

# DEPARTMENT OF THE ENVIRONMENT - 154

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## MISSION AND SERVICES

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**Mission** – 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 and flood control
- 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

### **Strategic Focus in FY 2019 -**

The agency's top priorities in FY 2019 are:

- Increase the total percentage of impervious areas retrofitted with stormwater management controls to support goals 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 2019 BUDGET SUMMARY

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The FY 2019 approved budget for the Department of the Environment is \$208,027,100, an increase of \$33,773,800 or 19.4% over the FY 2018 approved budget.

**GENERAL FUNDS**

The FY 2019 approved General Fund budget for the Department of the Environment is \$4,318,200, an increase of \$149,700 or 3.6% over the FY 2018 approved budget.

**Budgetary Changes -**

<b>FY 2018 APPROVED BUDGET</b>	<b>\$4,168,500</b>
<b>Increase Cost: Compensation - Mandated Salary Requirements</b> - Includes an increase in anticipated vacancy lapse and the conversion of a part-time Radio Dispatcher to a full-time position	\$353,900
<b>Increase Cost: Fringe Benefits</b> - Increase in the fringe benefits rate from 34.2% to 34.4% and compensation adjustments	\$134,100
<b>Increase Cost: Operating</b> - Increase in office automation charges based on the number of funded positions in an agency	\$99,200
<b>Increase Cost: Operating</b> - Operating Contracts - Largely for new transcription services needed for Animal Control Commission hearings and landscaping services	\$46,500
<b>Add: Operating</b> - Funding supports interfacing the Animal Services Chameleon software to the 311 citizen services request system enabling real time updates to the 311 system	\$16,000
<b>Decrease Cost: Operating</b> - Other - Primarily a decrease in the fleet vehicle charge and aligning gas and oil to historical spending	(\$30,500)
<b>Decrease Cost: Recovery Increase</b> - Aligning recoveries from the Stormwater and Solid Waste Funds to historical budgeted and actual rates	(\$469,500)
<b>FY 2019 APPROVED BUDGET</b>	<b>\$4,318,200</b>

## ENTERPRISE FUNDS

**SOLID WASTE MANAGEMENT ENTERPRISE FUND**

The FY 2019 approved Solid Waste Enterprise Fund budget for the Department of the Environment is \$102,618,300, an increase of \$4,091,800 or 4.2% over the FY 2018 approved budget.

**Budgetary Changes -**

<b>FY 2018 APPROVED BUDGET</b>	<b>\$98,526,500</b>
<b>Increase Cost: Operating</b> - General & Administrative Contracts - Primarily related to Leachate Hauling from landfills and operation of the Materials Recycling Facility	\$3,844,600
<b>Increase Cost: Operating</b> - Debt Service - Principal and Interest payments from the Solid Waste Fund for Capital Improvement Projects	\$624,300
<b>Increase Cost: Operating</b> - Interagency Charges - Increase in other agencies' recoverable expenditures from the Solid Waste Fund	\$425,100
<b>Increase Cost: Recovery Reduction</b> - Decrease in actual expenses related to post-closure of the Sandy Hill landfill	\$205,800
<b>Increase Cost: Operating</b> - Other - Primarily an increase in vehicle repair, offset by decreases in office automation and telephone charges	\$106,900
<b>Increase Cost: Compensation - Mandated Salary Requirements</b> - Includes attrition and lapse to align with agency experience	\$71,500
<b>Add: Initiatives - Expansion</b> - FY 2019 Litter Reduction Education Campaign	\$50,000
<b>Increase Cost: Compensation - Funded Vacancy</b> - Funding for one previously unfunded Laborer to assist with animal carcass removal	\$36,100
<b>Decrease Cost: Fringe Benefits</b> - Maintaining the fringe benefits rate of 63.4%, offset with reduced funding for positions related to the Abandoned Vehicles Unit	(\$132,500)
<b>Decrease Cost: Capital Outlay</b> - Primarily due to the removal of one-time funding for capital outlay purchases	(\$289,700)
<b>Shift: Transfer of program to another department</b> - Abolishing three Abandoned Vehicles Unit positions in DOE as the towing function is being transferred to the Revenue Authority	(\$316,600)
<b>Decrease Cost: Operating</b> - Removing contributions to the Capital Improvement Program	(\$533,700)
<b>FY 2019 APPROVED BUDGET</b>	<b>\$102,618,300</b>

**STORMWATER MANAGEMENT ENTERPRISE FUND**

The FY 2019 approved Stormwater Management Enterprise Fund budget for the Department of the Environment is \$56,931,700, an increase of \$662,500 or 1.2% over the FY 2018 approved budget.

**Budgetary Changes -**

<b>FY 2018 APPROVED BUDGET</b>	<b>\$56,269,200</b>
<b>Increase Cost: Operating</b> - Debt Service - Principal and Interest payments from the Stormwater Fund for Capital Improvement Projects	\$1,733,000
<b>Add: Initiatives - New</b> - Implementation of a GIS Geodatabase Enterprise System for NPDES/MS4 permit compliance	\$1,000,000
<b>Increase Cost: Compensation - Mandated Salary Requirements</b> - Includes a decrease in vacancy lapse	\$526,100
<b>Increase Cost: Recovery Reduction</b> - Reflects a decrease in recoverable expenditures from Capital Improvement Projects	\$292,500
<b>Increase Cost: Fringe Benefits</b> - Maintaining the fringe benefits rate of 76.2% with an increase in spending on compensation	\$260,000
<b>Increase: Operating Expenses Cash Match</b> - Align County contribution as required for the Chesapeake Bay Trust Watershed Assistance Grant - Lawn Aeration	\$171,700
<b>Decrease Cost: Operating</b> - Decrease in office automation charges based on the number of funded positions in an agency	(\$116,200)
<b>Shift: Transfer of positions to another department</b> - Transferring two positions to DPIE related to plan review	(\$185,000)
<b>Decrease Cost: Operating</b> - Reduction in general and administrative contracts to meet anticipated operational needs	(\$1,312,600)
<b>Decrease Cost: Operating</b> - Interagency Charges - Decrease in other agencies' recoverable expenditures from the Stormwater Fund	(\$1,707,000)
<b>FY 2019 APPROVED BUDGET</b>	<b>\$56,931,700</b>

**LOCAL WATERSHED PROTECTION AND RESTORATION FUND**

The FY 2019 approved Local Watershed Protection and Restoration Fund budget for the Department of the Environment is \$44,158,900, an increase of \$29,386,600 or 198.9% over the FY 2018 approved budget.

**Budgetary Changes -**

<b>FY 2018 APPROVED BUDGET</b>	<b>\$14,772,300</b>
<b>Add: Initiatives - Expansion</b> - Implementation of Phase II of the Clean Water Partnership	\$31,900,000
<b>Increase Cost: Operating</b> - Debt Service - Principal and Interest payments from the Water Quality Fund for the Clean Water Partnership	\$1,977,600
<b>Increase Cost: Operating</b> - Social and Economic Programs for the Clean Water Partnership	\$1,361,400
<b>Increase Cost: Operating</b> - Best Management Practices (BMP) maintenance and other Operational Costs for the Clean Water Partnership	\$900,000
<b>Increase Cost: Operating</b> - Third Party Inspections for Clean Water Partnership implementation	\$850,000
<b>Increase Cost: Compensation - Mandated Salary Requirements</b>	\$99,400
<b>Increase Cost: Fringe Benefits</b> - Maintaining the fringe benefits rate of 24.2% with an increase in spending on compensation	\$24,100
<b>Decrease Cost: Operating</b> - Reflecting a reduction in training	(\$6,400)
<b>Decrease Cost: Operating</b> - Administrative Costs for the County's Stormwater Rebate and Grant program	(\$285,000)
<b>Decrease Cost: Operating</b> - Reduction in funding for the County's Local Watershed Protection and Restoration Grants program	(\$1,300,000)
<b>Decrease Cost: Operating</b> - Removing contributions to the Capital Improvement Program	(\$6,134,500)
<b>FY 2019 APPROVED BUDGET</b>	<b>\$44,158,900</b>

**GRANT FUNDS**

The FY 2019 approved grant budget for the Department of the Environment is \$0, a decrease of \$516,800 or 100.0% under the FY 2018 approved budget.

**Budgetary Changes –**

<b>FY 2018 APPROVED BUDGET</b>	<b>\$516,800</b>
<b>Eliminate: Program/Service</b> - Electronic Recycling	(\$12,000)
<b>Eliminate: Program/Service</b> - Food Scrap Composting	(\$20,000)
<b>Eliminate: Program/Service</b> - Spay-A-Day Keeps the Litter Away	(\$40,000)
<b>Eliminate: Program/Service</b> - MD DNR Trust Fund Grant - Basil Court Pond Retrofits	(\$144,800)
<b>Eliminate: Program/Service</b> - CBT Watershed Assistance Grant - Urban Retrofit	(\$300,000)
<b>FY 2019 APPROVED BUDGET</b>	<b>\$0</b>

**SERVICE DELIVERY PLAN AND PERFORMANCE**

**GOAL 1** - To provide water quality improvement to improve water quality conditions in the County's watersheds to meet the National Pollutant Discharge Elimination (NPDES)/Municipal Separate Sewer Systems (MS4) permit mandates, and to provide mitigation projects to address flooding issues where applicable to residential structures identified as being at risk.

<b>Objective 1.1</b> - Increase the total percentage of impervious areas retrofitted with stormwater controls.					
<b>FY 2023 Target</b>	<b>FY 2016 Actual</b>	<b>FY 2017 Actual</b>	<b>FY 2018 Estimated</b>	<b>FY 2019 Projected</b>	<b>Trend</b>
100%	0.9%	15.0%	36.2%	49.0%	↑

**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 (6,105 acres). For the current cycle, factors affecting this performance measure include availability of private property opportunities, procurement and permitting issues, land acquisition/easements, construction, and annual funding commitments. DOE is working collaboratively with DPIE, DPW&T and OCS/Procurement to streamline programs and services to achieve the MS4 Permit objectives.

In FY 2017, the agency retrofitted 913 acres (790 Clean Water Partnership + 123 Capital Improvement Project). Overall, the agency anticipates completing 1,294 acres (1,210 CWP + 84 CIP) in FY 2018 and 785 acres (500 CWP + 285 CIP) in FY 2019. The aggregate total at the end of the FY 2019 is projected to be 2,992 acres.

The current NPDES MS4 permits expire on January 2, 2019. Jurisdictions are responding to performance challenges completing the 20% restoration targets within the current permit cycle and are in discussions with MDE are anticipated to allow for carryover of unperformed Impervious Area Treatment (IAT) acres into the next generation 5-year permit cycle 2019 - 2024.

**Performance Measures**

Measure Name	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected
<b>Resources (input)</b>					
Number of DOE delegated NPDES program staff	41	41	41	42	42
<b>Workload, Demand and Production (output)</b>					
Number of water quality complaints addressed from the public	24	6	3	5	5
Number of outfalls sampled	190	180	166	150	150
Number of water quality projects in planning, design, or construction	45	614	218	72	86
Number of Total Maximum Daily Load (TMDL) implementation plans completed	1	0	0	0	0
Number of public outreach and education water quality event participants	3,317	8,753	4,506	5,000	5,000
Number of water quality monitoring stations operated	3	3	3	3	3
<b>Efficiency</b>					
Value of CIP Projects/total expenditure (\$ in millions)	\$25.2	\$26.0	\$36.5	\$101.3	\$88.6
<b>Quality</b>					
Percent of MDE satisfaction with mandated programs	85%	85%	85%	90%	90%
<b>Impact (outcome)</b>					
Total percent of the retrofitted impervious areas where stormwater management facilities are installed	0.6%	0.9%	15.0%	36.2%	49.0%

<b>Objective 1.2 - Decrease the percentage of structures identified at risk of flooding.</b>					
FY 2023 Target	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected	Trend
0%	20%	19%	15%	4%	↓

**Trend and Analysis**

The agency performs flood control projects to reduce the risks of loss of life and property as a result of flood events. The Federal Emergency Management Agency (FEMA) establishes a national standard defined as a significant storm event (also known as a 100-year storm). Upon completion of the Capital improvements Projects (CIP) work for the Anacostia River Watershed levee and other flood mitigation projects (Allison Street and Upper Marlboro), the agency will be on track to achieve its FY 2021 performance target of 1,775 structures protected.

In FY 2018, the contract to construct the Allison Street levee will be awarded by the County's Department of Public Works and Transportation. It is expected that the Upper Marlboro channel conveyance will be in the bid phase in the last quarter of FY 2018. Factors affecting this performance measure include unintended delays in easements and land acquisition, permitting delays and procurement and funding availability.

**Performance Measures**

Measure Name	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected
<b>Resources (input)</b>					
Number of flood protection staff	15	7	7	7	7
<b>Workload, Demand and Production (output)</b>					
Number of drainage complaints	491	399	263	240	230
Number of flood protection projects in planning, design, or construction	22	23	18	30	40
Number of flood insurance studies conducted	0	6	5	9	9
Number of flood warning gauges operated	40	40	40	40	40
<b>Efficiency</b>					
Number of drainage complaints per staff	32.7	57.0	37.6	34.3	32.9
<b>Quality</b>					
Average number of days to complete a drainage complaint investigation	3	3	3	3	3
<b>Impact (outcome)</b>					
Total percentage of structures identified at risk of flooding	21.0%	20.0%	19.0%	15.0%	4.0%

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

<b>Objective 2.1</b> - Increase the percentage of residential solid waste recaptured from the solid waste stream through recycling.					
FY 2023 Target	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected	Trend
39%	35%	22%	20%	30%	↔

**Trend and Analysis**

In FY 2016, the agency changed the measurement for number of tons of solid waste recaptured through recycling (residential) to only include residential curbside recyclables. It is now omitting previously reported tonnage for yard trim and food scraps. The volume of residential single-stream recycling, scrap metal recycling and yard trim composting is increasing by approximately 2.1% per fiscal year. Aggressive outreach and education could potentially garner a higher residential recycling rate increase over the next several years. Otherwise, increase rates will remain fairly stable.

The passage of CB-87-2012 and the enforcement of the mandatory multifamily recycling law are ensuring a high rate of participation by multifamily properties.



**Performance Measures**

Measure Name	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected
<b>Resources (input)</b>					
Number of recycling staff	11	10	10	16	16
<b>Workload, Demand and Production (output)</b>					
Number of households participating in curbside recycling (residential)	170,313	172,244	173,493	175,227	176,103
Number of tons of solid waste recaptured through recycling (residential)	78,746	83,458	42,007	42,869	43,083
Number of multi-family properties in the County	404	424	439	439	439
Number of field visits to multi-family sector	593	769	163	200	225
Number of field visits to commercial sector	455	734	727	750	800
Recycling events and outreach programs	128	113	113	130	140
Number of multi-family properties with a recycling plan on file	397	367	395	439	439
<b>Efficiency</b>					
Average number of curbside recycling pick-ups per contractor utilized	56,771	9,804	9,638	8,190	8,261
<b>Quality</b>					
Percentage of recycling bins collected on time	99%	99%	99%	99%	99%
<b>Impact (outcome)</b>					
Percentage of residential solid waste recaptured through recycling	34%	35%	22%	20%	30%
Percentage of multi-family properties participating in the recycling program	73%	84%	91%	92%	95%

<b>Objective 2.2 - Reduce the percentage of recycling and waste management complaints requiring action.</b>					
FY 2023 Target	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected	Trend
42%	77%	71%	70%	70%	↓

**Trend and Analysis**

The agency engages in ongoing communication with contractors, field monitors and managers in an attempt to achieve a more favorable, on-time curbside collection and on-premise collections. The agency anticipates that its continued partnership with the contractors’ field monitors and community outreach may further result in lowering collection and placement complaints.

**Performance Measures**

Measure Name	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected
<b>Resources (input)</b>					
Number of inspection staff (collections)	5	7	7	8	9
<b>Workload, Demand and Production (output)</b>					
Tons of garbage collected	152,948	153,668	145,026	153,794	154,971
Number of valid collection complaints	5,533	9,123	7,961	7,500	7,200
<b>Efficiency</b>					
Average number of collection complaints per inspection staff	1,107	1,303	1,137	938	800
<b>Quality</b>					
Average number of days to complete investigation of a refuse complaint	4	4	4	4	4
<b>Impact (outcome)</b>					
Percentage of customer refuse collection complaints requiring corrective action	72%	77%	71%	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.

<b>Objective 3.1</b> - Increase the placement of animals as a percentage of intakes into forever homes and/or facilities.					
FY 2023 Target	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected	Trend
77%	67%	72%	72%	73%	↑

**Trend and Analysis**

Animal Services Division continues to strive to reach its top goal for placing animals into loving, forever homes by increasing adoption promotions, rescue organization partnerships and low-cost spay neuter clinics. The agency brought on board additional volunteers to participate in off-site adoption events weekly in FY 2017, leading to a high number of events. It is decreasing in FY 2018 because two of the partners are no longer participating in adoption events.

**Performance Measures**

Measure Name	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Estimated	FY 2019 Projected
<b>Resources (input)</b>					
Number of animal control officers	14	14	14	14	14
Number of adoption counselors	3	4	4	4	4
Number of rescue coordinators	3	3	3	3	3
Number of kennel staff	31	26	30	30	30
<b>Workload, Demand and Production (output)</b>					
Number of adoption events held (off-site)	44	43	400	25	35
Number of adoption events held (on-site)	26	54	57	54	57
Number of intakes - dogs	4,362	4,118	4,200	3,384	3,300
Number of intakes - cats	4,742	4,460	4,058	4,692	4,500
Number of general public spay/neuter completed	2,155	2,361	2,417	2,450	2,500
Total number of adoption applications received	2,114	4,110	3,666	3,670	3,680
Number of humane education presentations	53	41	81	83	83
<b>Efficiency</b>					
Average number of adoption applications per adoption counselor	705	1,028	917	918	920
<b>Impact (outcome)</b>					
Live Release Total	4,429	4,769	5,136	5,145	5,150
Live Release Rate (as a percentage of adoptable intake)	61%	67%	72%	72%	73%

**FY 2018 KEY ACCOMPLISHMENTS**

- Retrofitted thirteen additional County schools with innovative water quality improvement projects, through the DOE/CWP PGCPs School Retrofit Program, bringing the total of participating schools to 28. The program works towards the NPDES MS4 permit mandate, while also integrating educational opportunities for the PGCPs Environmental Literacy mandate.
- Completed 1,000 private BMP devices inspections; 150 outfall inspections; and, reviewed SWPPP performance and compliance on ten County and eight Municipal facilities as a part of MS4 Regulatory Inspection.
- Sustainability Division (SD) personnel received national recognition for the development and commissioning of the PGCLitterTRAK and LitterTRAK mobile apps. National Association of Counties (NACo) selected this work for the *Best Category Award for Innovation* and presented SD personnel with the award at the national convention.
- Started the planning phase of a grant project that will install two trash traps along two tributaries (Cabin Branch and Guilford Run) to the Anacostia River. Litter captured via this trap will help the County achieve the mandated litter load reduction for the Anacostia River. The project includes monitoring, outreach and education.

- Developed an MOU with the University of Maryland for an environmental health and mapping tool along with a guidance document will be made available to the County for use in linking the ecosystem and government services to public health conditions.

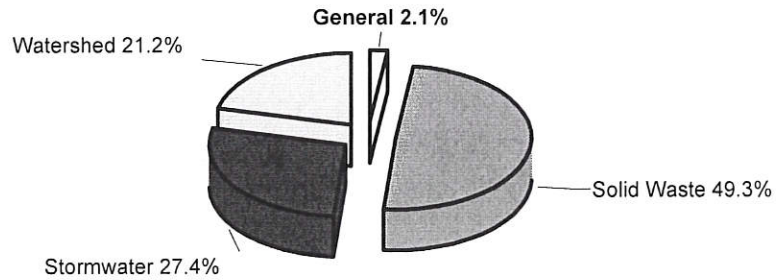
**ORGANIZATIONAL CHART**



	FY2017 ACTUAL	FY2018 BUDGET	FY2018 ESTIMATED	FY2019 APPROVED	CHANGE FY18-FY19
<b>TOTAL EXPENDITURES</b>	\$ 159,402,932	\$ 174,253,300	\$ 160,659,100	\$ 208,027,100	19.4%
<b>EXPENDITURE DETAIL</b>					
Office Of The Director	2,044,585	2,225,500	2,153,900	2,344,800	5.4%
Strategic Services	2,541,286	2,473,800	2,499,600	2,602,800	5.2%
Animal Services	4,388,215	4,810,200	4,519,000	5,181,100	7.7%
Grants	1,412,844	516,800	1,961,600	0	-100%
Solid Waste Management Fund	114,930,095	100,032,300	99,656,000	103,918,300	3.9%
Stormwater Management Fund	37,393,535	57,998,400	52,591,400	58,368,400	0.6%
Local Watershed Protection & Restoration Fund	2,248,552	14,772,300	5,698,400	44,158,900	198.9%
Recoveries	(5,556,180)	(8,576,000)	(8,420,800)	(8,547,200)	-0.3%
<b>TOTAL</b>	\$ 159,402,932	\$ 174,253,300	\$ 160,659,100	\$ 208,027,100	19.4%
<b>SOURCES OF FUNDS</b>					
General Fund	\$ 3,417,906	\$ 4,168,500	\$ 3,780,900	\$ 4,318,200	3.6%
<b>Other County Operating Funds:</b>					
Grants	1,412,844	516,800	1,961,600	0	-100%
Solid Waste Management Fund	114,930,095	98,526,500	98,356,000	102,618,300	4.2%
Stormwater Management Fund	37,393,535	56,269,200	50,862,200	56,931,700	1.2%
Local Watershed Protection & Restoration Fund	2,248,552	14,772,300	5,698,400	44,158,900	198.9%
<b>TOTAL</b>	\$ 159,402,932	\$ 174,253,300	\$ 160,659,100	\$ 208,027,100	19.4%

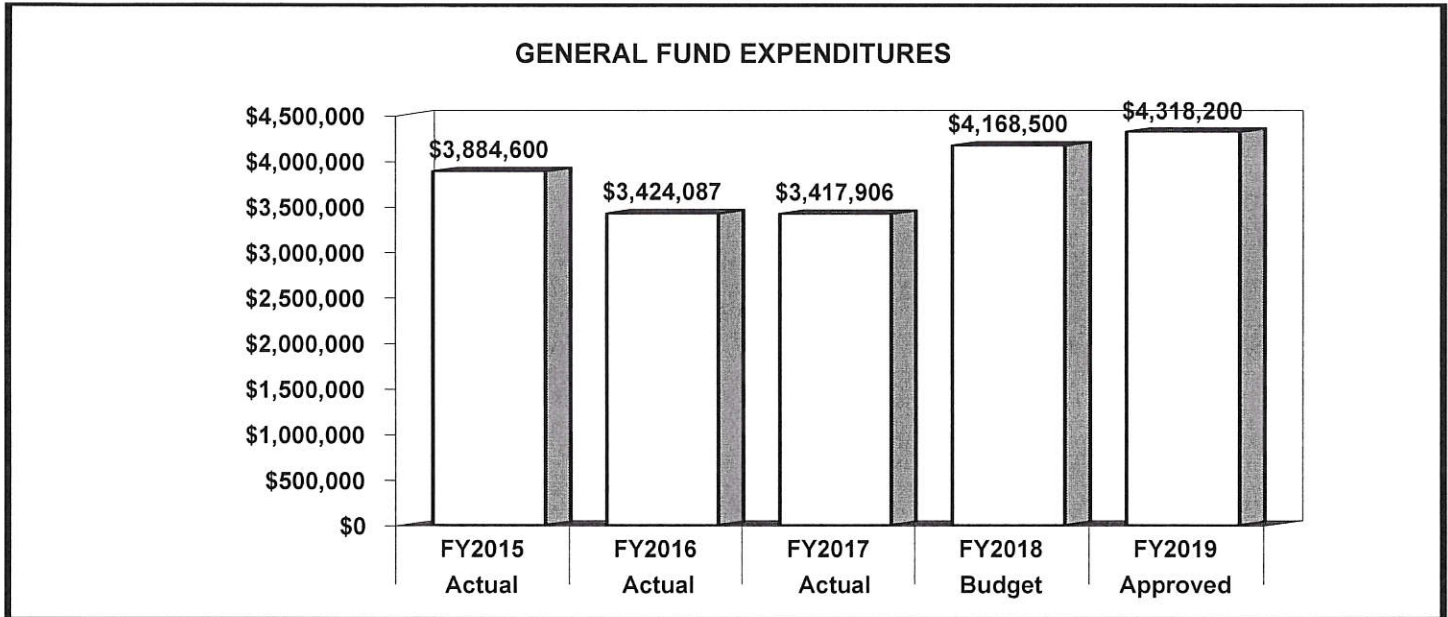
**FY2019 SOURCES OF FUNDS**

The agency is supported by five funding sources: the General Fund, the Solid Waste Management Enterprise Fund, the Storm Water Management Enterprise Fund, and the Local Watershed Protection and Restoration (or Water Quality) Enterprise Fund and grants. The three Enterprise Funds are comprised of the following revenue: Residential Fees for Solid Waste, Property Taxes for Stormwater, and Impact Fees for Water Quality.

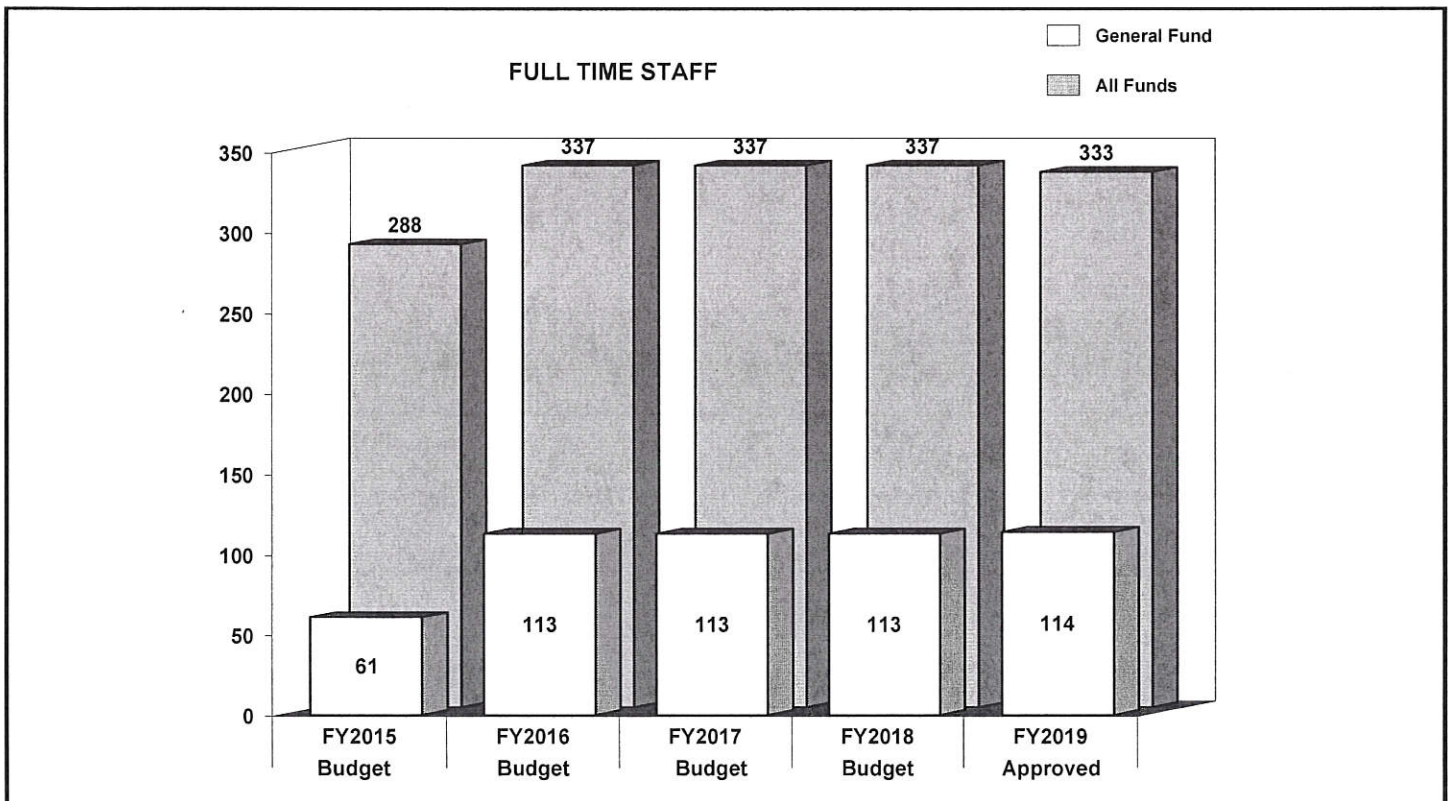


	FY2017 BUDGET	FY2018 BUDGET	FY2019 APPROVED	CHANGE FY18-FY19
<b>GENERAL FUND STAFF</b>				
Full Time - Civilian	113	113	114	1
Full Time - Sworn	0	0	0	0
Part Time	1	1	0	-1
Limited Term	0	0	0	0
<b>OTHER STAFF</b>				
Full Time - Civilian	224	224	219	(5)
Full Time - Sworn	0	0	0	0
Part Time	0	0	0	0
Limited Term Grant Funded	0	0	0	0
<b>TOTAL</b>				
Full Time - Civilian	337	337	333	(4)
Full Time - Sworn	0	0	0	0
Part Time	1	1	0	-1
Limited Term	0	0	0	0

POSITIONS BY CATEGORY	FULL TIME	PART TIME	LIMITED TERM
Administrative Support	27	0	0
Animal Control Att./Super	34	0	0
Animal Control Officers	17	0	0
Clerical/Secretarial	16	0	0
Community Development Aide	15	0	0
Crew Supervisors	6	0	0
Engineer Technicians	4	0	0
Engineers	36	0	0
Equipment Mechanics	4	0	0
Equipment Operators	31	0	0
Laborers	38	0	0
Managers	34	0	0
Others	33	0	0
Planners	19	0	0
Public Service Aides	4	0	0
Refuse Collection Supervisors and Inspectors	15	0	0
<b>TOTAL</b>	<b>333</b>	<b>0</b>	<b>0</b>



The agency's expenditures decreased 13.0% from FY 2015 to FY 2017. This decrease is primarily driven by an increase in recoverable expenditures from the Stormwater and Solid Waste Funds. The FY 2019 approved budget is 3.6% over the FY 2018 budget.



The agency's authorized General Fund staffing complement increased by 52 positions from FY 2015 to FY 2018. This increase is the result of converting animal management contractors to full-time employees. The FY 2019 General Fund staffing total increases by one position from the FY 2018 budget due to a reallocated part-time position.

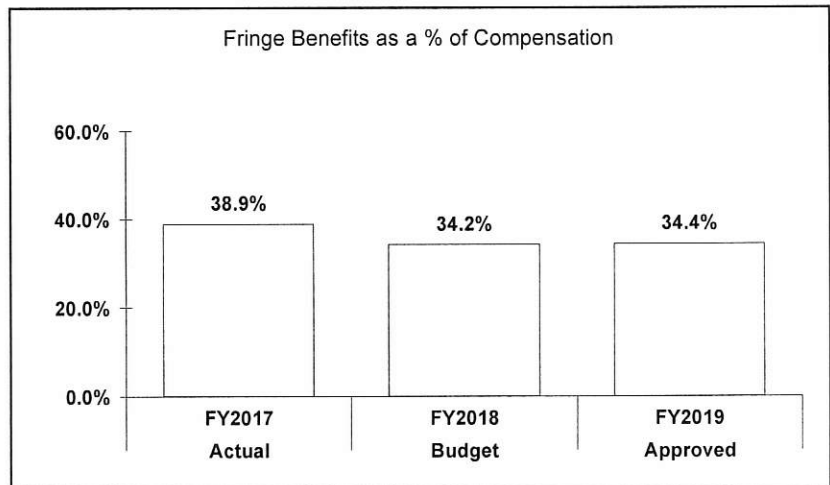
	FY2017 ACTUAL	FY2018 BUDGET	FY2018 ESTIMATED	FY2019 APPROVED	CHANGE FY18-FY19
<b>EXPENDITURE SUMMARY</b>					
Compensation	\$ 5,700,584	\$ 6,188,400	\$ 5,888,900	\$ 6,542,300	5.7%
Fringe Benefits	2,218,604	2,116,500	2,130,800	2,250,600	6.3%
Operating Expenses	1,054,898	1,204,600	1,152,800	1,335,800	10.9%
Capital Outlay	0	0	0	0	0%
	<u>\$ 8,974,086</u>	<u>\$ 9,509,500</u>	<u>\$ 9,172,500</u>	<u>\$ 10,128,700</u>	<u>6.5%</u>
Recoveries	(5,556,180)	(5,341,000)	(5,391,600)	(5,810,500)	8.8%
<b>TOTAL</b>	<b>\$ 3,417,906</b>	<b>\$ 4,168,500</b>	<b>\$ 3,780,900</b>	<b>\$ 4,318,200</b>	<b>3.6%</b>
<b>STAFF</b>					
Full Time - Civilian	-	113	-	114	0.9%
Full Time - Sworn	-	0	-	0	0%
Part Time	-	1	-	0	-100%
Limited Term	-	0	-	0	0%

In FY 2019, compensation expenditures increase 5.7% over the FY 2018 budget due to cost of living and merit adjustments for employees. Compensation costs includes funding for 114 full time positions, including a reallocation of one part-time position to full-time. Fringe benefit expenditures increase 6.3% over the FY 2018 budget to reflect anticipated costs.

Operating expenditures increase 10.9% over the FY 2018 budget due to increases in office automation charges using a new methodology based on the number of funded positions and transcription services needed for Animal Control Commission hearings.

Recoveries increase 8.8% over the FY 2018 budget due to aligning recoveries to historical actual spending rates.

MAJOR OPERATING EXPENDITURES FY2019	
Operational Contracts	\$ 586,400
Office Automation	\$ 347,500
Vehicle-Gas and Oil	\$ 90,000
Operating and Office Supplies	\$ 82,500
Vehicle and Heavy Equip Main.	\$ 77,200





## OFFICE OF THE DIRECTOR - 10

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.

## Division Summary:

In FY 2019, compensation expenditures increase 7.5% over the FY 2018 budget due to merit and cost of living increases. Fringe benefit expenditures increase 6.3% over the FY 2018 budget to reflect anticipated expenses.

Operating expenses decrease 24.0% under the FY 2018 budget due to distributing office automation charges to other divisions.

Recoveries increase 29.2% over the FY 2018 budget due to aligning recoveries to historical actual spending rates.

	FY2017 ACTUAL	FY2018 BUDGET	FY2018 ESTIMATED	FY2019 APPROVED	CHANGE FY18-FY19
<b>EXPENDITURE SUMMARY</b>					
Compensation	\$ 1,009,892	\$ 1,232,700	\$ 1,100,100	\$ 1,325,000	7.5%
Fringe Benefits	911,784	874,600	880,100	930,000	6.3%
Operating Expenses	122,909	118,200	173,700	89,800	-24%
Capital Outlay	0	0	0	0	0%
<b>Sub-Total</b>	<b>\$ 2,044,585</b>	<b>\$ 2,225,500</b>	<b>\$ 2,153,900</b>	<b>\$ 2,344,800</b>	<b>5.4%</b>
Recoveries	(1,910,586)	(1,633,000)	(1,938,500)	(2,110,300)	29.2%
<b>TOTAL</b>	<b>\$ 133,999</b>	<b>\$ 592,500</b>	<b>\$ 215,400</b>	<b>\$ 234,500</b>	<b>-60.4%</b>
<b>STAFF</b>					
Full Time - Civilian	-	15	-	15	0%
Full Time - Sworn	-	0	-	0	0%
Part Time	-	0	-	0	0%
Limited Term	-	0	-	0	0%

**STRATEGIC SERVICES - 14**

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.

Division Summary:

In FY 2019, compensation expenditures increase 7.0% over the FY 2018 budget due to merit and cost of living increases. Fringe benefit expenditures increase 6.3% over the FY 2018 budget to reflect anticipated expenses.

Operating expenses decrease 7.4% under the FY 2018 budget due to reductions in gas and oil and office automation charges in this division.

Recoveries decrease 0.2% under the FY 2018 budget due to aligning recoveries to historical rates.

	FY2017 ACTUAL	FY2018 BUDGET	FY2018 ESTIMATED	FY2019 APPROVED	CHANGE FY18-FY19
<b>EXPENDITURE SUMMARY</b>					
Compensation	\$ 1,758,537	\$ 1,689,600	\$ 1,782,600	\$ 1,807,800	7%
Fringe Benefits	485,954	500,600	499,100	532,300	6.3%
Operating Expenses	296,795	283,600	217,900	262,700	-7.4%
Capital Outlay	0	0	0	0	0%
<b>Sub-Total</b>	<b>\$ 2,541,286</b>	<b>\$ 2,473,800</b>	<b>\$ 2,499,600</b>	<b>\$ 2,602,800</b>	<b>5.2%</b>
Recoveries	(2,360,206)	(2,347,600)	(2,249,600)	(2,342,500)	-0.2%
<b>TOTAL</b>	<b>\$ 181,080</b>	<b>\$ 126,200</b>	<b>\$ 250,000</b>	<b>\$ 260,300</b>	<b>106.3%</b>
<b>STAFF</b>					
Full Time - Civilian	-	23	-	23	0%
Full Time - Sworn	-	0	-	0	0%
Part Time	-	0	-	0	0%
Limited Term	-	0	-	0	0%

**ANIMAL SERVICES - 16**

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.

## Division Summary:

In FY 2019, compensation expenditures increase 4.4% over the FY 2018 budget due to merit and cost of living increases and the reallocation of one part-time Radio Dispatcher to a full-time position. Fringe benefit expenditures increase 6.3% over the FY 2018 budget to reflect anticipated expenses.

Operating expenses increase 22.5% over the FY 2018 budget due to increases in office automation charges in this division, transcription services needed for Animal Control Commission hearings and a new Chameleon interface with the 311 system.

Recoveries decrease 0.2% under the FY 2018 budget due to aligning recoveries to historical rates.

	FY2017 ACTUAL	FY2018 BUDGET	FY2018 ESTIMATED	FY2019 APPROVED	CHANGE FY18-FY19
<b>EXPENDITURE SUMMARY</b>					
Compensation	\$ 2,932,155	\$ 3,266,100	\$ 3,006,200	\$ 3,409,500	4.4%
Fringe Benefits	820,866	741,300	751,600	788,300	6.3%
Operating Expenses	635,194	802,800	761,200	983,300	22.5%
Capital Outlay	0	0	0	0	0%
<b>Sub-Total</b>	<b>\$ 4,388,215</b>	<b>\$ 4,810,200</b>	<b>\$ 4,519,000</b>	<b>\$ 5,181,100</b>	<b>7.7%</b>
Recoveries	(1,285,388)	(1,360,400)	(1,203,500)	(1,357,700)	-0.2%
<b>TOTAL</b>	<b>\$ 3,102,827</b>	<b>\$ 3,449,800</b>	<b>\$ 3,315,500</b>	<b>\$ 3,823,400</b>	<b>10.8%</b>
<b>STAFF</b>					
Full Time - Civilian	-	75	-	76	1.3%
Full Time - Sworn	-	0	-	0	0%
Part Time	-	1	-	0	-100%
Limited Term	-	0	-	0	0%

**WASTE MANAGEMENT - EF45**

The Resource Recovery Division provides waste management services to County citizens, residents and businesses for collection, processing and re-use of commercial and household waste in order to protect the environment.

## Division Summary:

In FY 2019, compensation expenditures decrease 2.7% under the FY 2018 budget due to abolishing positions in the Abandoned Vehicles Unit. The unit's towing function is being transferred to the Revenue Authority in FY 2019. Fringe benefit expenditures decrease 2.7% under the FY 2018 budget to align with compensation adjustments.

Operating expenses increase 5.2% over the FY 2018 budget due to an increase in general and administrative contracts, primarily related to leachate hauling from landfills and operation of the Materials Recycling Facility.

Capital outlay expenditures decrease 96.7% under the FY 2018 budget primarily due to removing one-time capital purchases from the budget. Funding is included for the purchase of a hydraulic hose maker.

Recoveries decrease 13.7% under the FY 2018 budget due to reflecting actual expenses related to post-closure of the Sandy Hill landfill.

	FY2017 ACTUAL	FY2018 BUDGET	FY2018 ESTIMATED	FY2019 APPROVED	CHANGE FY18-FY19
<b>EXPENDITURE SUMMARY</b>					
Compensation	\$ 7,380,503	\$ 7,671,000	\$ 7,509,900	\$ 7,462,000	-2.7%
Fringe Benefits	6,958,401	4,863,500	4,761,300	4,731,000	-2.7%
Operating Expenses	100,591,191	87,198,100	87,085,100	91,715,300	5.2%
Capital Outlay	0	299,700	299,700	10,000	-96.7%
<b>Sub-Total</b>	<b>\$ 114,930,095</b>	<b>\$ 100,032,300</b>	<b>\$ 99,656,000</b>	<b>\$ 103,918,300</b>	<b>3.9%</b>
Recoveries	0	(1,505,800)	(1,300,000)	(1,300,000)	-13.7%
<b>TOTAL</b>	<b>\$ 114,930,095</b>	<b>\$ 98,526,500</b>	<b>\$ 98,356,000</b>	<b>\$ 102,618,300</b>	<b>4.2%</b>
<b>STAFF</b>					
Full Time - Civilian	-	151	-	148	-2%
Full Time - Sworn	-	0	-	0	0%
Part Time	-	0	-	0	0%
Limited Term Grant	-	0	-	0	0%

SOLID WASTE MANAGEMENT FUND	FY 2017 ACTUAL	FY 2018 BUDGET	FY 2018 ESTIMATED	FY 2019 APPROVED	CHANGE FY18-FY19
<b>Revenues</b>					
<b>Sales and Use</b>	\$ 8,330,026	\$ 6,388,000	\$ 8,398,000	\$ 8,513,200	33.3%
Sale of Electricity	235,840	260,500	200,000	200,000	-23.2%
Sale of Recyclables	7,694,714	5,738,600	7,798,000	7,913,200	37.9%
Abandoned Vehicles	399,472	388,900	400,000	400,000	2.9%
<b>Charges for Services</b>	<b>88,259,835</b>	<b>89,898,400</b>	<b>88,809,000</b>	<b>89,369,700</b>	<b>-0.6%</b>
<b>Refuse Collection Charges</b>	<b>39,400,821</b>	<b>39,745,100</b>	<b>39,400,100</b>	<b>39,400,100</b>	<b>-0.9%</b>
System Benefit Tax Collections	20,412,206	20,712,300	20,724,500	21,000,000	1.4%
Recycling Fee Tax Collections	10,736,242	10,882,700	10,957,000	11,100,000	2.0%
Bulky Trash Tax Collections	3,596,048	3,510,600	3,494,000	3,494,000	-0.5%
<b>Total Residential Fees</b>	<b>34,744,495</b>	<b>35,105,600</b>	<b>35,175,500</b>	<b>35,594,000</b>	<b>1.4%</b>
Landfill Tipping Fees	10,021,307	10,672,100	10,105,700	10,206,700	-4.4%
Landfill Surcharge	4,093,210	4,375,600	4,127,700	4,168,900	-4.7%
<b>Total Tipping Fees</b>	<b>14,114,518</b>	<b>15,047,700</b>	<b>14,233,400</b>	<b>14,375,600</b>	<b>-4.5%</b>
<b>Other Revenues</b>	<b>1,858,396</b>	<b>2,240,100</b>	<b>2,404,600</b>	<b>2,606,000</b>	<b>16.3%</b>
Clean Lot	457,361	750,500	500,000	500,000	-33.4%
Misc. Collections	64,544	539,500	360,000	360,000	-33.3%
Interest Income	1,336,491	950,100	1,544,600	1,746,000	83.8%
<b>Fund Balance Appropriation</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,129,400</b>	<b>0.0%</b>
<b>Total Revenues</b>	<b>\$ 98,448,257</b>	<b>\$ 98,526,500</b>	<b>\$ 99,611,600</b>	<b>\$ 102,618,300</b>	<b>4.2%</b>
<b>Expenditures</b>					
<b>Compensation</b>	<b>\$ 7,380,503</b>	<b>\$ 7,671,000</b>	<b>\$ 7,509,900</b>	<b>\$ 7,462,000</b>	<b>-2.7%</b>
<b>Fringe</b>	<b>6,958,401</b>	<b>4,863,500</b>	<b>4,761,300</b>	<b>4,731,000</b>	<b>-2.7%</b>
Fringe benefits	4,175,041	2,314,200	2,265,600	2,251,200	-2.7%
Retirees Benefits (OPEB)	2,783,360	2,549,300	2,495,700	2,479,800	-2.7%
<b>Operating Expenses</b>	<b>100,591,191</b>	<b>87,198,100</b>	<b>87,085,100</b>	<b>91,715,300</b>	<b>5.2%</b>
Operating	85,510,608	78,954,800	79,210,100	83,381,400	5.6%
Debt Service - Interest Expense	1,279,030	1,409,600	1,575,000	1,702,200	20.8%
Debt Service - Principal <sup>1</sup>	-	2,100,000	2,100,000	2,431,700	15.8%
CIP Contribution	-	533,700	-	-	-100.0%
Contribution to Post Closure (Reserve)	13,801,553	4,200,000	4,200,000	4,200,000	0.0%
<b>Capital Outlay</b>	<b>-</b>	<b>299,700</b>	<b>299,700</b>	<b>10,000</b>	<b>-96.7%</b>
<b>Recoveries</b>	<b>-</b>	<b>(1,505,800)</b>	<b>(1,300,000)</b>	<b>(1,300,000)</b>	<b>-13.7%</b>
<b>Total Expenses</b>	<b>\$ 114,930,095</b>	<b>\$ 98,526,500</b>	<b>\$ 98,356,000</b>	<b>\$ 102,618,300</b>	<b>4.2%</b>
<b>Net (Loss) / Gain (GAAP)</b>	<b>\$ (16,481,838)</b>	<b>\$ 2,100,000</b>	<b>\$ 3,355,600</b>	<b>\$ 2,431,700</b>	<b>15.8%</b>
<b>Unrestricted Net Assets - Beginning of Year</b>	<b>\$ (3,605,902)</b>	<b>\$ 5,234,798</b>	<b>\$ (15,149,549)</b>	<b>\$ (11,793,949)</b>	
<b>Unrestricted Net Assets - End of Year</b>	<b>\$ (15,149,549)</b>	<b>\$ 7,334,798</b>	<b>\$ (11,793,949)</b>	<b>\$ (11,491,649)</b>	

<sup>1</sup> Bond principal payments are not included in the GAAP income statement. The principal payment is a reduction of a liability, such as Bond Payable, which is reported on the balance sheet. Only the interest portion of a bond payment is reported as an Interest Expense on the income statement.

**SUSTAINABILITY SERVICES - EF49**

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

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 Municipal Separate Storm Sewer System (MS4) and Watershed Implementation Plan (WIP) requirements facing the County. The division provides research, outreach and tracking of sustainability efforts for the agency.

Division Summary:

In FY 2019, compensation expenditures increase 6.6% over the FY 2018 budget due to cost of living and merit adjustments. Fringe benefit expenditures increase 6.6% over the FY 2018 budget to reflect anticipated costs. These increases are partially offset by the transfer of two plan review positions to the Department of Permitting, Inspections and Enforcement (DPIE).

Operating expenses decrease 0.5% under the FY 2018 budget due to a reduction in project charges by other agencies that recover from the Stormwater Fund and a reduction in funding for general and administrative contracts related to NPDES/MS4 compliance.

Recoveries decrease 16.9% under the FY 2018 budget due to a decrease in recoverable expenditures from CIP projects.

	FY2017 ACTUAL	FY2018 BUDGET	FY2018 ESTIMATED	FY2019 APPROVED	CHANGE FY18-FY19
<b>EXPENDITURE SUMMARY</b>					
Compensation	\$ 5,091,304	\$ 5,184,000	\$ 5,122,400	\$ 5,525,100	6.6%
Fringe Benefits	4,689,438	3,950,200	3,903,300	4,210,200	6.6%
Operating Expenses	27,612,793	48,864,200	43,565,700	48,633,100	-0.5%
Capital Outlay	0	0	0	0	0%
<b>Sub-Total</b>	<b>\$ 37,393,535</b>	<b>\$ 57,998,400</b>	<b>\$ 52,591,400</b>	<b>\$ 58,368,400</b>	<b>0.6%</b>
Recoveries	0	(1,729,200)	(1,729,200)	(1,436,700)	-16.9%
<b>TOTAL</b>	<b>\$ 37,393,535</b>	<b>\$ 56,269,200</b>	<b>\$ 50,862,200</b>	<b>\$ 56,931,700</b>	<b>1.2%</b>
<b>STAFF</b>					
Full Time - Civilian	-	63	-	61	-3.2%
Full Time - Sworn	-	0	-	0	0%
Part Time	-	0	-	0	0%
Limited Term Grant	-	0	-	0	0%

STORM WATER MANAGEMENT FUND	FY 2017 ACTUAL	FY 2018 BUDGET	FY 2018 ESTIMATED	FY 2019 APPROVED	CHANGE FY18-FY19
<b>Revenues</b>					
<b>Taxes, Sales and Services</b>					
Property Taxes	\$ 42,775,442	\$ 43,369,100	\$ 45,641,400	\$ 47,649,600	9.9%
Grading Permits	2,077,575	704,600	1,900,000	1,100,000	56.1%
Permits	2,681,397	640,800	1,462,900	1,462,900	128.3%
Tree Preservation	82,095	83,500	70,000	70,000	-16.2%
Soil Conservation	249,576	236,300	236,300	236,300	0.0%
Pond Fees	1,314,280	393,600	393,600	393,600	0.0%
Water & Sewer Fees	119,992	87,500	87,500	87,500	0.0%
Sale of Plans	167	5,000	5,000	5,000	0.0%
GIS Floodplan Service	30,326	21,100	21,100	21,100	0.0%
Stormwater Fee-in-Lieu	1,088,325	943,400	943,400	943,400	0.0%
<b>Other Revenues</b>					
Cell Towers	228,426	105,800	231,400	245,500	132.0%
Interest Income	952,164	552,400	826,300	717,900	30.0%
Reforestation Fee/Lieu	9,456	1,300	1,300	1,300	0.0%
Civil Citations	-	300	300	300	0.0%
Federal/State Grant Revenue	278,929	775,000	775,000	100,000	-87.1%
Miscellaneous	4,651	2,500	2,500	2,500	0.0%
<b>Fund Balance Appropriation</b>	-	23,191,200	-	19,443,100	-16.2%
<b>Total Revenues</b>	<b>\$ 51,892,801</b>	<b>\$ 71,113,400</b>	<b>\$ 52,598,000</b>	<b>\$ 72,480,000</b>	<b>1.9%</b>
<b>Expenditures-DOE</b>					
<b>Compensation</b>	<b>5,091,304</b>	<b>5,184,000</b>	<b>5,122,400</b>	<b>5,525,100</b>	<b>6.6%</b>
<b>Fringe Benefits - Total</b>	<b>4,689,438</b>	<b>3,950,200</b>	<b>3,903,300</b>	<b>4,210,200</b>	<b>6.6%</b>
Fringe Benefits	3,105,000	1,394,600	1,378,000	1,486,400	6.6%
Retirees Benefits (OPEB)	1,584,438	2,555,600	2,525,300	2,723,800	6.6%
<b>Operating Expenses- Total</b>	<b>27,612,793</b>	<b>48,864,200</b>	<b>43,565,700</b>	<b>48,633,100</b>	<b>-0.5%</b>
Operating Expenses	22,803,857	35,132,100	29,826,100	33,168,000	-5.6%
Debt Service-Interest Expense	4,808,936	5,762,100	5,769,600	6,315,700	9.6%
Debt Service-Principal	-	7,970,000	7,970,000	9,149,400	14.8%
<b>Capital Outlay</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0%</b>
CIP Contribution	-	-	-	-	-
<b>Recoveries</b>	<b>-</b>	<b>(1,729,200)</b>	<b>(1,729,200)</b>	<b>(1,436,700)</b>	<b>-16.9%</b>
<b>Expenditures-DPW&amp;T</b>					
<b>Compensation</b>	<b>5,876,900</b>	<b>7,359,100</b>	<b>5,972,800</b>	<b>7,372,600</b>	<b>0.2%</b>
<b>Fringe Benefits - Total</b>	<b>5,183,343</b>	<b>3,826,700</b>	<b>3,623,000</b>	<b>4,305,600</b>	<b>12.5%</b>
Fringe Benefits	3,141,178	2,408,300	2,280,100	2,709,700	12.5%
Retirees Benefits (OPEB)	2,042,165	1,418,400	1,342,900	1,595,900	12.5%
<b>Operating Expenses</b>	<b>3,143,926</b>	<b>3,658,400</b>	<b>4,030,200</b>	<b>3,870,100</b>	<b>5.8%</b>
<b>Capital Outlay</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0%</b>
<b>Recoveries</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0%</b>
<b>Total Expenditures</b>	<b>\$ 51,597,704</b>	<b>\$ 71,113,400</b>	<b>\$ 64,488,200</b>	<b>\$ 72,480,000</b>	<b>1.9%</b>
<b>Net (Loss)/Gain (GAAP)</b>	<b>\$ 295,097</b>	<b>\$ 7,970,000</b>	<b>\$ (3,920,200)</b>	<b>\$ 9,149,400</b>	<b>14.8%</b>
<b>Unrestricted Net Assets - Beginning of Year</b>	<b>\$ 3,948,590</b>	<b>\$ (6,844,210)</b>	<b>\$ (51,781,525)</b>	<b>\$ (55,701,725)</b>	
<b>Unrestricted Net Assets - End of Year</b>	<b>\$ (51,781,525)</b>	<b>\$ (22,065,410)</b>	<b>\$ (55,701,725)</b>	<b>\$ (65,995,425)</b>	

1 Bond principal payments are not included in the GAAP income statement. The principal payment is a reduction of a liability, such as Bond Payable, which is reported on the balance sheet. Only the interest portion of a bond payment is reported as an Interest Expense on the income statement.

**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 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.

## Division Summary:

In FY 2019, compensation expenditures increase 11.7% over the FY 2018 budget due to anticipated costs and merit and cost of living increases. Fringe benefit expenditures increase 11.7% over the FY 2018 budget to reflect anticipated costs.

Operating expenses increase 213.4% over the FY 2018 budget due to implementing Phase II the Clean Water Partnership.

	FY2017 ACTUAL	FY2018 BUDGET	FY2018 ESTIMATED	FY2019 APPROVED	CHANGE FY18-FY19
<b>EXPENDITURE SUMMARY</b>					
Compensation	\$ 0	\$ 850,600	\$ 850,600	\$ 950,000	11.7%
Fringe Benefits	0	205,800	205,800	229,900	11.7%
Operating Expenses	2,248,552	13,715,900	4,642,000	42,979,000	213.4%
Capital Outlay	0	0	0	0	0%
<b>Sub-Total</b>	<b>\$ 2,248,552</b>	<b>\$ 14,772,300</b>	<b>\$ 5,698,400</b>	<b>\$ 44,158,900</b>	<b>198.9%</b>
Recoveries	0	0	0	0	0%
<b>TOTAL</b>	<b>\$ 2,248,552</b>	<b>\$ 14,772,300</b>	<b>\$ 5,698,400</b>	<b>\$ 44,158,900</b>	<b>198.9%</b>
<b>STAFF</b>					
Full Time - Civilian	-	10	-	10	0%
Full Time - Sworn	-	0	-	0	0%
Part Time	-	0	-	0	0%
Limited Term Grant	-	0	-	0	0%



Local Watershed Protection and Restoration (Water Quality) Fund	FY 2017 ACTUAL	FY 2018 BUDGET	FY 2018 ESTIMATED	FY 2019 APPROVED	CHANGE FY18-FY19
<b>Revenues</b>					
<b>Fees</b>	\$ 14,512,911	\$ 14,772,300	\$ 14,789,900	\$ 14,772,300	0.0%
Flat Fee	20.58	20.58	20.58	20.58	0.0%
Tax Accounts	263,292	271,623	268,319	271,623	0.0%
<b>Total Flat Fee</b>	<b>\$ 5,418,554</b>	<b>\$ 5,590,000</b>	<b>\$ 5,522,000</b>	<b>\$ 5,590,000</b>	<b>0.0%</b>
Graduated Fee (Impact)	20.90	20.90	20.90	20.90	0.0%
Equivalent Stormwater Unit (1ESU/imperious acre)	435,137	439,345	443,440	439,345	0.0%
<b>Total Equivalent Stormwater Unit</b>	<b>\$ 9,094,357</b>	<b>\$ 9,182,300</b>	<b>\$ 9,267,900</b>	<b>\$ 9,182,300</b>	<b>0.0%</b>
Other	487,661	-	209,000	-	0.0%
<b>Fund Balance Appropriation</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29,386,600</b>	<b>0.0%</b>
<b>Total Revenues</b>	<b>\$ 15,000,572</b>	<b>\$ 14,772,300</b>	<b>\$ 14,998,900</b>	<b>\$ 44,158,900</b>	<b>198.9%</b>
<b>Expenditures</b>					
Compensation	\$ -	\$ 850,600	\$ 850,600	\$ 950,000	11.7%
Fringe Benefits	-	205,800	205,800	229,900	11.7%
<b>Operating Expenses - Total</b>	<b>2,248,552</b>	<b>13,715,900</b>	<b>4,642,000</b>	<b>42,979,000</b>	<b>213.4%</b>
Operating Expenses	2,248,552	4,616,400	4,533,400	38,036,400	723.9%
Interfund Transfer CIP	-	6,134,500	-	-	-100.0%
Debt Service - Interest Expense	-	326,200	108,600	1,855,700	468.9%
Debt Service - Principal	-	2,638,800	-	3,086,900	17.0%
Recoveries	-	-	-	-	0.0%
<b>Total Expenditures</b>	<b>\$ 2,248,552</b>	<b>\$ 14,772,300</b>	<b>\$ 5,698,400</b>	<b>\$ 44,158,900</b>	<b>198.9%</b>
<b>Net (Loss) / Gain (GAAP)</b>	<b>\$ 12,752,020</b>	<b>\$ -</b>	<b>\$ 9,300,500</b>	<b>\$ -</b>	
<b>Net Assets - Beginning of Year</b>	<b>\$ 41,254,772</b>	<b>\$ 47,271,572</b>	<b>\$ 54,006,792</b>	<b>\$ 63,307,292</b>	
<b>Net Assets - End of Year</b>	<b>\$ 54,006,792</b>	<b>\$ 47,271,572</b>	<b>\$ 63,307,292</b>	<b>\$ 33,920,692</b>	

	FY 2017 ACTUAL	FY 2018 BUDGET	FY 2018 ESTIMATED	FY 2019 APPROVED	CHANGE FY18 - FY19
<b>EXPENDITURE SUMMARY</b>					
Compensation	\$ -	\$ -	\$ -	\$ -	0.0%
Fringe Benefits	-	-	-	-	0.0%
Operating Expenses	1,593,760	565,100	2,601,000	-	-100.0%
Capital Outlay	-	-	-	-	0.0%
<b>TOTAL</b>	<b>\$ 1,593,760</b>	<b>\$ 565,100</b>	<b>\$ 2,601,000</b>	<b>\$ -</b>	<b>-100.0%</b>

The FY 2019 approved grant budget is \$0, a decrease of 100.0% under the FY 2018 approved budget. This decrease is largely driven by the elimination of the CBT Watershed Assistance Grant - Urban Retrofit, and the MD DNR Trust Fund Grant - Basil Court Pond Retrofits, moving several grant appropriations to the Capital Budget. State and federal funding opportunities are primarily awarded to the Department outside the application process as they become available during the year. FY 2018 estimated spending in the chart above includes spending from multi-year capital grants, which are now appropriated in the Capital Budget.

DOE does not have grant-funded employees.

GRANTS BY DIVISION	FY 2017 ACTUAL	FY 2018 BUDGET	FY 2018 ESTIMATED	FY 2019 APPROVED	\$ CHANGE FY18 - FY19	% CHANGE FY18 - FY19
<b><u>Animal Services</u></b>						
Spay-A-Day Keeps the Litter Away	\$ -	\$ 40,000	\$ -	\$ -	\$ (40,000)	-100.0%
<b>Sub-Total</b>	<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (40,000)</b>	<b>-100.0%</b>
<b><u>Stormwater Management</u></b>						
Chesapeake Bay Regulatory and Accountability Program (CBRAP) Best Management Practice (BMP) Implementation for Municipalities	-	-	50,000	-	-	0.0%
FY 2016 MD Smart Energy Community Grant Program	-	-	84,500	-	-	0.0%
FY 14 MD DNR Stormwater Management Facilities Retrofit Projects at Multiple Locations (TFC 15)	542,751	-	1,807,100	-	-	0.0%
FY 14 MD DNR Natural Filters on the Public Lands Grant Program	859,794	-	-	-	-	0.0%
FY 2018 CBT Watershed Assistance Grant - Urban Retrofit	-	300,000	-	-	(300,000)	-100.0%
FY 2018 MD DNR Trust Fund Grant - Basil Court Pond Retrofits	-	144,800	-	-	(144,800)	-100.0%
<b>Sub-Total</b>	<b>\$ 1,402,545</b>	<b>\$ 444,800</b>	<b>\$ 1,941,600</b>	<b>\$ -</b>	<b>\$ (444,800)</b>	<b>-100.0%</b>
<b><u>Resource Recovery</u></b>						
Electronic Recycling	\$ 10,299	\$ 12,000	\$ -	\$ -	\$ (12,000)	-100.0%
Food Scrap Composting	-	20,000	20,000	-	(20,000)	-100.0%
<b>Sub-Total</b>	<b>\$ 10,299</b>	<b>\$ 32,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ (32,000)</b>	<b>-100.0%</b>
<b>DOE Total Grants - Outside Sources</b>	<b>\$ 1,412,844</b>	<b>\$ 516,800</b>	<b>\$ 1,961,600</b>	<b>\$ -</b>	<b>\$ (516,800)</b>	<b>-100.0%</b>
<b>Total Transfer from Enterprise Fund - (County Contribution/Cash Match)</b>	<b>\$ 180,916</b>	<b>\$ 48,300</b>	<b>\$ 639,400</b>	<b>\$ -</b>	<b>\$ (48,300)</b>	<b>-100.0%</b>
<b>Total Grant Expenditures</b>	<b>\$ 1,593,760</b>	<b>\$ 565,100</b>	<b>\$ 2,601,000</b>	<b>\$ -</b>	<b>\$ (565,100)</b>	<b>-100.0%</b>