Full Time - Civilian	337	333	330	(3)
Full Time - Sworn	0	0	0	0
Subtotal - FT	337	333	330	(3)
Part Time	1	0	0	0
Limited Term	0	0	0	0

Positions By Classification	FY 2020		
	Full Time	Part Time	Limited Term
Account Clerk	1	0	0
Administrative Aide	18	0	0
Administrative Assistant	19	0	0
Administrative Specialist	14	0	0
Animal Care Attendant	26	0	0
Animal Care Attendant Supervisor	4	0	0
Animal Control Officer	16	0	0
Associate Director	5	0	0
Budget Aide	1	0	0
Budget Management Analyst	5	0	0
Citizens Services Specialist	3	0	0

Positions By Classification	FY 2020		
	Full Time	Part Time	Limited Term
Community Development Aide	16	0	0
Construct Standards Code Enforcement Officer	1	0	0
Construction Standards Inspector	5	0	0
Contract Project Coordinator	3	0	0
Crew Supervisor	5	0	0
Deputy Director	1	0	0
Director	1	0	0
Engineer	34	0	0
Engineering Technician	4	0	0
Equipment Operator	33	0	0
Executive Administrative Aide	1	0	0
Garage Supervisor	1	0	0
General Clerk	10	0	0
Heavy Equipment Mechanic	5	0	0
Human Resources Analyst	2	0	0
Information Technology Project Coordinator	2	0	0
Investigator	1	0	0
Laborer	40	0	0
Master Equipment Mechanic	1	0	0
Planner	17	0	0
Procurement Officer	1	0	0
Programmer-Systems Analyst	3	0	0
Property Attendant	3	0	0
Public Service Aide	1	0	0
Radio Dispatcher	3	0	0
Refuse Collection Inspector	14	0	0
Refuse Collection Supervisor	2	0	0
Supervisor Landfill Operations	1	0	0
Supply-Property Clerk	3	0	0
Weighmaster	4	0	0
TOTAL	330	0	0

Expenditures by Category - General Fund

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimate	FY 2020 Approved	Change FY19-FY20	
					Amount (\$)	Percent (%)
Compensation	\$5,759,856	\$6,542,300	\$5,928,900	\$6,762,800	\$220,500	3.4%
Fringe Benefits	2,169,383	2,250,600	2,122,200	2,367,000	116,400	5.2%
Operating	1,250,973	1,335,800	1,324,300	1,384,600	48,800	3.7%
SubTotal	\$9,180,212	\$10,128,700	\$9,375,400	\$10,514,400	\$385,700	3.8%
Recoveries	(5,099,636)	(5,810,500)	(5,427,200)	(5,850,700)	(40,200)	0.7%
Total	\$4,080,576	\$4,318,200	\$3,948,200	\$4,663,700	\$345,500	8.0%

In FY 2020, compensation expenditures increase 3.4% over the FY 2019 budget due to mandated salary requirements. Compensation costs includes funding for 114 full time positions. Fringe benefit expenditures increase 5.2% over the FY 2019 budget. This is due to an increase in compensation and to reflect anticipated costs.

Operating expenditures increase 3.7% over the FY 2019 budget due to veterinary services contracts and additional cleaning at the Animal Services Facility.

Recoveries increase 0.7% over the FY 2019 budget due to increases in compensation, fringe benefits and operating spending that are aligned to historical recovery rates.

Expenditures by Division - General Fund

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimate	FY 2020 Approved	Change FY19-FY20	
					Amount (\$)	Percent (%)
Office of the Director	\$192,372	\$234,500	\$188,700	\$228,400	\$(6,100)	-2.6%
Strategic Services	247,304	260,300	268,000	255,400	(4,900)	-1.9%
Animal Services	3,640,899	3,823,400	3,491,500	4,179,900	356,500	9.3%
Total	\$4,080,576	\$4,318,200	\$3,948,200	\$4,663,700	\$345,500	8.0%

General Fund - Division Summary

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimate	FY 2020 Approved	Change FY19-FY20	
					Amount (\$)	Percent (%)
Office of the Director						
Compensation	\$1,043,383	\$1,325,000	\$996,200	\$1,420,800	\$95,800	7.2%
Fringe Benefits	709,901	930,000	687,300	774,600	(155,400)	-16.7%
Operating	160,360	89,800	110,500	88,400	(1,400)	-1.6%
SubTotal	\$1,913,643	\$2,344,800	\$1,794,000	\$2,283,800	\$(61,000)	-2.6%
Recoveries	(1,721,271)	(2,110,300)	(1,605,300)	(2,055,400)	54,900	-2.6%
Total Office of the Director	\$192,372	\$234,500	\$188,700	\$228,400	\$(6,100)	-2.6%
Strategic Services						
Compensation	\$1,701,693	\$1,807,800	\$1,843,500	\$1,738,800	\$(69,000)	-3.8%
Fringe Benefits	511,301	532,300	505,500	557,900	25,600	4.8%
Operating	255,361	262,700	245,800	258,900	(3,800)	-1.4%
SubTotal	\$2,468,354	\$2,602,800	\$2,594,800	\$2,555,600	\$(47,200)	-1.8%
Recoveries	(2,221,050)	(2,342,500)	(2,326,800)	(2,300,200)	42,300	-1.8%
Total Strategic Services	\$247,304	\$260,300	\$268,000	\$255,400	\$(4,900)	-1.9%
Animal Services						
Compensation	\$3,014,780	\$3,409,500	\$3,089,200	\$3,603,200	\$193,700	5.7%
Fringe Benefits	948,181	788,300	929,400	1,034,500	246,200	31.2%
Operating	835,253	983,300	968,000	1,037,300	54,000	5.5%
SubTotal	\$4,798,215	\$5,181,100	\$4,986,600	\$5,675,000	\$493,900	9.5%
Recoveries	(1,157,315)	(1,357,700)	(1,495,100)	(1,495,100)	(137,400)	10.1%
Total Animal Services	\$3,640,899	\$3,823,400	\$3,491,500	\$4,179,900	\$356,500	9.3%
Total	\$4,080,576	\$4,318,200	\$3,948,200	\$4,663,700	\$345,500	8.0%

DIVISION OVERVIEW

Office of the Director

The Office of the Director provides policy guidance, coordination and administrative support to the Department of the Environment and seven operational and management divisions. The office also oversees development of environmental policies and programs, coordinates environmental planning and management activities between the County and local, State and federal agencies and ensures compliance with all related laws and regulations. The Director's Office also coordinates the agency's publication, outreach and education activities through the reorganized Communications Office and actively participates in the County's legislative process and community outreach through the Community and Legislative Affairs Office.

Fiscal Summary

In FY 2020, the division expenditures decrease \$6,100 or 2.6% under the FY 2019 budget. Staffing resources

increase by one position from the FY 2019 budget. The primary budget changes include:

- Redistributing fringe benefits to the Animal Services Division to align more closely with actual activity.
- An increase in compensation due to mandated salary requirements.

	FY 2019 Budget	FY 2020 Approved	Change FY19-FY20	
			Amount (\$)	Percent (%)
Total Budget	\$234,500	\$228,400	\$(6,100)	-2.6%
STAFFING				
Full Time - Civilian	15	16	1	6.7%
Full Time - Sworn	0	0	0	0.0%
Subtotal - FT	15	16	1	6.7%
Part Time	0	0	0	0.0%
Limited Term	0	0	0	0.0%

Strategic Services

The Strategic Services Division manages the agency’s budget and procurement activities and provides agency-wide human resources support, training and information technology support. In addition, the division oversees boards and commissions that monitor and regulate various County businesses and enforcement activities.

Fiscal Summary

In FY 2020, the division expenditures decrease \$4,900 or 1.9% under the FY 2019 budget. Staffing resources decrease by two positions from the FY 2019 budget. The primary budget changes include:

- A decrease in compensation due to reallocating the budgets for two positions to other Department of the Environment General-funded divisions.

- The decrease in compensation is partially offset by an increase in the fringe benefits rate.

	FY 2019 Budget	FY 2020 Approved	Change FY19-FY20	
			Amount (\$)	Percent (%)
Total Budget	\$260,300	\$255,400	\$(4,900)	-1.9%
STAFFING				
Full Time - Civilian	23	21	(2)	-8.7%
Full Time - Sworn	0	0	0	0.0%
Subtotal - FT	23	21	(2)	-8.7%
Part Time	0	0	0	0.0%
Limited Term	0	0	0	0.0%

Animal Services

The Animal Services Division maintains animal adoption and redemption programs; licenses dogs, cats and ferrets; impounds and assists stray, vicious or sick animals; inspects holding facilities and pet stores; and investigates animal cruelty complaints. Volunteer and educational programs are provided to encourage proper care and humane treatment of animals.

Fiscal Summary

In FY 2020, the division expenditures increase \$356,500 or 9.3% over the FY 2019 budget. Staffing resources increase by one position from the FY 2019 budget. The primary budget changes include:

- Redistributing fringe benefits from the Office of the Director to align more closely with actual activity.

- An increase in compensation due to mandated salary requirements.
- Additional operating spending due to an increase in the cost of veterinary services contracts and additional cleaning at the Animal Services Facility.

	FY 2019 Budget	FY 2020 Approved	Change FY19-FY20	
			Amount (\$)	Percent (%)
Total Budget	\$3,823,400	\$4,179,900	\$356,500	9.3%
STAFFING				
Full Time - Civilian	76	77	1	1.3%
Full Time - Sworn	0	0	0	0.0%
Subtotal - FT	76	77	1	1.3%
Part Time	0	0	0	0.0%
Limited Term	0	0	0	0.0%

OTHER FUNDS

Solid Waste Enterprise Fund

As authorized by Section 10-256 of the County Code, the Solid Waste Management Enterprise Fund finances costs associated with the maintenance and operation of land and facilities for the collection, transportation and disposal of refuse, garbage, rubbish, other matter and all related activities. The fund also finances costs associated with environmental, solid waste management and recycling and waste reduction programs in the County, which are managed by the Department of the Environment's Resource Recovery Division.

Fiscal Summary

In FY 2020, compensation expenditures in the fund increase 4.0% over the FY 2019 budget primarily due to mandated salary requirements and funding 12 previously authorized positions to improve Bulky Trash pickup service, which is fully offset by reductions in overtime and contract costs. Compensation costs includes funding for 132 out of 145 full time positions, which is a decrease of three positions under the FY 2019 budget due to transferring these three Property Standards Inspectors to the Department of Permitting, Inspections and Enforcement. Fringe benefit expenditures decrease 7.0% under the FY 2019 budget to reflect anticipated costs.

Operating expenditures increase 3.5% over the FY 2019 budget due to increased interagency charges from various County agencies, depreciation, vehicle equipment repair and a contract increase to procure 32-gallon organic carts and 2-gallon kitchen pails for a new composting pilot program.

Capital outlay expenditures decrease 100.0% under the FY 2019 budget due to a one-time hose maker purchase in FY 2019.

Recoveries decrease 53.8% under the FY 2019 budget due to a decrease in recoverable expenses from the Sandy Hill Landfill CIP project.

Expenditures by Category

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimate	FY 2020 Approved	Change FY19-FY20	
					Amount (\$)	Percent (%)
Compensation	\$6,902,919	\$7,462,000	\$7,670,200	\$7,763,100	\$301,100	4.0%
Fringe Benefits	6,300,560	4,731,000	4,132,400	4,401,700	(329,300)	-7.0%
Operating	85,025,392	91,715,300	92,452,100	95,014,700	3,299,400	3.6%
Capital Outlay	—	10,000	162,200	—	(10,000)	-100.0%
Total	\$98,228,871	\$103,918,300	\$104,416,900	\$107,179,500	\$3,261,200	3.1%
Recoveries	(784,807)	(1,300,000)	(600,000)	(600,000)	700,000	-53.8%
Total	\$97,444,064	\$102,618,300	\$103,816,900	\$106,579,500	\$3,961,200	3.9%

Fund Summary

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimated	FY 2020 Approved	FY 2019-2020	
					Change \$	Change %
BEGINNING FUND BALANCE	\$ (13,333,743)	\$ (11,793,949)	\$ (37,479,679)	\$ (40,444,279)	\$ (28,650,330)	242.9%
REVENUES						
Sales and Use	\$8,238,221	\$8,513,200	\$6,690,100	\$6,200,000	\$ (2,313,200)	-27.2%
Sale of Electricity	\$209,527	\$200,000	\$200,000	\$200,000	\$—	0.0%
Sale of Recyclables	7,572,108	7,913,200	6,071,800	6,000,000	(1,913,200)	-24.2%
Abandoned Vehicles	456,586	400,000	418,300	—	(400,000)	-100.0%
Charges for Services	\$89,313,328	\$89,369,700	\$89,388,800	\$89,360,500	\$ (9,200)	0.0%
Refuse Collection Charges	\$39,599,898	\$39,400,100	\$39,628,300	\$39,600,000	\$199,900	0.5%
System Benefit Tax Collections	20,460,546	21,000,000	20,383,400	20,383,400	(616,600)	-2.9%
Recycling Fee Tax Collections	10,932,246	11,100,000	10,784,200	10,784,200	(315,800)	-2.8%
Bulky Trash Tax Collections	3,612,864	3,494,000	3,612,900	3,612,900	118,900	3.4%
Total Residential Fees	\$35,005,656	\$35,594,000	\$34,780,500	\$34,780,500	\$ (813,500)	-2.3%
Landfill Tipping Fees	14,707,774	10,206,700	14,980,000	14,980,000	4,773,300	46.8%
Landfill Surcharge	—	4,168,900	—	—	(4,168,900)	-100.0%
Total Tipping Fees	\$14,707,774	\$14,375,600	\$14,980,000	\$14,980,000	\$604,400	4.2%
Other Revenues	\$3,316,150	\$2,606,000	\$2,341,700	\$2,348,000	\$ (258,000)	-9.9%
Clean Lot	626,943	500,000	500,000	500,000	—	0.0%
Misc. Collections	96,438	360,000	53,700	60,000	(300,000)	-83.3%
Interest Income	2,592,769	1,746,000	1,788,000	1,788,000	42,000	2.4%
Appropriated Fund Balance	—	2,129,400	—	8,671,000	6,541,600	307.2%
Transfers in	—	—	—	—	—	0.0%
Total Revenues	\$100,867,699	\$102,618,300	\$98,420,600	\$106,579,500	\$3,961,200	3.9%
EXPENDITURES						
Compensation	\$6,902,919	\$7,462,000	\$7,670,200	\$7,763,100	\$301,100	4.0%
Fringe Benefits	4,094,401	2,251,200	2,685,400	2,860,400	609,200	27.1%
Fringe Benefits (OPEB)	2,206,159	2,479,800	1,447,000	1,541,300	(938,500)	-37.8%
Operating Expenses	80,580,893	83,381,400	85,218,200	87,305,800	3,924,400	4.7%
Capital Outlay	—	10,000	162,200	—	(10,000)	-100.0%
Debt Service - Interest Expense	1,575,675	1,702,200	1,702,200	1,764,900	62,700	3.7%
Debt Service - Principal	—	2,431,700	2,431,700	2,844,000	412,300	17.0%
CIP Contributions	—	—	—	—	—	0.0%
Contributions to Post Closure	2,868,824	4,200,000	3,100,000	3,100,000	(1,100,000)	-26.2%
Recoveries	(784,807)	(1,300,000)	(600,000)	(600,000)	700,000	-53.8%
Total Expenditures	\$97,444,064	\$102,618,300	\$103,816,900	\$106,579,500	\$3,961,200	3.9%
EXCESS OF REVENUES OVER EXPENDITURES	3,423,635	—	(5,396,300)	—	—	0.0%

Fund Summary *(continued)*

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimated	FY 2020 Approved	FY 2019-2020	
					Change \$	Change %
Adding Principal	—	2,431,700	2,431,700	2,844,000	412,300	17.0%
OTHER ADJUSTMENTS	(27,569,571)	—	—	—	—	0.0%
ENDING FUND BALANCE	\$(37,479,679)	\$(11,491,649)	\$(40,444,279)	\$(46,271,279)	\$(34,779,630)	302.7%

Stormwater Management Enterprise Fund

As authorized by Sections 10-262 through 10-264 of the County Code, the Stormwater Management District includes all the land within the boundaries of Prince George's County, Maryland, except for land within the City of Bowie. Within this special taxing district, the County exercises all the rights, powers and responsibilities for stormwater management, which is defined as the planning, designing, acquisition, construction, demolition, maintenance and operation of facilities, practices and programs for the control and disposition of storm and surface waters, including floodproofing and flood control and navigation, so as to make available to residents and property owners of the Stormwater Management District an efficient and safe operating service. The Stormwater Management Enterprise Fund funds stormwater management activities within the district. Responsibility for administering these activities is shared between the Department of the Environment and the Department of Public Works and Transportation.

The Department of the Environment's Storm Water Management Division (SMD) and Sustainability Division (SD) carry out Municipal Separate Storm Sewer System (MS4) permit water quality regulations. SMD focuses on flood mitigation through planning, design, construction and permitting of remedial flood and drainage improvement projects. SD focuses on sustainable services and with the MS4 and Watershed Implementation Plan (WIP) requirements facing the County. SD division provides research, outreach and tracking of sustainability efforts for the agency.

Fiscal Summary

In FY 2020, compensation expenditures in the Department of the Environment's portion of the fund increase 1.6% over the FY 2019 budget, primarily due to mandated salary requirements. Compensation costs includes funding for 61 full time positions. Fringe benefit expenditures decrease 29.3% under the FY 2019 budget to reflect anticipated costs.

Operating expenditures increase 15.6% over the FY 2019 budget due to increases in principal and interest payments for prior-year Stormwater Bond debt and capital depreciation.

Recoveries increase 20.0% over the FY 2019 budget due to an increase in recoverable expenses from Stormwater Bond-funded capital projects.

Expenditures by Category

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimate	FY 2020 Approved	Change FY19-FY20	
					Amount (\$)	Percent (%)
Compensation	\$4,827,789	\$5,525,100	\$5,525,100	\$5,616,000	\$90,900	1.6%
Fringe Benefits	3,307,089	4,210,200	4,210,200	2,976,500	(1,233,700)	-29.3%
Operating	30,589,387	48,633,100	39,082,500	56,225,000	7,591,900	15.6%
Total	\$38,724,265	\$58,368,400	\$48,817,800	\$64,817,500	\$6,449,100	11.0%
Recoveries	(2,166,189)	(1,436,700)	(1,436,700)	(1,724,000)	(287,300)	20.0%
Total	\$36,558,076	\$56,931,700	\$47,381,100	\$63,093,500	\$6,161,800	10.8%

Fund Summary

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimated	FY 2020 Approved	FY 2019-2020	
					Change \$	Change %
BEGINNING FUND BALANCE	\$(51,781,525)	\$(55,701,725)	\$(15,472,652)	\$(14,833,452)	\$40,868,273	-73.4%
REVENUES						
TAXES, SALES AND SERVICES						
Property Taxes	\$45,227,776	\$47,649,600	\$46,307,900	\$47,321,500	\$(328,100)	-0.7%
Grading Permits	1,891,998	1,100,000	1,905,700	1,905,700	805,700	73.2%
Permits	1,741,887	1,462,900	1,446,600	1,446,600	(16,300)	-1.1%
Tree Preservation	98,903	70,000	90,000	90,000	20,000	28.6%
Soil Conservation	236,300	236,300	180,000	180,000	(56,300)	-23.8%
Pond Fees	277,064	393,600	273,400	300,000	(93,600)	-23.8%
Water & Sewer Fees	101,245	87,500	110,900	90,000	2,500	2.9%
Sale of Plans	—	5,000	2,700	3,000	(2,000)	-40.0%
GIS Floodplan Service	79,615	21,100	104,100	80,000	58,900	279.1%
Stormwater Fee-in-Lieu	915,137	943,400	944,800	900,500	(42,900)	-4.5%
OTHER REVENUES						
Cell Towers	\$272,223	\$245,500	\$286,800	\$260,000	\$14,500	5.9%
Interest Income	2,392,967	717,900	885,200	1,000,000	282,100	39.3%
Reforestation Fee/Lieu	169,520	1,300	20,000	20,000	18,700	1,438.5%
Civil Citations	—	300	—	300	—	0.0%
Federal/State Grant Revenue	18,546	100,000	18,600	20,000	(80,000)	-80.0%
Miscellaneous	5,965	2,500	3,800	2,500	—	0.0%
Appropriated Fund Balance	—	19,443,100	—	22,057,500	2,614,400	13.4%
Transfers in from the Water Quality Fund	—	—	—	3,624,500	3,624,500	0.0%
Total Revenues	\$53,429,146	\$72,480,000	\$52,580,500	\$79,302,100	\$6,822,100	9.4%
EXPENDITURES - DEPARTMENT OF THE ENVIRONMENT (DOE)						
Compensation	\$4,827,789	\$5,525,100	\$5,525,100	\$5,616,000	\$90,900	1.6%
Fringe Benefits	2,457,602	1,486,400	3,128,700	2,211,900	725,500	48.8%
Fringe Benefits (OPEB)	849,487	2,723,800	1,081,500	764,600	(1,959,200)	-71.9%
Operating Expenses	25,224,223	33,168,000	24,933,100	34,444,000	1,276,000	3.8%
Capital Outlay	—	—	—	—	—	0.0%
Debt Service Interest Expense	5,365,164	6,315,700	5,000,000	9,433,600	3,117,900	49.4%
Debt Service Principal	—	9,149,400	9,149,400	12,347,400	3,198,000	35.0%
Recoveries	(2,166,189)	(1,436,700)	(1,436,700)	(1,724,000)	(287,300)	20.0%
Subtotal - DOE	\$36,558,076	\$56,931,700	\$47,381,100	\$63,093,500	\$6,161,800	10.8%

Fund Summary (continued)

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimated	FY 2020 Approved	FY 2019-2020	
					Change \$	Change %
EXPENDITURES - DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (DPWT)						
Compensation	\$6,674,336	\$7,372,600	\$6,930,900	\$7,789,100	\$416,500	5.6%
Fringe Benefits	3,659,223	2,709,700	2,330,400	2,683,300	(26,400)	-1.0%
Fringe Benefits (OPEB)	2,214,706	1,595,900	1,410,500	1,624,100	28,200	1.8%
Operating Expenses	3,422,156	3,870,100	3,037,800	4,112,100	242,000	6.3%
Subtotal - DPWT	\$15,970,421	\$15,548,300	\$13,709,600	\$16,208,600	\$660,300	4.2%
Total Expenditures	\$52,528,497	\$72,480,000	\$61,090,700	\$79,302,100	\$6,822,100	9.4%
EXCESS OF REVENUES OVER EXPENDITURES	900,649	—	(8,510,200)	—	—	0.0%
Adding Principal	—	9,149,400	9,149,400	12,347,400	3,198,000	35.0%
OTHER ADJUSTMENTS	35,408,224	—	—	—	—	0.0%
ENDING FUND BALANCE	\$(15,472,652)	\$(65,995,425)	\$(14,833,452)	\$(24,543,552)	\$41,451,873	-62.8%

Local Watershed Protection & Restoration Fund

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

Fiscal Summary

In FY 2020, compensation expenditures in the fund increase 17.2% over the FY 2019 budget primarily due to mandated salary requirements. Compensation costs includes funding for 10 full time positions. Fringe benefit expenditures increase 44.8% over the FY 2019 budget due to an increase in compensation and to reflect anticipated costs.

Operating expenditures decrease 66.3% under the FY 2019 budget due to the removal of a one-time operating expense transfer appropriated in FY 2019 to support Phase II of the Clean Water Partnership activities, which was replaced by financing through the Water Quality Revolving Loan Program. The Water Quality Revolving Loan Program also accounts for a decrease in anticipated principal and interest payments in the fund.

Expenditures by Category

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimate	FY 2020 Approved	Change FY19-FY20	
					Amount (\$)	Percent (%)
Compensation	\$521,077	\$950,000	\$782,200	\$1,113,500	\$163,500	17.2%
Fringe Benefits	149,191	229,900	201,400	332,900	103,000	44.8%
Operating	4,008,478	42,979,000	10,803,700	14,485,900	(28,493,100)	-66.3%
Total	\$4,678,746	\$44,158,900	\$11,787,300	\$15,932,300	\$(28,226,600)	-63.9%
Total	\$4,678,746	\$44,158,900	\$11,787,300	\$15,932,300	\$(28,226,600)	-63.9%

Fund Summary

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimated	FY 2020 Approved	FY 2019-2020	
					Change \$	Change %
BEGINNING FUND BALANCE	\$54,006,792	\$63,307,292	\$64,804,559	\$67,589,159	\$4,281,867	6.8%
REVENUES						
Clean Water Act Fees	\$14,530,735	\$14,772,300	\$14,571,900	\$14,600,500	\$(171,800)	-1.2%
Interest	945,778	—	—	900,000	900,000	0.0%
Appropriated Fund Balance	—	29,386,600	—	431,800	(28,954,800)	-98.5%
Transfers in	—	—	—	—	—	0.0%
Total Revenues	\$15,476,513	\$44,158,900	\$14,571,900	\$15,932,300	\$(28,226,600)	-63.9%
EXPENDITURES						
Compensation	\$521,077	\$950,000	\$782,200	\$1,113,500	\$163,500	17.2%
Fringe	149,191	229,900	201,400	332,900	103,000	44.8%
Operating Expenses	4,008,478	38,036,400	10,803,700	8,969,600	(29,066,800)	-76.4%
Capital Outlay	—	—	—	—	—	0.0%
Interfund Transfer to Stormwater Fund	—	—	—	3,624,500	3,624,500	0.0%
Interfund Transfer to CIP	—	—	—	—	—	0.0%
Debt Service - Interest Expense	—	1,855,700	—	718,900	(1,136,800)	-61.3%
Debt Service - Principal	—	3,086,900	—	1,172,900	(1,914,000)	-62.0%
Total Expenditures	\$4,678,746	\$44,158,900	\$11,787,300	\$15,932,300	\$(28,226,600)	-63.9%
EXCESS OF REVENUES OVER EXPENDITURES	10,797,767	—	2,784,600	—	—	0.0%
Adding Principal	—	3,086,900	—	1,172,900	(1,914,000)	-62.0%
OTHER ADJUSTMENTS	—	—	—	—	—	0.0%
ENDING FUND BALANCE	\$64,804,559	\$33,920,692	\$67,589,159	\$68,330,259	\$34,409,567	101.4%

GRANT FUNDS SUMMARY

Expenditures by Category - Grant Funds

Category	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimate	FY 2020 Approved	Change FY19-FY20	
					Amount (\$)	Percent (%)
Compensation	\$—	\$—	\$—	\$—	\$—	
Fringe Benefits	—	—	—	—	—	
Operating	63,995	—	—	38,500	38,500	
Capital Outlay	—	—	—	—	—	
Total	\$63,995	\$—	\$—	\$38,500	\$38,500	

The FY 2020 approved grant budget for the Department of the Environment is \$38,500, an increase over the FY 2019 approved budget of 0. The Department has several capital grant appropriations located in the capital budget. DOE does not have grant-funded employees.

Grant Funds by Division

Grant Name	FY 2018 Actual	FY 2019 Budget	FY 2019 Estimate	FY 2020 Approved	Change FY19-FY20	
					Amount (\$)	Percent (%)
Animal Services						
Spay-A-Day Keeps the Litter Away	\$50,805	\$—	\$—	\$38,500	\$38,500	
Total Animal Services	\$50,805	\$—	\$—	\$38,500	\$38,500	
Solid Waste Enterprise Fund						
Food Scrap Composting	\$13,190	\$—	\$—	\$—	\$—	
Total Solid Waste Enterprise Fund	\$13,190	\$—	\$—	\$—	\$—	
Subtotal	\$63,995	\$—	\$—	\$38,500	\$38,500	
Total Transfer from General Fund - (County Contribution/Cash Match)						
Total	\$63,995	\$—	\$—	\$38,500	\$38,500	

Grant Descriptions

SPAY-A-DAY KEEPS THE LITTER AWAY -- \$38,500

The Maryland Department of Agriculture provides funding for outreach, education, rabies vaccinations and

no-cost spay/neuter services for a total of 365 dogs and cats to low-income pet owners in towns throughout the County's TNI areas.

SERVICE DELIVERY PLAN AND PERFORMANCE

Goal 1 — To provide water quality improvement and to provide mitigation projects to address flooding issues.

Objective 1.1 — Increase the total percentage of impervious areas retrofitted with stormwater controls.

FY 2024 Target	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected	Trend
0%	15%	37%	40%	49%	↑

Trend and Analysis

Restoration of impervious surfaces not treated with stormwater management is one of the most important goals for meeting the County's NPDES/MS4 permit and Watershed Implementation Plan (WIP) mandates. The County is required to retrofit 20% of untreated impervious surfaces within the current five-year permit cycle. Factors affecting this performance measure include the availability of private property opportunities, unintended delays in procurement, permitting, land acquisition/easements, construction and annual funding commitments. The agency is working collaboratively with other County agencies to streamline programs and services to achieve the MS4 Permit objectives.

Performance Measures

Measure Name	FY 2016 Actual	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected
Resources (Input)					
Number of delegated NPDES program staff	41	41	42	42	42
Workload, Demand and Production (Output)					
Number of water quality complaints addressed from the public	6	3	3	5	5
Number of outfalls sampled	200	166	158	150	150
Number of water quality projects in planning, design or construction	50	218	138	185	185
Number of Total Maximum Daily Load (TMDL) implementation plans completed	0	0	1	1	1
Number of public outreach and education water quality event participants	7,000	4,506	103	106	106
Number of water quality monitoring stations operated	3	3	3	2	2
Efficiency					
Value of CIP Projects/total expenditure (\$ in millions)	\$26.0	\$37.0	\$80.0	\$53.0	\$79.0

Performance Measures *(continued)*

Measure Name	FY 2016 Actual	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected
Quality					
Percent of Maryland Department of the Environment satisfaction with mandated programs	85%	85%	75%	80%	85%
Impact (Outcome)					
Total percent of the retrofitted impervious areas where stormwater management facilities are installed	9%	15%	37%	40%	49%

Objective 1.2 — Decrease the percentage of structures identified at risk of flooding.

FY 2024 Target	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected	Trend
17%	19%	19%	18%	16%	↔

Trend and Analysis

Flood control projects are performed by the Agency to reduce the risks of loss of life and property as a result of flood events. A significant storm event (also known as a 100-year storm) is a national standard established by FEMA. Upon completion of the capital projects for the Anacostia River Watershed levee and other flood mitigation projects, the agency will be on track for achieving the FY 2021 goal of 1,775 structures protected.

Performance Measures

Measure Name	FY 2016 Actual	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected
Resources (Input)					
Number of flood protection staff	7	7	7	7	7
Workload, Demand and Production (Output)					
Number of drainage complaints	399	263	264	240	230
Number of flood protection projects in planning, design, or construction	23	18	16	16	24
Number of flood insurance studies conducted	6	5	6	9	9
Number of flood warning gauges operated	40	40	40	40	40
Efficiency					
Number of drainage complaints per staff	57	38	132	75	75
Quality					
Average number of days to complete a drainage complaint investigation	3.0	3.0	4.0	3.0	3.0
Impact (Outcome)					
Total percentage of structures identified at risk of flooding	20%	19%	19%	18%	16%

Goal 2 — To enhance management of waste as a valued commodity while further improving collections, recycling, diversion and customer service through resource recovery.

Objective 2.1 — Increase the percentage of residential solid waste recaptured from the solid waste stream through recycling.

FY 2024 Target	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected	Trend
28%	35%	23%	24%	25%	↑

Trend and Analysis

Trends in the area of residential single-stream recycling, scrap metal recycling and yard trim composting indicate approximately 1.5% increase per fiscal year. Aggressive outreach and education could garner a higher residential recycling rate increase over the next several years; otherwise, the rate of increase is fairly stable.

Performance Measures

Measure Name	FY 2016 Actual	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected
Resources (Input)					
Number of recycling staff	10	10	14	14	16
Workload, Demand and Production (Output)					
Number of households participating in curbside recycling (residential)	172,244	173,493	175,228	176,103	179,097
Number of tons of solid waste recaptured through recycling (residential)	83,458	42,007	44,192	45,075	46,653
Number of multi-family properties in the County	424	439	440	439	439
Number of commercial businesses in the County	42,000	42,000	48,000	48,000	48,000
Number of field visits to multi-family sector	769	163	892	910	942
Number of field visits to commercial sector	734	727	1,473	1,502	1,555
Recycling events and outreach programs	113	113	157	160	170
Number of multi-family properties with a recycling plan on file	367	395	439	439	439
Efficiency					
Average number of curbside recycling pick-ups per contractor utilized	9,804.0	9,638.0	8,191.0	8,261.0	8,261.0
Impact (Outcome)					
Percentage of residential solid waste recaptured through recycling	34%	35%	23%	24%	25%
Percentage of multi-family properties participating in the recycling program	84%	91%	95%	97%	100%

Objective 2.2 — Reduce the percentage of recycling and waste management complaints requiring action.

FY 2024 Target	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected	Trend
70%	71%	70%	70%	70%	↔

Trend and Analysis

Ongoing communication with contractors' field monitors and managers has resulted in a more favorable, on-time curbside collection and on-premise collections. Continue partnership with the contractors' field monitors and community outreach may further result in lowering collection and placement complaints.

Performance Measures

Measure Name	FY 2016 Actual	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected
Resources (Input)					
Number of inspection staff (collections)	7	7	9	9	9
Workload, Demand and Production (Output)					
Tons of garbage collected	153,948	153,668	157,060	159,000	160,590
Number of valid collection complaints	5,533	9,123	7,200	7,841	7,919
Efficiency					
Average number of collection complaints per inspection staff	5,533.0	9,137.0	800.0	871.0	879.0
Quality					
Average number of days to complete investigation of a refuse complaint	4.0	4.0	4.0	4.0	4.0
Impact (Outcome)					
Percentage of customer refuse collection complaints requiring corrective action	72%	71%	70%	70%	70%
Percent of customer refuse collection complaints requiring investigation	100%	100%	100%	100%	100%

Goal 3 — To provide animal management and adoption services to County residents and citizens to ensure the safety and welfare of animals in the County.

Objective 3.1 — Increase the placement of animals as a percentage of intakes into forever homes and/or facilities.

FY 2024 Target	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected	Trend
82%	72%	75%	76%	77%	↑

Trend and Analysis

Animal Services Division continues to strive to reach its #1 goal for placing animals into loving, forever homes by increasing adoption promotions, rescue organization partnerships and low-cost spay neuter clinics. Since FY 2017, the percentage of animals placed in forever homes and/or facilities has increased from 72% to 77% and it is anticipated this percentage will continue to increase year over year.

Performance Measures

Measure Name	FY 2016 Actual	FY 2017 Actual	FY 2018 Actual	FY 2019 Estimated	FY 2020 Projected
Resources (Input)					
Number of animal control officers	14	14	14	14	14
Number of adoption counselors	4	4	5	1	4
Number of rescue coordinators	3	3	4	3	3
Number of kennel staff	26	30	34	33	33
Workload, Demand and Production (Output)					
Number of adoption events held (off-site)	43	40	16	35	20
Number of adoption events held (on-site)	54	57	59	57	58
Number of intakes - dogs	4,118	4,200	4,164	4,100	4,000
Number of intakes - cats	4,460	4,058	3,875	3,900	3,800
Number of general public spay/neuter completed	2,361	2,417	3,337	3,400	3,450
Total number of adoption applications received	4,110	3,666	4,214	3,870	3,900
Number of humane education presentations	41	81	82	83	85
Efficiency					
Average number of adoption applications per adoption counselor	1,028.0	917.0	1,222.0	1,018.0	1,100.0
Impact (Outcome)					
Live Release Total	4,769	5,136	5,437	5,500	5,565
Live Release Rate (as a percentage of adoptable intake)	70%	72%	75%	76%	77%