

**Subject:** FY20 Operating Budget: Department of Environmental Protection (DEP) Water Quality Protection Fund

**Analyst:** Keith Levchenko, Senior Legislative Analyst | **Committee:** T&E

**Keywords:** #DEPBudget, Water Quality Protection Fund, Stormwater

**DEP Water Quality Protection Fund Budget Summary**

Total		
FY20 CE REC:	\$25,858,886	93.17 FTE
Increase/Decrease from FY19	+\$913,422 (+3.3%)*	+1.7

\*If the Recommended Conservation Corps Contract shift from HHS is excluded from the above numbers, the FY20 Budget increase is \$626,333 (+2.2%).

**COMMITTEE-RECOMMENDED CHANGES:**

None

**KEY CE CHANGES FROM FY19**

- Conservation Corps contract is recommended to shift from HHS to DEP (+\$287,089)
- Technical adjustments: FY20 Compensation adjustment (+\$207,615); annualization of FY19 Personnel Costs (+\$88,614)
- Increase to M-NCPPC WQPF allocation (+\$89,364 or 2.4 percent)
- Add Accountant II position (+\$74,269, 1.0 FTE) and P/T Planning Tech (+29,784 and 0.5 FTE)
- 0.20 FTE increase for a Public Services Intern position (+\$6,948)

**OTHER ISSUES**

- Equivalent Residential Unit (ERU) rate for the Water Quality Protection Charge (WQPC) recommended to remain unchanged at \$104.25 (same as in FY18 and FY19). Council Action scheduled for May 15, 2019.

**This report contains:**

Staff Report to the Committee	Pages 1-12
County Executive FY20 Recommended Budget for DEP	©1-9
DEP General Fund and Water Quality Fund List of Vacant Positions – April 2019	©10
DEP General Fund FY20 Operating Expenses Breakout	©11
Compliance Case Workload FY13-17	©12
Water Quality Protection Fund Summary Charts – Major Changes FY19-20	©13-14
Chart: Monthly Revenue from the Bag Tax	©15-17

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MEMORANDUM

April 25, 2019

TO: Transportation & Environment Committee

FROM: *KL* Keith Levchenko, Senior Legislative Analyst

SUBJECT: **FY20 Operating Budget: Department of Environmental Protection (DEP)**<sup>1</sup>

PURPOSE: To review and make recommendations on the DEP General Fund and Water Quality Protection Fund budgets

**County Executive Recommended DEP Budget Summary**

- **General Fund**
  - \$3.13 million (an increase of \$366,357 or 13.3 percent)
  - Conservation Corps contract to shift from HHS to DEP with \$287,087 in the General Fund
  - The rest of the DEP General Fund budget is increasing only \$79,270 (+2.9 percent) mostly related to compensation, benefits, and other technical adjustments
  - 0.20 FTE increase for a Public Services Intern position (+\$6,948)
  - Lapse of Project Manager II, Data and Analysis position assumed through November 2019.
- **Water Quality Protection Fund (WQPF)**
  - \$28.86 million (an increase of \$913,422 or 3.3 percent)
  - Conservation Corps contract is recommended to shift from HHS to DEP (+\$287,089)
  - The rest of the WQPF budget is increasing \$626,333 (+2.2 percent)
  - Technical adjustments: FY20 Compensation adjustment (+\$207,615); annualization of FY19 Personnel Costs (+\$88,614)
  - Increase to M-NCPPC WQPF allocation (+\$89,364 or 2.4 percent)
  - Add Accountant II position (+\$74,269, 1.0 FTE) and P/T Planning Tech (+29,784 and 0.5 FTE)
  - .20 FTE increase for a Public Services Intern position (+\$6,948)
  - Equivalent Residential Unit (ERU) rate for the Water Quality Protection Charge (WQPC) to remain unchanged at \$104.25 (same as in FY18 and FY19).

**Council Staff Recommendations**

- **General Fund:** Add \$21,000 to the Reconciliation List to fill the Program Manager II (Research and Data Analysis) position earlier in FY20 to help support for the County's climate change initiatives.  
*NOTE: Executive Branch staff have noted that approximately \$400,000 in FY19 funds has been identified as available for additional climate change planning work*
- Approve the WQPC ERU rate as recommended (no change from the FY19 approved rate).

<sup>1</sup> #DEPBudget and Water Quality Protection Fund and Stormwater.

Participants Include:

- Adam Ortiz, Director, Department of Environmental Protection (DEP)
- Patty Bubar, Deputy Director, DEP
- Michelle Hwang, Senior Financial Specialist, DEP
- Stan Edwards, Chief, Environmental Policy and Compliance, DEP
- Steve Shofar, Chief, Watershed Operations, DEP
- Trevor Lobaugh, Fiscal and Policy Analyst, Office of Management and Budget

Attachments to this Memorandum:

- County Executive's Recommended FY20 Operating Budget – DEP Section (©1-9)
- DEP General Fund and Water Quality Fund List of Vacant Positions - April 2019 (©10)
- DEP General Fund FY20 Operating Expenses Breakout (©11)
- Compliance Case Workload FY13-17 (©12)
- Water Quality Protection Fund Summary Charts – Major Changes FY19-20 (©13-14)
- Chart: Monthly Revenue from the Bag Tax (©15-17)

For this budget review, an overview of DEP (including the General Fund and Water Quality Protection Fund (WQPF)) is presented first. More detailed discussion is presented by fund (General Fund, followed by the WQPF) later in this memorandum. The Division of Solid Waste Services is reviewed separately (see T&E Committee Item #3).

**Department Overview**

**Table #1  
DEP Expenditures and Positions/FTEs (General Fund and WQPF)**

	Actual	Approved	CE Rec	Change FY20-FY19	
	FY18	FY19	FY20	\$\$\$	%
Personnel Costs	10,448,675	11,561,362	12,064,916	503,554	4.4%
Operating Expenses	16,788,044	19,147,003	19,923,228	776,225	4.1%
Capital Outlay	21,134	-	-	-	n/a
<b>Total</b>	<b>27,257,853</b>	<b>30,708,365</b>	<b>31,988,144</b>	<b>1,279,779</b>	<b>4.2%</b>
<b>Positions/FTEs</b>					
Full-Time Positions	99	91	92	1	1.1%
Part-Time Positions	0	0	1	1	n/a
FTEs	107.97	107.97	109.87	1.90	1.8%

For FY20, the Executive recommends total expenditures of \$31.99 million for the Department of Environmental Protection, a 4.2 percent increase from the FY19 Approved budget. These numbers include expenditures in the General Fund and the WQPF. No grant-funded expenditures are assumed in FY19 or FY20 at this time. Also, as noted earlier, the Solid Waste Services budget is to be reviewed separately by the Committee and is not included in the above numbers.

Overall, the WQPF is 90.2 percent of the total DEP budget (not counting Solid Waste Services) for FY20. This ratio is similar to the FY19 approved budget. However, for comparison, the WQPF was less than half the DEP budget in FY06, prior to the major expansion in program expenditures to address the requirements of the County's current National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit.

Not included in Table #1 are charges to the CIP. In addition to CIP current revenue, beginning in FY11, the WQPF began debt-financing some projects. As the debt financing has ramped up, the debt service requirement has as well. Per the Recommended Fiscal Plan (see ©9, "Transfers to Debt Service Fund" line),

debt service in FY20 is estimated at about \$6.4 million (up about \$313,000 from the FY19 amount). That number rises to \$9.6 million by FY25.

DEP also charges 4.22 FTEs and \$628,336 in FY19 to the Solid Waste Collection and Disposal Funds for environmental monitoring activities of the Gude and Oaks closed landfills, as well as portions of staff time in the Director's office related to administrative functions for the Division of Solid Waste Services. Similar charges are assumed for FY20 (4.22 FTEs and \$646,946).

The FY20 Recommended Budget does not assume any organizational changes at this time. However, DEP has indicated that it is "reviewing the organizational structure and is considering changes to allow for improved communications and organizational efficiency. DEP management will keep the committee informed on any changes in the structure."

### Position Changes and Lapse

DEP's recommended budgeted lapse rate for FY20 is about 2.1 percent (3.8 percent in the General Fund and 1.8 percent in the WQPF). These rates do not include one position assumed to be held vacant during part of FY20 for budget savings. The General Fund rate is a reasonable percentage for a small department. The WQPF lapse rate is low, especially given the turnover the department has had in recent years. However, any excess lapse savings in the WQPF would not be available for General Fund relief, but rather would revert to WQPF fund balance where it can help offset rate requirements in future years.

Overall, as of April 22, DEP (not including Solid Waste) has 22 vacant positions (see list on ©10), which is high given that the General Fund and WQPF combined have 91 approved full-time positions. DEP expects to fill six of the vacant positions before the end of FY19 and nine more by November. The other seven positions are expected to be filled some time during FY20 (subject to DEP's review of its organizational structure noted above).

## General Fund Budget

### Overview

**Table #2  
DEP Expenditures and Positions/FTEs**

General Fund	Actual	Approved	CE Rec	Change FY20-FY19	
	FY18	FY19	FY20	\$\$\$	%
Personnel Costs	1,824,960	2,020,984	2,099,254	78,270	3.9%
Operating Expenses	275,795	741,917	1,030,004	288,087	38.8%
Capital Outlay		-	-	-	-
<b>Total</b>	<b>2,100,755</b>	<b>2,762,901</b>	<b>3,129,258</b>	<b>366,357</b>	<b>13.3%</b>
Full-Time Positions	46	46	46	-	0.0%
Part-Time Positions	0	0	0	-	n/a
FTEs	16.50	16.50	16.70	0.20	1.2%

As shown in Table #2, for FY20, General Fund expenditures in the DEP budget are recommended to increase by \$366,357 (or 13.3 percent), with no new positions and an increase of 0.2 FTEs assumed.<sup>2</sup>

<sup>2</sup> Note: the FTEs total is much less than the position totals because many of the positions reflected in the General Fund budget have significant portions of their costs and FTEs charged to the WQPF.

## General Fund Summary Crosswalk from FY19 to FY20

A crosswalk of all major expenditure changes is included in the Recommended General Fund budget for DEP (see ©6). The biggest change is the shifting of the Conservation Corps Contract from HHS to DEP, with half the contract cost reflected in the General Fund (\$287,087) and the other half in the WQPF. Without this shift, the DEP General Fund budget is only increasing \$79,270 (or 2.9 percent). Of this remaining increase, most of it is related to technical adjustments, such as the FY20 Compensation adjustment (+\$64,264), restoration of lapse adjustments from FY19 (+\$80,172) with a portion of these increases offset by reduced personnel costs (-\$30,729), and the continued lapsing (through November) of a Program Manager II, Data and Analysis Position (-\$42,749) in the Office of Sustainability.

## General Fund Workforce

General Fund FTEs declined substantially over the past decade as many positions (or portions of staff charges) began charging to the WQPF. As a result, General Fund positions and FTEs have declined from their peak of 48 positions and 37.8 FTEs in FY02 (to 46 full-time positions and 16.5 FTEs in FY19).

Other than the administrative, management, and IT needs of the Department, the major policy areas of staffing for DEP outside Water Quality are:

- **Water and Wastewater Policy Group** (4 positions with 1 current vacancy) – This function includes managing the County’s Water and Sewer Plan (and amendments/category changes requested) and coordinating with various outside agencies, such as WSSC, M-NCPPC, DCWater, and the Metropolitan Washington Council of Governments. These positions are funded primarily out of the General Fund, but with some charges to the Solid Waste Fund as well. In FY16, a fourth position (funded with WQPF dollars) was recommended by the County Executive and approved by the Council. The chief of this section, Dave Lake, retired at the end of 2017 and the position remains vacant as DEP considers possible organizational changes.
- **Code Enforcement** (7 positions with 1 current vacancy) – This section responds to cases involving water quality, indoor and outdoor air quality, illegal dumping, noise, general environmental assessments, and other miscellaneous environmental issues. They also monitor the closed Oaks and Gude landfills and the Beantown dump. A portion of their staff time is charged to the WQPF.
- **Planning and Policy Implementation** (11 positions with 6 vacancies) – This section includes DEP’s Office of Sustainability.

This office focuses on external activities for residents and businesses to promote and improve environmental sustainability, while the similarly-named office in the Department of General Services focuses internally on the County Government’s efforts to green its own operations and to implement energy conservation and renewable energy efforts.

Currently, only five of the 11 positions are filled. The Program Manager II (Data Analysis and Research) position discussed earlier is one of the positions and is being lapsed for part of FY20 for budget savings.

## Pesticides

Two years ago, the Circuit Court invalidated the private property portions of the County’s new Pesticides law. However, DEP’s Office of Sustainability is still pursuing a number of pesticides-related

initiatives and has a dedicated position in the office focused on pesticides issues. DEP provided the following update below:

*The County is still waiting on a decision from the Court of Special Appeals regarding the legal challenge to the Lawn Care Law. DEP is engaged in a number of activities to promote organic lawn care and enforce the County's current pesticide law:*

- *An extensive lawn care website launched February 22, 2018; over 10,600 page views on lawn care websites and blogs in one year, averaging 880 hits per month*
- *Lawn care newsletter Where the Grass is Greener published since March 2018; ten published to date; 1,900 subscribers with average 25% open rate*
- *Blogs on My Green Montgomery about soil health, organic practices, eliminating pesticides*
- *Launched Organic Lawn Recognition Program; 43 organic lawns registered to date.*
- *Developed series of seasonal brochures related to steps to take in the spring, summer, and fall related to organic lawn care*
- *Developed posters and banners with top organic lawn care tips, as well as materials for distribution (mowing height magnet and microclover seed packets), for use at events including GreenFest, Ag Fair, Master Gardeners booth, Isaac Walton, Rockville Lunar New Year, CCOC certification, Pesticides for The Bay meeting, Rainscapes trainings, NOFA training, etc.*
- *Spring 2019 talks on organic lawn care held at 6 locations throughout County*
- *New pesticide safety and alternatives leaflet for retailers designed and printed; spring 2019 distribution/enforcement to 53 retailers (46 currently sell regulated pesticides); Spanish translation currently in design*
- *Provide ongoing advice and answers to residents, HOAs, and individuals on practices to eliminate the use of pesticides*
- *Videos currently in production for series on organic lawn care practices*
- *Exploring feasibility and cost of organic lawn care advertisements on RideOn buses*

### General Fund Operating Expenses

The Recommended General Fund budget includes \$1,030,004 in operating expenses, which is an increase of 38.8 percent (\$288,087) from FY19 (see ©11 for a detailed breakout). Almost all of this increase is related to the shift to DEP of the Conservation Corps Contract (+\$287,087). Motor pool is also up \$1000.

Most of the operating expense categories involve administrative expenses (such as motor pool, printing and mail, office supplies, etc.). The only non-administrative dollars are for the following:

- \$287,087 for Conservation Corps Contract (General Fund portion) (shift from HHS in FY20)
- \$500,000 for Tree Planting related to the Tree Canopy Law (the same amount as FY19)
- \$125,598 for Professional Services – Office of Sustainability (the same amount as FY19)
- \$7,800 for gypsy moth survey (the same amount as FY19).

As noted in prior budget discussions, Council Staff believes DEP's General Fund operation is "bare bones", with broad areas of coverage in topics of major concern today, such as: water and sewer infrastructure, clean energy and energy conservation, and climate change and sustainability. These areas combined are less than 20 percent of the total FTEs in the Department. The status of some of these programs is provided below.

## Conservation Corps

Below is information DEP provided regarding the recommended shift of the Conservation Corps contract to DEP.

*The Conservation Corps program is a youth development and work force development program. There are approximately 20 young adults between the ages of 17 and 24 that go through the program per year. Most of them have dropped out of high school or have been incarcerated. The participants spend 3 days a week on developing living skills and on getting their GED. The other two days per week are spent in the field. Currently the MCCC does work with MNCPPC and other organizations related to green infrastructure and energy conservation among other things. The intention is that they will provide support to DEP with regards to maintenance of green infrastructure (ESD) and possibly work on some energy conservation programs. The program is currently housed in HHS which administers contracts differently than DEP. The County contracts with the Collaboration Council who then contracts with the Latin American Youth Council. The contract with the Collaboration Council was a noncompetitive grant awarded by the Council. The intention for the first year of transition will be to make minimal changes to the existing program. After the initial transition, the intention will be to focus on more DEP support. DEP is also working with the Water Environment Federation on the National Green Infrastructure Certification Program (NGICP). The intention is to make the NGICP certification available to MCCC graduates. There has also been discussion about MCCC have a full-time crew of graduates that could perform green infrastructure maintenance full time. This would be a new program for MCCC. DEP is excited about the opportunity to work with the MCCC and see a lot of potential benefits for both organizations.*

## Tree Montgomery Program

The Tree Montgomery Program is funded completely out of the Tree Canopy Conservation Account that was established under Bill 35-12, adopted by the Council in July 2013. That account collects fees in lieu of tree planting when development requires a sediment control permit under Chapter 19 of the County Code.

The FY16 DEP budget originally included \$250,000 in expenditures (and revenue) for this program. However, that amount was later increased by \$350,000 to ensure the program would have sufficient funding through the end of FY16. For FY17, \$500,000 was approved, which is the amount also budgeted in FY18 and FY19 and recommended for FY20.

DEP estimates that 2,066 trees were planted in FYs15-18. Another 500 trees are estimated to have been planted in FY19. For FY20, DEP estimates another 1,200 trees will be planted. A few years ago, DEP noted the average cost per shade tree as \$549.00 (including: the tree itself plus installation, a 2-year warranty and aftercare package, and deer protection). DEP has noted that these costs are trending down. Also, many residents who get trees through the program agree to provide aftercare services themselves, which reduces the County cost and allows more dollars to go into planting new trees.

*NOTE: Other expenses to support tree planting activities under the Tree Canopy Law (e.g., County Arborist, outreach staff, outreach materials, etc.) are paid for by funding sources other than the Tree Canopy Conservation Account.*

## Climate Change

On April 5, the T&E Committee received a briefing from Assistant Chief Administrative Officer Adriana Hochberg (the new Director of Climate Policy for the County) along with DEP, the Department of General Services (DGS), and the Department of Transportation (DOT).<sup>3</sup>

In addition to hearing how the County has done to date regarding its greenhouse gas reduction efforts, the Committee also heard from Ms. Hochberg that the Executive Branch is considering a major effort moving forward to review and prioritize additional greenhouse gas reduction efforts (as well as climate adaptation/mitigation efforts). This effort is expected to involve expert workgroups across a number of subject areas along with consultant support. At the briefing, the Committee indicated its support for the inclusion of funding in the FY20 Budget to allow this process to move forward in a timely manner.

The FY20 Recommended budget does not include any new dollars for this effort. In fact, the Budget assumes continued lapse savings through November for the Program Manager II Data and Analysis position, which could have a role to play in this effort. After being created and funded by the Council several years ago, the position has never been filled. Despite being funded again in both FY18 and FY19, the position was lapsed for both years to meet savings plans targets.

Council Staff has discussed this workgroup/consultant effort with Executive Branch staff. DEP has noted that work is ongoing in the Executive Branch to review funding across several departments' budgets, that may be available in FY19 and FY20 to conduct this work, and the County's Climate Change Coordinator confirmed that approximately \$400,000 in FY19 funds has been identified. The Committee may wish to seek clarification from Executive Branch staff as to where these extra resources are coming from and whether they will be enough to fully fund the workgroup/consultant effort. **Council Staff also recommends that the Committee add \$21,000 to the Reconciliation List so the lapsed Data and Analysis position can be filled without delay to support this effort.**

## Water and Sewer Planning Issues

The Council typically receives one package of Water and Sewer Plan amendments (category change requests) each year. Other category change requests are dealt with administratively throughout the year by DEP (consistent with Water and Sewer Plan policies).

Last fall, the Council approved a comprehensive update to the Water and Sewer Plan. This Plan was approved by the Maryland Department of the Environment in March.

The comprehensive update includes several recommendations that involve ongoing work by DEP, DPS, and other County departments, including the following:

- A recommendation for DEP and DPS to create a robust database with information about existing on-site systems in Montgomery County. When operational, this database will help the County better target its education and outreach efforts regarding system maintenance and provide essential information to inform future decisions by the County regarding additional proactive efforts the County may wish to pursue. DEP and DPS staff are currently reviewing existing information and system needs in-house. No additional funding has been requested by DPS or DEP for this effort in

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<sup>3</sup> The Council Staff Report from that briefing is available for download at: [https://www.montgomerycountymd.gov/council/Resources/Files/agenda/cm/2019/20190405/20190405\\_TE1.pdf](https://www.montgomerycountymd.gov/council/Resources/Files/agenda/cm/2019/20190405/20190405_TE1.pdf). The presentation slides from the briefing are available at: [https://www.montgomerycountymd.gov/COUNCIL/Resources/Files/PDF/ClimateBriefing\\_04052019.pdf](https://www.montgomerycountymd.gov/COUNCIL/Resources/Files/PDF/ClimateBriefing_04052019.pdf).



**FY20. Council Staff has asked DEP staff to keep the Council apprised of these efforts, especially if additional funding is ultimately needed to keep this initiative moving in FY20.**

- Continuing work between Montgomery and Prince George's counties and WSSC to develop new funding options to facilitate the affordable extension of water and sewer to properties in areas planned for service. WSSC has been leading a bi-County workgroup on this effort to develop recommendations for consideration by both Councils.

### Code Enforcement

The Division of Environmental Policy and Compliance (DEPC) administers code enforcement activities related to air and water quality, noise, illegal dumping, and hazardous materials, and also monitors the County's solid waste facilities. The Code Enforcement section includes seven positions: one Supervisor, one Code Enforcement Inspector, and five Environmental Health Specialists. This is the same complement as last year. DEP staff provided a summary chart breaking down trends by type of case (see ©12) and a narrative update below:

*The number of cases handled by the Code Enforcement Section in the Division of Environmental Policy & Compliance decreased slightly in FY18 (just under 2%). Noise issues remain the largest case type, with a total of 387, a 2% increase from FY17. Solid waste cases (illegal dumping & hazmat responses) increased 4% to 382. There was a significant increase in illicit discharge detection and elimination (IDDE) inspections, which are intended to proactively identify potential situations that could contribute to water quality violations. IDDE inspections are a condition of the County's MS4 permit, and the County committed to expand its IDDE program in consultation with MDE. Air quality and water quality cases dropped 23% and 29%, respectively, from FY17, although the total cases handled were similar to the number of cases in the FY14-FY16 period.*

*As in past years, the most difficult code enforcement issues pertained to noise cases. The two areas of greatest concern were:*

- *Noise from large construction projects, primarily in Silver Spring and Bethesda – Construction is an inherently noisy activity, and instituting reasonable controls given the proximity of residents and businesses to significant projects is difficult or impossible.*
- *Noise from "nighttime economy" activities, primarily in Silver Spring – Several establishments along Georgia Avenue in south Silver Spring operate into the early morning hours. Live and recorded music, as well as noise from a DJ and/or the patrons, regularly exceeds the standards of the noise law. Strict compliance with the noise standards would require a completely new business model for these establishments. Existing problems are likely to be exacerbated with the completion of new multifamily projects like Studio Plaza (between Silver Spring and Thayer Avenues), Solaire (8250 Georgia Avenue), and Ripley II (8210 Dixon Avenue).*

**Last year, Council Staff suggested that the T&E Committee discuss the challenges DEP has noted above with enforcing the current noise standards in urban areas. While individual Councilmembers have met with community members and with County staff on this issue, the T&E Committee may still want to follow up on this issue with DEP in a more structured briefing after budget.**

### Council Staff Recommendations (General Fund)

**Council Staff recommends that the Committee consider adding a placeholder amount on the Reconciliation List and continue discussions with the Executive Branch to confirm the dollars needed**

in FY20 to initiate this new effort. Council Staff also recommends that the Committee add \$21,000 to the Reconciliation List so the Data and Analysis position can be filled without delay to support this effort.

### Water Quality Protection Fund Budget

**Table #3  
DEP Expenditures and Positions/FTEs**

Water Quality Prot. Fund	Actual	Approved	CE Rec	Change FY20-FY19	
	FY18	FY19	FY20	\$\$\$	%
Personnel Costs	8,623,715	9,540,378	9,965,662	425,284	4.5%
Operating Expenses	16,512,249	18,405,086	18,893,224	488,138	2.7%
Capital Outlay	21,134			-	-
<b>Total</b>	<b>25,157,098</b>	<b>27,945,464</b>	<b>28,858,886</b>	<b>913,422</b>	<b>3.3%</b>
Full-Time Positions	53	45	46	1	2.2%
Part-Time Positions	0	0	1	1	n/a
FTEs	91.47	91.47	93.17	1.70	1.9%

#### Fiscal Summary

Expenditures in the WQPF are recommended to increase by \$913,422 (or 3.3 percent). This increase (along with a 2.1 percent in FY19) is well below increases in prior years (which tended to be in the 8 to 13 percent range per year) when DEP was ramping up work (both in the Operating Budget and CIP) to meet its NPDES-MS4 permit (2010-2015) requirements. However, as the T&E Committee and Council discussed at length last year and most recently at an April 4 update, the County is assuming a significantly lower level of effort in its CIP projects for the next MS4 permit (2019-2024). The County also changed its major capital funding approach in the WQPF from WQPF bonds to long-term financing from the State's Water Quality Revolving Fund (with much more favorable interest rates) and changes in its contracting approach (the new Design/Build/Maintain contract), which are all intended to reduce costs over the next permit period.

A crosswalk of all major expenditure changes is included in the Recommended budget (see ©6-7). DEP staff also provided additional detail (see ©13-14) that summarizes the major work items and changes from FY19 to FY20. The large changes are described in more detail below.

#### Water Quality Protection Fund and Charge

DEP's MS4 work (both operating and capital) is budgeted within the County's WQPF. This self-supporting fund draws its revenue primarily from the Water Quality Protection Charge (WQPC) (an estimated \$37.5 million in FY20) as well as from the County's bag tax (an estimated \$2.5 million in FY20).

The fund and charge were created in 2001, when the Council approved Bill 28-00. Five years ago, the Council enacted Bill 34-12 and approved Executive Regulations 17-12AM and 10-13. The bill and regulations included a number of changes to the charge, such as: broadening the charge to include all non-residential properties, establishing a 7-tier rate structure for residential properties, establishing credits for on-site stormwater management practices, and establishing a hardship exemption for residential properties and non-profit organizations. A three-year phase-in period for those properties that experienced an increase in assessments as a result of the legislation was also included.

In June 2016, the Council approved legislation (Expedited Bill 11-16) that made changes to Water Quality Protection Charge credits, as well as other changes.

The Council is required to set the Equivalent Residential Unit (ERU) rate each year by resolution. A resolution was introduced on April 2 and a public hearing was held on April 23. The Executive recommends keeping the ERU rate at \$104.25 (the same as FY18 and FY19). The most recent increase in the ERU rate was in FY18 when the Executive recommended and the Council approved an increase in the ERU rate of \$9.25, from the FY17 level of \$95.00 up to \$104.25 (a 9.7 percent increase at the time).

### Major Changes

As with last year, but unlike many years before that, the Water Quality Protection Fund operating budget is seeing relatively small adjustments (both up and down) for FY20. The following chart presents FY19 Budget and FY20 Recommended expenditures by major expense category for the Fund (see also ©13-14 for notes from DEP on the major cost changes).

**Table #6  
Water Quality Protection Fund Approved Expenditures by Type**

Item	Expenditures		% of		Change from FY19	
	FY19	Total	FY20	Total	\$	%
Personnel Costs - DEP	6,187,913	22.1%	6,600,441	22.9%	412,528	6.7%
Personnel Costs - Finance Chargeback - Collection	649,235	2.3%	627,400	2.2%	(21,835)	-3.4%
Personnel Costs - Finance Chargeback - Bag Tax	119,672	0.4%	121,740	0.4%	2,068	1.7%
Personnel Costs - DOT Stormdrain Chargeback	2,355,840	8.4%	2,374,179	8.2%	18,339	0.8%
Inspection Services	2,341,422	8.4%	2,341,422	8.1%	-	0.0%
Maintenance and non-CIP improvements	6,145,894	22.0%	5,895,894	20.4%	(250,000)	-4.1%
LID Work (residential and governmental, non-cip)	431,495	1.5%	431,495	1.5%	-	0.0%
Water Restoration Grant Program (previously in LID)	400,000	1.4%	400,000	1.4%	-	0.0%
Targeted Street Sweeping	231,160	0.8%	231,160	0.8%	-	0.0%
Streetsweeping	350,000	1.3%	350,000	1.2%	-	0.0%
BMP Monitoring in Special Protection Areas	265,000	0.9%	265,000	0.9%	-	0.0%
Additional Watershed monitoring (stream gauges)	498,690	1.8%	498,690	1.7%	-	0.0%
Lease for Space at 255 Rockville Pike	704,651	2.5%	738,720	2.6%	34,069	4.8%
Misc. Stream Restoration Maintenance	88,803	0.3%	88,803	0.3%	-	0.0%
Water Quality Planning and Monitoring	107,055	0.4%	138,055	0.5%	31,000	29.0%
Department of Finance Chargeback	190,745	0.7%	210,600	0.7%	19,855	10.4%
MS4 Outreach and Education	205,000	0.7%	424,000	1.5%	219,000	106.8%
SWM Database	113,320	0.4%	113,320	0.4%	-	0.0%
Motor Pool	133,047	0.5%	150,604	0.5%	17,557	13.2%
Storm Drain Maintenance	1,747,982	6.3%	1,747,982	6.1%	-	0.0%
Contractual - Admin Support for MS4	21,250	0.1%	21,250	0.1%	-	n/a
General Operating Expenses (Phones, Supplies, etc)	94,306	0.3%	76,507	0.3%	(17,799)	-18.9%
M-NCPPC Water Quality Activities - Parks	3,344,909	12.0%	3,422,473	11.9%	77,564	2.3%
M-NCPPC Water Quality Activities - Planning	391,700	1.4%	403,500	1.4%	11,800	3.0%
MOUs with cities of Gaithersburg, TP, and Rockville	210,000	0.8%	246,000	0.8%	36,000	n/a
Office of Agriculture Expenditures	325,715	1.2%	361,902	1.3%	36,187	n/a
Office of Sustainability - Tree Program	66,700	0.2%	66,700	0.2%	-	n/a
Professional Services to Support Bill 34-12 moved to MS4 Support	223,960	0.8%	223,960	0.8%	-	n/a
Conservation Corps Contract (WQPF portion)	-	0.0%	287,089	1.0%	287,089	
<b>Total</b>	<b>27,945,464</b>	<b>100.0%</b>	<b>28,856,886</b>	<b>100.0%</b>	<b>913,422</b>	<b>3.3%</b>

Typically, DEP's stormwater management inspections and maintenance costs are a major driver of costs in this program, especially since DEP adds hundreds of facilities to its inventory each year.<sup>5</sup> However, last year, DEP revised its inspection and maintenance process based on experience and changed its inspections and maintenance regimes for certain facilities. This led to some cost savings in FY19 and there are no cost increases assumed in FY20.

<sup>5</sup> As of April 17, 2019, there are an estimated 16,387 assets in DEP's inventory. The assets increase by approximately 2,000 per year. All facilities are subject to DEP inspection. DEP is responsible for providing structural maintenance for 6,491 facilities.

In FY20, DEP is redirecting \$250,000 from maintenance to MS4 Outreach and Education to provide funding for the construction and one year of maintenance, outreach, and education. The County has a total maximum daily load (TMDL) via its MS4 permit to reduce trash in the Anacostia watershed. DEP provided the following details on this effort:

*In FY20, DEP intends to use the Watershed Restoration and Outreach Grant RFP to solicit for the installation and one-year maintenance of a trash trap in one location. Prince Georges County successfully used a similar grant RFP for the installation of a trash trap, which was just installed in FY18. Based on Prince Georges experience and grant award for the trash trap, DEP estimates that the cost for permits, design, and installation will be approximately \$200,000, and one year of maintenance, outreach and education, will cost approximately \$50,000.*

*The collected trash will be tracked and reported to show our compliance with reducing of trash in the Anacostia watershed as required by the TMDL. This program will provide a grant opportunity to the County local non-profit organizations. The Grantee will be responsible for installation, maintenance, and outreach of the system. Oversight of the project will be by Chesapeake Bay Trust. Upon installation, the non-profit will report the collected trash to DEP for compliance with reduction of trash in the Anacostia as required by the TMDL.*

The M-NCPPC Planning and Parks Departments' FY19 budgets include about \$3.74 million combined in water quality-related work supported by the WQPF. For FY20, M-NCPPC requested an additional \$89,364 (+2.4 percent), which the Executive included in his recommendation.

#### New Positions

Two new positions are requested, including an Accountant III position (\$74,269 and 1.0 FTE) to address workload concerns regarding budgeting and financial reporting and analysis and a part-time planning technician position to digitize stormwater management facility information (\$29,764, 0.5 FTEs). The digitizing work is currently being done by a support contractor under a task contract that cannot be extended another year.

#### Bag Tax

The Council approved the Carryout Bag Excise Tax on May 3, 2011. As approved, revenues and expenditures associated with the tax are included within the WQPF. The tax went into effect at the beginning of 2012, and the T&E Committee has received periodic updates on the bag tax and also considered potential changes to the charge from time to time.

DEP provided Bag Tax revenue information (see ©15-17) through March 2019, which was compiled by the Department of Finance.

FY19 estimated revenues (after 2<sup>nd</sup> quarter) shown in the Executive's Recommended budget are \$2.47 million (the same as the FY19 original budget and down slightly from the FY18 Actual of \$2.57 million). The recent revenue information through March 2019 shows FY19 revenues in the \$215,000 range per month, trending slightly higher than budget (\$2.58 million, if the monthly average were to hold for the rest of the year).

The increased revenue is partly the result of a steady increase in the number of participating retailers (from 1,511 as of June 30, 2018 to 1,557 at the end of March 2019).

## Fiscal Plan

The Water Quality Protection Fund Fiscal Plan is attached on ©9. This chart shows estimated costs, revenues, and fund balance from FY19 Estimate through FY25. Some key facts regarding the fund are noted below:

- The Fiscal Plan assumes no change in the ERU rate for FY19 and FY20. This is consistent with last year's fiscal plan, which also assumed no increase for FY20. NOTE: increases beyond FY20 were assumed last year and are assumed again in this year's Fiscal Plan.
- Debt service projections are similar to last year's projections (which were down substantially from prior years because of reduced assumptions for MS4 permit requirements regarding impervious acreage retrofit/restoration acreage, reduced staffing in DEP (both in-house and contractual staff) and lower interest rates from new Maryland Water Quality Revolving Fund long-term financing as compared to WQPF bonds).
- Three years ago, the Fund Balance policy goal was changed from a range of 10 to 15 percent of resources down to 5 percent of resources. This change was done to reflect the continuing maturity of the program and stability of the collection rate for the WQPC. The Recommended Fiscal Plan substantially exceeds that policy goal in the early years of the Fiscal Plan, but by FY25 the fund balance is down to 5.4 percent of resources.

## **Council Staff Recommendations (Water Quality Protection Fund)**

**Council Staff recommends approval of the FY20 DEP Water Quality Protection Fund Operating Budget as recommended by the County Executive.**

**Council Staff also supports the County Executive's recommended Water Quality Protection Charge ERU rate for FY20 (no change from the FY19 rate).**

## **Attachments**

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# Environmental Protection

**RECOMMENDED FY20 BUDGET**  
**\$31,988,144**

**FULL TIME EQUIVALENTS**  
**109.87**

☀ **ADAM ORTIZ, DIRECTOR**

## **MISSION STATEMENT**

The mission of the Department of Environmental Protection (DEP) is to enhance the quality of life in our community by protecting and improving Montgomery County's air, water, and land in a sustainable way while fostering smart growth, a thriving economy, and healthy communities.

## **BUDGET OVERVIEW**

The total recommended FY20 Operating Budget for the Department of Environmental Protection is \$31,988,144, an increase of \$1,279,779 or 4.17 percent from the FY19 Approved Budget of \$30,708,365. Personnel Costs comprise 37.72 percent of the budget for 92 full-time position(s) and one part-time position(s), and a total of 109.87 FTEs. Total FTEs may include seasonal or temporary positions and may also reflect workforce charged to or from other departments or funds. Operating Expenses account for the remaining 62.28 percent of the FY20 budget.

The debt service for the Water Quality Protection Fund is appropriated in the Debt Service Fund and is, therefore, not displayed in this section. To pay for the debt service, a transfer of funds from the Water Quality Protection Fund to the Debt Service Fund of \$6,361,900 is required in FY20 for Water Quality Protection bonds.

In addition, this department's Capital Improvements Program (CIP) requires Current Revenue funding.

## **COUNTY PRIORITY OUTCOMES**

While this program area supports all seven of the County Executive's Priority Outcomes, the following are emphasized:

- ◆ **A Greener County**
- ◆ **Effective, Sustainable Government**

## **DEPARTMENT PERFORMANCE MEASURES**

Performance measures for this department are included below (where applicable), with multi-program measures displayed at the front of this section and program-specific measures shown with the relevant program. The FY19 estimates reflect funding based on the FY19 Approved Budget. The FY20 and FY21 figures are performance targets based on the FY20 Recommended Budget and funding for comparable service levels in FY21.

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## **INITIATIVES**

- ✦ Identify opportunities for enhanced coordination between the Department of Environmental Protection, the Department of Transportation, the Department of General Services, the Department of Permitting Services, Montgomery County Public Schools, municipalities, and the Maryland-National Capital Park and Planning Commission to integrate activities and requirements in preparation for the next National Pollutant Discharge Elimination Municipal Separate Storm Sewer System (MS4) permit that will be issued to the County in 2019.
- ✦ DEP, along with the Department of Health and Human Services and a variety of community service providers, are developing an "energy coach" network to connect County residents and businesses with resources related to energy efficiency and energy assistance.
- ✦ Establish partnerships with the Latin American Youth Council and the Conservation Corps to have youth assist DEP with the maintenance of green infrastructure and the dissemination of information about energy saving initiatives.

## **ACCOMPLISHMENTS**

- ✓ Successfully met the requirements of the Consent Decree and the 2010 MS4 permit, in Calendar Year 2018 by completing the impervious surface restoration requirement and implementing and identifying stormwater management controls for an additional 3,781 acres.
- ✓ Fulfilled the Supplemental Environmental Project requirement of the Consent Decree in Calendar Year 18 by completing the construction of two bioretention practices and one rain garden at Olney Elementary School. A celebration of this accomplishment was held on site with the County Executive, students, teachers, PTA representatives, Maryland Department of the Environment, local watershed groups, and parents.
- ✓ During FY18, the County's Commercial Property Assessed Clean Energy (C-PACE) Financing program accepted an additional ten projects, resulting in the implementation of more than \$6 million in privately funded improvements to commercial buildings.
- ✓ Continued planting trees through Tree Montgomery utilizing funds provided by the Tree Canopy Law. The total number of shade trees planted through the program is more than 2,200, earning over 7 acres of impervious area restored under the MS4 permit.
- ✓ Responded to over 1,800 environmental complaints and requests related to air, water quality, illegal dumping, noise, and other environmental compliance issues in FY18.
- ✓ As part of the multi-agency Montgomery County Climate Mobilization Workgroup, submitted a comprehensive report outlining 100+ measures to move the County toward decarbonization by 2035, a goal established by the County Council through a December 2017 resolution.
- ✓ Since 2016, DEP's Residential Energy Program has engaged more than 20,000 residents at over 250 events about ways to reduce their energy use and save money. Events have been held at congregations, libraries, senior centers, schools, and Manna food distribution sites in an effort to reach a wide variety of residents. In addition to discussions about ways to save energy, activities have included swapping inefficient incandescent light bulbs for energy saving LEDs, and helping residents sign up for Quick Home Energy Checkups from their electric utility.

## **INNOVATIONS AND PRODUCTIVITY IMPROVEMENTS**

- ✦ Enhanced partnerships with other County agencies, State agencies, and utilities to include restoration credit in the County's MS4 permit that was delivered by other agencies.

- ✱ DEP is automating the assignment of preventative maintenance and inspection schedules for over 16,000 stormwater management assets. Preventative maintenance schedules will be assigned based on geographic location and property lines which will lead to increased efficiencies in completing preventative maintenance inspections required by the MS4 permit.
- ✱ Modified the bag tax reporting database by adding a linkage with the State Business Licensing database. This connection will give DEP and Finance a better mechanism to identify the potential vendors that are not reporting.
- ✱ Developed the Tree Montgomery database to manage all aspects of the Tree Montgomery program, including tracking customer applications, providing planting locations and tree species to the planting contractor, and coordinating after-care service.
- ✱ As of January 2018, DEP's Stormwater Facility Maintenance Program continues to conduct a triennial maintenance and inspection program of underground facilities as required by State and local law and the MS4 NPDES permit. The results of previously conducted annual inspections determined that they were no longer necessary.

## **PROGRAM CONTACTS**

Contact Patty Bubar of the Department of Environmental Protection at 240.777.7786 or Trevor Lobaugh of the Office of Management and Budget at 240.777.2763 for more information regarding this department's operating budget.

## **PROGRAM DESCRIPTIONS**

### ✱ **Watershed Management Operations**

The Watershed Management Operations Division manages, inspects, and ensures the operational effectiveness of over 16,000 stormwater management facilities, and is also responsible for the structural maintenance of over 5,000 of these facilities.

The Watershed Management Operations Division supports watershed-based monitoring, planning, policy development, and reporting to achieve County stream protection goals (Montgomery County Code Chapter 19, Article IV) and comply with the federal Clean Water Act NPDES Municipal Separate Storm Sewer System (MS4) permit. Program staff conducts baseline stream monitoring, storm drain discharge monitoring, and public outreach activities that increase awareness and promote citizen involvement in stream stewardship. The program also assesses land development impacts on water resources and the effectiveness of best management practices that mitigate those impacts within the County's designated "Special Protection Areas."

Revenue for this program is generated by the Water Quality Protection Charge, applied to all residential and non-residential properties except for those owned by the State and County government and those in the cities of Gaithersburg, Rockville, and Takoma Park.

Program Performance Measures	Actual FY17	Actual FY18	Estimated FY19	Target FY20	Target FY21
Amount of total nitrogen loads reduced or controlled (pounds / year) <sup>1</sup>	19,414	22,117	23,978	25,840	27,701
Amount of total phosphorus loads reduced or controlled (pounds / year) <sup>2</sup>	8,541	11,547	13,047	14,548	16,048
County watershed stream quality Index of Biological Integrity (IBI) score	60.4	62.4	63.1	63.9	64.7
Stormwater facility maintenance compliance rate	79%	87%	89%	89%	89%

<sup>1</sup> This measure has been modified to prepare to align with a new model based on guidance from the Maryland Department of the Environment to be consistent with other jurisdictions.



<sup>2</sup> This measure has been modified to prepare to align with a new model based on guidance from the Maryland Department of the Environment to be consistent with other jurisdictions.

FY20 Recommended Changes		Expenditures	FTEs
<b>FY19 Approved</b>			
Increase Cost: M-NCPPC WQPF Allocation Increase		27,878,765	91.47
Increase Cost: Add Accountant III Position		89,364	0.00
Increase Cost: Increase in Agriculture Chargeback		74,269	1.00
Increase Cost: Add Part-time Planning Technician Position to Digitize Stormwater Facility Information		36,187	0.00
Increase Cost: Increased Cost for DOT Storm Drains Chargeback		29,784	0.50
Decrease Cost: Reduced Cost for Property Tax Billing Chargeback		18,339	0.00
Shift: Annualization of ESRI Enterprise Agreement - Shift to DTS		(1,980)	0.00
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.		(17,800)	0.00
		685,258	0.20
<b>FY20 Recommended</b>		<b>28,792,186</b>	<b>93.17</b>

### ☀ Environmental Policy and Compliance

The Division of Environmental Policy and Compliance develops and implements integrated programs which protect and enhance the County's environmental resources and promote sustainable practices by residents, businesses, and the County government. The division analyzes, develops, and implements programs related to air quality, energy conservation and renewable energy, forest and tree resources, and other sustainability issues. The division also helps formulate and enforce County laws and regulations related to air and water pollution, illegal dumping, noise control, pesticides, and other environmental issues. Finally, the division is responsible for environmental monitoring of the County's solid waste facilities; coordination of responses on all legislative referrals at the local, state, and federal levels; and participation on local and regional task forces, committees, and various advisory groups.

Program Performance Measures	Actual	Actual	Estimated	Target	Target
	FY17	FY18	FY19	FY20	FY21
Average number of days to resolve incoming complaints	30	36	36	36	36
Percent of customers who rated themselves as satisfied with DEP response to environmental complaints	67%	75%	70%	70%	70%

FY20 Recommended Changes		Expenditures	FTEs
<b>FY19 Approved</b>			
Decrease Cost: Lapse of Project Manager II, Data and Analysis Position		2,044,277	11.44
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.		(42,749)	0.00
		114,210	0.00
<b>FY20 Recommended</b>		<b>2,115,738</b>	<b>11.44</b>

### ☀ Administration

The Office of the Director provides leadership on policy development, implementation, and administration for all departmental programs and management services. The Director's Office is also responsible for planning, development, and administration of water supply and wastewater policies for the County, as well as development of the State-required Montgomery County Comprehensive Water Supply and Sewerage System Plan, in order to ensure that the County's management of water and wastewater protects public health and the environment. The Director's Office generates the Water Quality Protection Charge revenue and rate, and manages integration of the Water Quality Protection Charge funds, bond issuance funds, and other County

funds with program and permit requirements. The Director's Office provides IT support, including geographical information systems and services, procurement, budget, human resources, and other management services to implement capital and non-capital programs.

FY20 Recommended Changes		Expenditures	FTEs
<b>FY19 Approved</b>		<b>785,323</b>	<b>5.06</b>
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.		294,897	0.20
<b>FY20 Recommended</b>		<b>1,080,220</b>	<b>5.26</b>

## BUDGET SUMMARY

	Actual FY18	Budget FY19	Estimate FY19	Recommended FY20	%Chg Bud/Rec
<b>COUNTY GENERAL FUND</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	1,366,547	1,499,769	1,238,777	1,593,437	6.3 %
Employee Benefits	458,413	521,215	419,870	505,817	-3.0 %
<b>County General Fund Personnel Costs</b>	<b>1,824,960</b>	<b>2,020,984</b>	<b>1,658,647</b>	<b>2,099,254</b>	<b>3.9 %</b>
Operating Expenses	275,795	741,917	741,917	1,030,004	38.8 %
<b>County General Fund Expenditures</b>	<b>2,100,755</b>	<b>2,762,901</b>	<b>2,400,564</b>	<b>3,129,258</b>	<b>13.3 %</b>
<b>PERSONNEL</b>					
Full-Time	46	46	46	46	—
Part-Time	0	0	0	0	—
FTEs	16.50	16.50	16.50	16.70	1.2 %
<b>REVENUES</b>					
Other Charges/Fees	25,300	40,400	40,400	60,400	49.5 %
Other Fines/Forfeitures	21,375	10,000	10,000	15,000	50.0 %
Other Licenses/Permits	13,050	9,000	10,000	10,000	11.1 %
Tree Canopy	819,250	500,000	500,000	500,000	—
<b>County General Fund Revenues</b>	<b>878,975</b>	<b>559,400</b>	<b>560,400</b>	<b>585,400</b>	<b>4.6 %</b>
<b>WATER QUALITY PROTECTION FUND</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	6,628,578	7,212,255	6,721,039	7,506,194	4.1 %
Employee Benefits	1,995,137	2,328,123	1,957,979	2,459,468	5.6 %
<b>Water Quality Protection Fund Personnel Costs</b>	<b>8,623,715</b>	<b>9,540,378</b>	<b>8,679,018</b>	<b>9,965,662</b>	<b>4.5 %</b>
Operating Expenses	16,512,249	18,405,086	16,404,497	18,893,224	2.7 %
Capital Outlay	21,134	0	0	0	—
<b>Water Quality Protection Fund Expenditures</b>	<b>25,157,098</b>	<b>27,945,464</b>	<b>25,083,515</b>	<b>28,858,886</b>	<b>3.3 %</b>
<b>PERSONNEL</b>					
Full-Time	53	45	45	46	2.2 %
Part-Time	0	0	0	1	—

## BUDGET SUMMARY

	Actual FY18	Budget FY19	Estimate FY19	Recommended FY20	%Chg Bud/Rec
FTEs	91.47	91.47	91.47	93.17	1.9 %
<b>REVENUES</b>					
Bag Tax	2,574,126	2,471,921	2,471,921	2,471,921	—
Investment Income	444,772	333,980	876,880	934,070	179.7 %
Other Charges/Fees	97,920	50,000	200,000	50,000	—
Water Quality Protection Charge	37,811,709	37,415,935	37,415,935	37,515,190	0.3 %
<b>Water Quality Protection Fund Revenues</b>	<b>40,928,527</b>	<b>40,271,836</b>	<b>40,964,736</b>	<b>40,971,181</b>	<b>1.7 %</b>

### DEPARTMENT TOTALS

Total Expenditures	27,257,853	30,708,365	27,484,079	31,988,144	4.2 %
Total Full-Time Positions	99	91	91	92	1.1 %
Total Part-Time Positions	0	0	0	1	—
Total FTEs	107.97	107.97	107.97	109.87	1.8 %
Total Revenues	41,807,502	40,831,236	41,525,136	41,556,581	1.8 %

### FY20 RECOMMENDED CHANGES

COUNTY GENERAL FUND	FY19 ORIGINAL APPROPRIATION	Expenditures	FTEs
	2,762,901		16.50
<b>Other Adjustments (with no service impacts)</b>			
Shift: Shift Management of Conservation Corps Contract from HHS to DEP to Support Non-Water Quality Related Costs		287,087	0.00
Increase Cost: Restore One-Time Lapse Increase		80,172	0.00
Increase Cost: FY20 Compensation Adjustment		64,264	0.00
Technical Adj: Reflect Prior Addition of Public Services Intern Position		6,948	0.20
Increase Cost: Motor Pool Adjustment		1,000	0.00
Increase Cost: Retirement Adjustment		364	0.00
Decrease Cost: Annualization of FY19 Personnel Costs		(30,729)	0.00
Decrease Cost: Lapse of Project Manager II, Data and Analysis Position [Environmental Policy and Compliance]		(42,749)	0.00
	<b>FY20 RECOMMENDED</b>	<b>3,129,258</b>	<b>16.70</b>

### WATER QUALITY PROTECTION FUND

	FY19 ORIGINAL APPROPRIATION	27,945,464	91.47
<b>Other Adjustments (with no service impacts)</b>			
Shift: Shift Management of Conservation Corps Contract from HHS to DEP to Support Green Infrastructure Maintenance and Outreach		287,089	0.00
Increase Cost: FY20 Compensation Adjustment		207,615	0.00

## FY20 RECOMMENDED CHANGES

	Expenditures	FTEs
Increase Cost: M-NCPPC WQPF Allocation Increase [Watershed Management Operations]	89,364	0.00
Increase Cost: Annualization of FY19 Personnel Costs	88,614	0.00
Increase Cost: Add Accountant III Position [Watershed Management Operations]	74,269	1.00
Increase Cost: Increase in Agriculture Chargeback [Watershed Management Operations]	36,187	0.00
Increase Cost: Increased Payments to Municipalities for Stormwater Pollution Control Services	36,000	0.00
Increase Cost: Building Rent Escalation	34,070	0.00
Increase Cost: Add Part-time Planning Technician Position to Digitize Stormwater Facility Information [Watershed Management Operations]	29,784	0.50
Increase Cost: Increased Cost for DOT Storm Drains Chargeback [Watershed Management Operations]	18,339	0.00
Increase Cost: Motor Pool Adjustment	17,557	0.00
Increase Cost: Retirement Adjustment	7,366	0.00
Technical Adj: Reflect Prior Addition of Public Services Intern Position	6,948	0.20
Decrease Cost: Reduced Cost for Property Tax Billing Chargeback [Watershed Management Operations]	(1,980)	0.00
Shift: Annualization of ESRI Enterprise Agreement - Shift to DTS [Watershed Management Operations]	(17,800)	0.00
<b>FY20 RECOMMENDED</b>	<b>28,858,886</b>	<b>93.17</b>

## PROGRAM SUMMARY

Program Name	FY19 APPR Expenditures	FY19 APPR FTEs	FY20 REC Expenditures	FY20 REC FTEs
Watershed Management Operations	27,878,765	91.47	28,792,186	93.17
Environmental Policy and Compliance	2,044,277	11.44	2,115,738	11.44
Administration	785,323	5.06	1,080,220	5.26
<b>Total</b>	<b>30,708,365</b>	<b>107.97</b>	<b>31,988,144</b>	<b>109.87</b>

## CHARGES TO OTHER DEPARTMENTS

Charged Department	Charged Fund	FY19 Total\$	FY19 FTEs	FY20 Total\$	FY20 FTEs
<b>WATER QUALITY PROTECTION FUND</b>					
CIP	Capital Fund	2,552,445	19.20	2,588,082	19.20

## FUTURE FISCAL IMPACTS

CE RECOMMENDED (\$000S)

Title	FY20	FY21	FY22	FY23	FY24	FY25
<b>COUNTY GENERAL FUND</b>						
<b>EXPENDITURES</b>						
<b>FY20 Recommended</b>	3,129	3,129	3,129	3,129	3,129	3,129

No inflation or compensation change is included in outyear projections.

## FUTURE FISCAL IMPACTS

CE RECOMMENDED (\$000S)

Title	FY20	FY21	FY22	FY23	FY24	FY25
<b>Labor Contracts</b>	0	13	13	13	13	13
These figures represent the estimated annualized cost of general wage adjustments, service increments, and other negotiated items.						
<b>Subtotal Expenditures</b>	3,129	3,142	3,142	3,142	3,142	3,142

### WATER QUALITY PROTECTION FUND

#### EXPENDITURES

<b>FY20 Recommended</b>	28,859	28,859	28,859	28,859	28,859	28,859
No inflation or compensation change is included in outyear projections.						
<b>Annualization of Positions Recommended in FY20</b>	0	33	33	33	33	33
New positions in the FY20 budget are generally assumed to be filled at least two months after the fiscal year begins. Therefore, the above amounts reflect annualization of these positions in the outyears.						
<b>Building Lease Operating Budget Impacts</b>	0	(550)	(733)	(733)	(733)	(733)
Reduction of lease costs in FY21 - FY24 to reflect move to Wheaton in Fall 2020						
<b>Increased Payments to Municipalities for Stormwater Pollution Control Services</b>	0	16	33	52	72	94
Increased Payments to Municipalities for Stormwater Pollution Control Services						
<b>Maintenance of New and Newly Transferred Facilities</b>	0	114	780	821	696	696
<b>Wheaton Redevelopment Project Operating Budget Impacts</b>	0	1,266	1,266	1,266	1,266	1,266
These figures represent the total impact (debt service and operating expenses net of lease savings) of the Wheaton Redevelopment project on the Water Quality Protection Fund.						
<b>Labor Contracts</b>	0	45	45	45	45	45
These figures represent the estimated annualized cost of general wage adjustments, service increments, and other negotiated items.						
<b>Operating Budget Impacts of CIP Projects</b>	0	20	5	35	50	50
These figures represent the Operating Budget Impacts of Stormwater Management Projects in the FY19-24 CIP.						
<b>Subtotal Expenditures</b>	28,859	29,803	30,288	30,378	30,288	30,310

### ANNUALIZATION OF PERSONNEL COSTS AND FTES

	FY20 Recommended		FY21 Annualized	
	Expenditures	FTEs	Expenditures	FTEs
Add Accountant III Position	74,269	1.00	98,525	1.00
Add Part-time Planning Technician Position to Digitize Stormwater Facility Information	29,784	0.50	38,988	0.50
<b>Total</b>	<b>104,053</b>	<b>1.50</b>	<b>137,513</b>	<b>1.50</b>

FY20-25 PUBLIC SERVICES PROGRAM FISCAL PLAN Water Quality Protection Fund

FISCAL PROJECTIONS	FY19 ESTIMATE	FY20 REC	FY21 PROJECTION	FY22 PROJECTION	FY23 PROJECTION	FY24 PROJECTION	FY25 PROJECTION
<b>ASSUMPTIONS</b>							
Indirect Cost Rate	18.23%	20.45%	20.45%	20.45%	20.45%	20.45%	20.45%
CPI (Fiscal Year)	2.15%	2.3%	2.5%	2.7%	2.7%	2.7%	2.7%
Investment Income Yield	2.30%	2.45%	2.45%	2.45%	2.45%	2.45%	2.45%
Number of Equivalent Residential Units (ERUs) Billed	365,000	365,000	365,000	365,000	365,000	365,000	365,000
Water Quality Protection Charge (\$/ERU)	\$104.25	\$104.25	\$108.00	\$112.00	\$116.00	\$120.00	\$125.00
Collection Factor for Charge	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%
<b>BEGINNING FUND BALANCE</b>	<b>13,876,247</b>	<b>9,393,640</b>	<b>8,877,960</b>	<b>8,208,774</b>	<b>6,320,354</b>	<b>3,368,143</b>	<b>2,133,626</b>
<b>REVENUES</b>							
Charges For Services	37,415,935	37,515,180	38,851,800	40,299,200	41,751,800	43,204,600	45,020,480
Bag Tax Receipts	2,471,921	2,471,921	2,471,921	2,471,921	2,471,921	2,471,921	2,471,921
Miscellaneous	1,076,880	984,070	984,070	984,070	984,070	984,070	984,070
<b>Subtotal Revenues</b>	<b>40,964,736</b>	<b>40,971,181</b>	<b>42,307,791</b>	<b>43,755,191</b>	<b>45,207,891</b>	<b>46,660,591</b>	<b>48,476,471</b>
<b>INTERFUND TRANSFERS (Net Non-CIP)</b>							
Transfers To General Fund	(7,980,961)	(8,399,880)	(9,414,530)	(10,224,780)	(10,925,380)	(11,579,230)	(11,585,930)
Indirect Costs	(1,752,361)	(2,037,980)	(2,037,980)	(2,037,980)	(2,037,980)	(2,037,980)	(2,037,980)
Telecommunications Charge	(1,739,210)	(2,037,980)	(2,037,980)	(2,037,980)	(2,037,980)	(2,037,980)	(2,037,980)
Transfers to Debt Service Fund (Non-Tax)	(13,151)	0	0	0	0	0	0
	(6,148,600)	(6,381,900)	(7,376,550)	(8,166,600)	(8,887,400)	(9,541,250)	(9,547,950)
<b>TOTAL RESOURCES</b>	<b>46,940,822</b>	<b>41,964,841</b>	<b>42,774,221</b>	<b>41,739,185</b>	<b>40,602,865</b>	<b>38,450,504</b>	<b>39,024,167</b>
<b>CIP CURRENT REVENUE APPROPRIATION</b>							
PSP OPER. BUDGET APPROP/ EXP'S.	(4,760,000)	(3,228,000)	(4,306,000)	(4,186,000)	(5,386,000)	(4,031,000)	(4,031,000)
<b>Operating Budget</b>							
Annualizations and One-Time (PC)	(25,083,515)	(28,858,886)	(29,312,186)	(29,803,448)	(30,317,786)	(30,856,326)	(31,420,166)
Labor Contracts	0	0	(33,460)	(33,460)	(33,460)	(33,460)	(33,460)
Labor Contracts Other	0	0	(56,015)	(56,015)	(56,015)	(56,015)	(56,015)
Maintenance of New and Newly Transferred Facilities	0	0	11,177	11,177	11,177	11,177	11,177
Operating Impacts of CIP Projects (per CC Approved FY19-24 PDFs)	0	0	(113,980)	(780,127)	(821,095)	(695,882)	(695,882)
Building Lease Operating Budget Impacts	0	0	(20,000)	(5,000)	(35,000)	(50,000)	(50,000)
Wheaton Redevelopment Project Operating Budget Impacts	0	0	549,875	732,900	732,900	732,900	732,900
Anticipated Increases for Payments to Municipalities	0	0	(1,265,848)	(1,265,540)	(1,266,403)	(1,265,972)	(1,265,972)
	0	0	(16,010)	(33,320)	(52,090)	(72,290)	(94,250)
<b>Subtotal PSP Oper Budget Approp / Exp's</b>	<b>(25,083,515)</b>	<b>(28,858,886)</b>	<b>(30,266,447)</b>	<b>(31,232,831)</b>	<b>(31,837,722)</b>	<b>(32,285,878)</b>	<b>(32,871,678)</b>
<b>OTHER CLAIMS ON FUND BALANCE</b>	<b>(7,712,967)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL USE OF RESOURCES</b>	<b>(37,546,482)</b>	<b>(32,088,886)</b>	<b>(34,582,447)</b>	<b>(35,418,831)</b>	<b>(37,233,722)</b>	<b>(36,316,878)</b>	<b>(36,902,678)</b>
<b>YEAR END FUND BALANCE</b>	<b>9,393,640</b>	<b>8,877,960</b>	<b>8,208,774</b>	<b>6,320,354</b>	<b>3,368,143</b>	<b>2,133,626</b>	<b>2,121,489</b>
<b>END-OF-YEAR RESERVES AS A PERCENT OF RESOURCES</b>							
<b>NET REVENUE</b>	<b>20.0%</b>	<b>23.5%</b>	<b>19.2%</b>	<b>15.1%</b>	<b>8.3%</b>	<b>5.5%</b>	<b>5.4%</b>
<b>DEBT SERVICE COVERAGE RATIO</b>	<b>14,128,960</b>	<b>10,074,315</b>	<b>10,013,364</b>	<b>10,484,380</b>	<b>11,332,189</b>	<b>12,336,733</b>	<b>13,588,013</b>
	<b>2.30</b>	<b>1.58</b>	<b>1.36</b>	<b>1.28</b>	<b>1.28</b>	<b>1.28</b>	<b>1.42</b>

**Assumptions:**

- These projections are based on the County Executive's Recommended budget and include the revenue and resource assumptions of that budget. The projected future expenditures, revenues, and fund balances may vary based on changes to fee or tax rates, usage, inflation, future labor agreements, and other factors not assumed here.
- Stormwater facilities transferred into the maintenance program will be maintained to permit standards as they are phased into the program.
- Operating costs for new facilities to be completed or transferred and Operating Budget Impacts of Stormwater CIP projects between FY21 and FY25 have been incorporated in the future fiscal impact (FFI) rows.
- The operating budget includes planning and implementation costs for compliance with the Municipal Separate Storm Sewer System (MS-4) permit issued by the Maryland Department of the Environment in February 2010. Debt service on bonds that will be used to finance the CIP project costs of MS-4 compliance has been shown as a transfer to the Debt Service Fund. The Department of Finance issued \$37.8 million in Water Quality Protection Charge Revenue Bonds dated July 18, 2012 (Series 2012A) and \$46.5 million dated April 6, 2016 (Series 2016A). The actual debt service costs for the Series 2012A and 2016A bond issuances and projected debt service for anticipated MDE Water Quality Revolving Loan awards in years FY20-25 are included in the fiscal plan. Actual debt service costs may vary depending on the size and timing of future loan and bond issues. Current revenue may be used to offset future borrowing requirements. Future WQPC rates are subject to change based on the timing and size of future debt issuance, State Aid, and legislation.
- Charges are adjusted to fund the planned service program and maintain net revenues sufficient to cover 1.25 times debt service costs.

ATTACHMENT C

Department of Environmental Protection

Vacancy Report for 255 Rockville Positions (non-Solid Waste) - April 2019

Line #	HR Organization	Position Number	Vacancy Date	Title	Grade	Estimated Hire Date
1	WMCP - Low-Impact Development	16256	12/11/2018	Planning Specialist III (RainScapes)	23	May 26, 2019
2	WMCP - Low-Impact Development	16726	9/16/2018	Planning Specialist III (RainScapes)	23	May 26, 2019
3	WMCP - Low-Impact Development	17037	9/16/2018	Planning Specialist III (RainScapes)	23	May 26, 2019
4	DEPC - Environmental Planning and Policy Implementation	17767	3/5/2018	Program Manager I (Tree Program)	23	June 24, 2019
5	WMO - Stormwater Facility Inspection and Maintenance	15079	9/16/2018	Permitting and Code Enforcement Inspector III	23	June 24, 2019
6	WMO - Stormwater Facility Inspection and Maintenance	6612	3/17/2019	Permitting and Code Enforcement Inspector III	23	June 24, 2019
7	DEPC - Field Services (Compliance)	6548	10/1/2018	Environmental Health Specialist III	24	August 18, 2019
8	DO - Management Services	13886	11/1/2018	Program Manager II (Procurement & Contracts Mgt.)	25	August 18, 2019
9	DO - Management Services	6592	2/23/2019	Program Manager II (WQPC)	25	August 18, 2019
10	WMO - Stormwater Facility Inspection and Maintenance	17044	3/3/2019	Planning Specialist III (Public ESD)	23	August 18, 2019
11	DEPC - Environmental Planning and Policy Implementation	17766	1/20/2019	Program Manager I (Commercial Energy)	23	September 1, 2019
12	DEPC - Environmental Planning and Policy Implementation	18267	3/2/2019	Program Manager I (Partnership Development)	23	September 1, 2019
13	WMO - Stormwater Facility Inspection and Maintenance	TBD	10/1/2017	Program Manager II (ESD Inspections - Private Property)	25	September 1, 2019
14	WMO - Water Quality Monitoring and Planning	16819	2/3/2019	Water Quality Specialist II	22	September 1, 2019
15	WMO - Stormwater Facility Inspection and Maintenance	14032	12/1/2018	Office Services Coordinator	16	November 10, 2019
16	DEPC - Environmental Planning and Policy Implementation	15090	6/15/2018	Planning Specialist III (Outreach)	23	FY20
17	DO - Management Services	12024	12/19/2018	Program Manager II (Outreach)	25	FY20
18	DEPC - Environmental Planning and Policy Implementation	18268	10/1/2015	Program Manager II (Data Analysis)	25	FY20
19	DO - Management Services	12009.1	1/31/2014	Information Technology Specialist I	20	FY20
20	DO - Management Services	16446	8/2/2012	Information Technology Specialist III	26	FY20
21	DO - Water and Waste Water Management	6580	1/1/2018	Manager II	M2	FY20
22	WMCP - Watershed Restoration and Capital Projects	6582	5/11/2018	Manager III	M3	FY20

**ATTACHMENT D**

<b>Department of Environmental Protection</b>		
<b>General Fund - CE Recommended Operating Budget - FY20</b>		
	<b>FY20 CE</b>	
	<b>Recommended</b>	
Prof. Purchase Of Service - Tree Canopy Law trees (restricted funds)	\$	500,000
Conservation Corps Contract (50%)		287,087
Prof. Purchase Of Service - Office of Sustainability		125,598 (Note A)
Assigned Motor Pool Vehicles		52,350
Computer Equipment, Software, Repairs, and Supplies		15,735
Communication Charges (Landline and Cell Phones)		8,500
Central Duplicating Chargebacks (Postage, Mail & Inter-Office Pony charges)		7,623
Tree Maintenance Services - Gypsy Moth surveys		7,800
Supplies, Equipment & Materials (Environmental Compliance)		6,700 (Note B)
Supplies, Equipment & Materials (all other General-funded programs)		4,056
Office Supplies (including paper)		3,705
Professional/Licensure/Occupational Health & Safety Training		2,550 (Note C)
Local & Non-Local Travel, Professional Memberships		2,300
Advertising - Legal Compliance (Noise Waiver, Quarry License Ads, Public Hearings)		2,500
Copier Leases		2,000
Uniforms & Shoes (Union Required)		800
Advertising - Jobs		500
Other - Boards/Commissions/Committee Expenditures		200
<b>TOTAL OPERATING EXPENSE</b>	<b>\$</b>	<b>1,030,004</b>
<b>Note A - Includes support for commercial energy programs (including benchmarking, C-PACE, Green Bank) and residential energy programs; green business programs; climate programs; sustainable landscaping/organic lawn care programs; and outreach and education activities related to these and other DEP activities.</b>		
<b>Note B - Items needed in the performance of field duties. Example include: Spill absorbent, personal protective equipment, water testing kits, tools and materials for IDDE (Illicit Discharge and Elimination).</b>		
<b>Note C - DEPC Field staff are required to attend training classes to maintain their Environmental Health Specialist License, Hazwoper (Hazardous Waste Operations and Emergency Response) Certification, and Visible Emissions Certification.</b>		

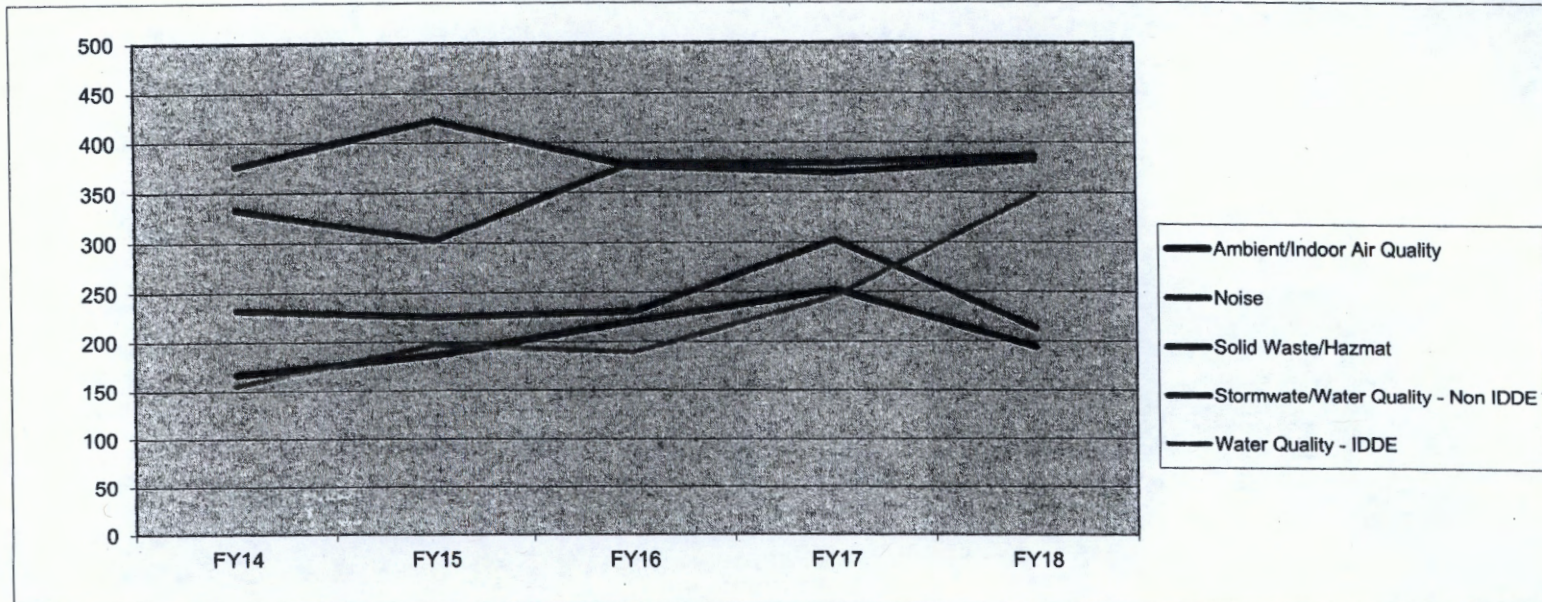


**Compliance Cases  
FY14 - FY18**

Type	Fund	FY14	FY15	FY16	FY17	FY18	Total	FY14	FY15	FY 16	FY17	FY18	Total
Ambient Air	GF	112	131	136	176	126	681	7.5%	8.6%	8.6%	10.3%	7.5%	8.5%
Indoor Air	GF	54	55	84	76	68	337	3.6%	3.6%	5.3%	4.4%	4.0%	4.2%
Noise	GF	333	302	379	379	387	1,780	22.2%	19.8%	23.9%	22.2%	23.0%	22.3%
Solid Waste	SW	352	387	352	348	361	1,800	23.5%	25.3%	22.2%	20.4%	21.5%	22.5%
Hazmat	SW	24	35	24	21	21	125	1.6%	2.3%	1.5%	1.2%	1.2%	1.6%
Stormwater	WQ	125	131	145	185	130	716	8.4%	8.6%	9.2%	10.8%	7.7%	9.0%
Water Quality - Non IDDE	WQ	107	94	85	117	83	486	7.1%	6.2%	5.4%	6.9%	4.9%	6.1%
Water Quality - IDDE	WQ	155	197	189	245	347	1,133	10.4%	12.9%	11.9%	14.3%	20.6%	14.2%
PIA	GF	235	195	189	161	158	938	15.7%	12.8%	11.9%	9.4%	9.4%	11.7%
<b>Total</b>		<b>1,497</b>	<b>1,527</b>	<b>1,583</b>	<b>1,708</b>	<b>1,681</b>	<b>7,996</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

The following consolidated case categories are displayed graphically below:

Consolidated Case Types	Fund	FY14	FY15	FY16	FY17	FY18	Total	FY14	FY15	FY16	FY17	FY18	Total
Ambient/Indoor Air Quality	GF	166	186	220	252	194	1,018	11.1%	12.2%	13.9%	14.8%	11.5%	12.7%
Noise	GF	333	302	379	379	387	1,780	22.2%	19.8%	23.9%	22.2%	23.0%	22.3%
Solid Waste/Hazmat	SW	376	422	376	369	382	1,925	25.1%	27.6%	23.8%	21.6%	22.7%	24.1%
Stormwater/Water Quality - Non IDDE	WQ	232	225	230	302	213	1,202	15.5%	14.7%	14.5%	17.7%	12.7%	15.0%
Water Quality - IDDE	WQ	155	197	189	245	347	1,133	10.4%	12.9%	11.9%	14.3%	20.6%	14.2%
<b>Total</b>		<b>1,262</b>	<b>1,332</b>	<b>1,394</b>	<b>1,547</b>	<b>1,523</b>	<b>7,058</b>	<b>84.3%</b>	<b>87.2%</b>	<b>88.1%</b>	<b>90.6%</b>	<b>90.6%</b>	<b>88.3%</b>



ATTACHMENT K

Water Quality Protection Fund (WQPF)				
WQPF Analysis of Budget Changes by Program FY19-20				
	FY19	FY20	Increase (Decrease)	Notes
<b>Department of Environmental Protection</b>				
<b>PERSONNEL COSTS</b>	\$ 6,187,913	\$ 6,600,441	\$ 412,528	Miscellaneous personnel compensation adjustments (life insurance, retirement, etc.). Also includes two new positions - Accountant/Auditor III (1.0 FTE) and Planning Technician (.5 FTE)
<b>OPERATING COSTS</b>				
SWM Facility Inspection Services	2,341,422	2,341,422	-	
SWF Maintenance	6,145,894	5,895,894	(250,000)	Reallocation to provide for Anacostia Trash Trap
Low-Impact Development: Residential	431,495	431,495	-	
Water Restoration Grant Program for Non-Profits	400,000	400,000	-	
Targeted Streetsweeping	231,160	231,160	-	
Watershed Monitoring (Stream Gauges)	498,690	498,690	-	
BMP Monitoring in Special Protection Areas	265,000	265,000	-	
Misc. Stream Restoration Maintenance	88,803	88,803	-	
Water Quality Planning & Monitoring	107,055	138,055	31,000	Move existing budget for COG Monitoring from Outreach to Monitoring program to more closely align similar functions.
MS4 Outreach and Education Programs	205,000	424,000	219,000	Move existing budget for COG Monitoring from Outreach to Monitoring program. Increase \$250,000 to provide for installation and Maintenance of a Trash Trap in Anacostia Watershed.
Office of Sustainability - Tree Program	66,700	66,700	-	
Professional Services for MS4 Support (Drainage Area Delineation)	223,960	223,960	-	
SWM Database	113,320	113,320	-	
Contractual Administrative Support for MS4	21,250	21,250	-	
Lease Space for 255 Rockville Pike	704,651	738,720	34,069	Increased cost of existing space and security costs
General Operating Expenses (Phones, Supplies, etc)	94,306	76,507	(17,799)	
Motor Pool	133,047	150,604	17,557	FY20 motor pool adjustment provided by OMB
Stormwater Management Payments to Municipalities	210,000	246,000	36,000	Increase required due to rate increases by the municipalities
Conservation Corps Contract	-	287,089	287,089	Shift to DEP in FY20 (funding split 50/50 with WQPF)

ATTACHMENT K

<b>Water Quality Protection Fund (WQPF)</b>				
<b>WQPF Analysis of Budget Changes by Program FY19-20</b>				
	<b>FY19</b>	<b>FY20</b>	<b>Increase (Decrease)</b>	<b>Notes</b>
<b>Department of Finance</b>				
Personnel Costs - Costs related to Bag Tax Collection	119,672	121,740	2,068	
Personnel Costs - Costs related to collection of WQPC	649,235	627,400	(21,835)	Net adjustment to Finance chargeback related to Property Tax billing which is based on the number property tax bills that included a line item for the WQPC for Levy Year 2017 (FY18).
Operating Costs - Costs related to collection of WQPC	190,745	210,600	19,855	
<b>Office of Agriculture</b>				
Personnel Costs - for Soil Conservation District	227,718	241,902	14,184	Miscellaneous personnel compensation adjustments
Operating Costs - for Soil Conservation District	97,997	120,000	22,003	Increase to bring OE chargeback to original CC approved level
<b>Department of Transportation</b>				
Personnel Costs - Storm Drain Maintenance	2,355,840	2,374,179	18,339	Miscellaneous personnel compensation adjustments
Operating Costs - Storm Drain Maintenance	1,747,982	1,747,982	-	
Operating Costs - Streetsweeping	350,000	350,000	-	
<b>M-NCPPC</b>				
M-NCPPC Water Quality Activities - Parks	3,344,909	3,422,473	77,564	Increase requested by M-NCPPC
M-NCPPC Water Quality Activities - Planning	391,700	403,500	11,800	Increase requested by M-NCPPC
<b>Subtotal - WQPF Operating Budget</b>	<b>\$ 27,945,464</b>	<b>\$ 28,858,886</b>	<b>\$ 913,422</b>	
<b>WQPF Cash Transferred to CIP</b>				
DEP Capital Improvements Projects	3,825,000	2,126,000	(1,699,000)	Changes to CIP funding based on updated progress towards meeting the County's MS4 permit
DOT Capital Improvements Projects	290,000	1,102,000	812,000	WQPC cash needed for CIP planning costs above MDE Loan limits
MNCPPC Capital Improvements Projects	975,000	-	(975,000)	FY19 was one-time WQPC cash transfer to M-NCPPC while M-NCPPC secures long-term financing
<b>Subtotal - WQPF Cash Transferred to CIP</b>	<b>5,090,000</b>	<b>3,228,000</b>	<b>(1,862,000)</b>	
<b>Total Use of WQPF Resources</b>	<b>\$ 33,035,464</b>	<b>\$ 32,086,886</b>	<b>\$ (948,578)</b>	
<b>Transfer to Debt Service Fund</b>	<b>\$ 6,146,000</b>	<b>\$ 6,361,900</b>	<b>\$ 215,900</b>	Increase related to new MDE WQSRF Loan Financing for CIP to begin FY20

(F)



## Carry Out Bag Tax Summary - Montgomery County

FY 19	Monthly Totals		Annual Cumulative Totals		Cumulative From Inception		Registered Retailers	ACH Returns	
	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count		Monthly	Cumulative from Inception
Jun 2019	\$ -	-	\$ -	-	\$ -	-	-	\$ -	\$ -
May 2019	\$ -	-	\$ -	-	\$ -	-	-	\$ -	\$ -
Apr 2019	\$ -	-	\$ -	-	\$ -	-	-	\$ -	\$ -
Mar 2019	\$ 192,380	4,809,506	\$ 1,936,223	48,405,577	\$ 17,754,205	443,855,280	1,557	\$ 396.76	\$ 173,54
Feb 2019	\$ 211,644	5,291,116	\$ 1,743,843	43,596,071	\$ 17,561,825	439,045,774	1,554	\$ 245.92	\$ 173,14
Jan 2019	\$ 298,996	7,474,901	\$ 1,532,199	38,304,955	\$ 17,350,181	433,754,658	1,546	\$ 462.52	\$ 172,89
Dec 2018	\$ 205,551	5,138,772	\$ 1,233,203	30,830,054	\$ 17,051,185	426,279,757	1,544	\$ 111.88	\$ 172,43
Nov 2018	\$ 196,838	4,920,938	\$ 1,027,652	25,691,282	\$ 16,845,634	421,140,985	1,542	\$ 465.60	\$ 172,32
Oct 2018	\$ 226,528	5,663,200	\$ 830,814	20,770,344	\$ 16,648,796	416,220,047	1,533	\$ 164.24	\$ 171,85
Sep 2018	\$ 184,771	4,619,273	\$ 604,286	15,107,144	\$ 16,422,268	410,556,847	1,537	\$ 1,154.96	\$ 171,69
Aug 2018	\$ 195,563	4,889,082	\$ 419,515	10,487,871	\$ 16,237,497	405,937,574	1,530	\$ 10,528.32	\$ 170,54
Jul 2018	\$ 223,952	5,598,789	\$ 223,952	5,598,789	\$ 16,041,934	401,048,492	1,520	\$ 1,401.12	\$ 160,01
YTD →	\$ 1,936,223	48,405,577						\$ 14,931.32	← YTD

FY 18	Monthly Totals		Annual Cumulative Totals		Cumulative From Inception		Registered Retailers	ACH Returns	
	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count		Monthly	Cumulative from Inception
Jun 2018	\$ 198,160	4,954,005	\$ 2,571,774	64,294,280	\$ 15,817,982	395,449,703	1,511	\$ 5,241.28	\$ 158,610.
May 2018	\$ 195,231	4,880,785	\$ 2,373,614	59,340,275	\$ 15,619,822	390,495,698	1,517	\$ 1,537.68	\$ 153,369.
Apr 2018	\$ 218,301	5,457,514	\$ 2,178,383	54,459,490	\$ 15,424,591	385,614,913	1,513	\$ 3,183.88	\$ 151,831.
Mar 2018	\$ 214,986	5,374,635	\$ 1,960,082	49,001,976	\$ 15,206,290	380,157,399	1,507	\$ -	\$ 148,647.
Feb 2018	\$ 203,688	5,092,187	\$ 1,745,096	43,627,341	\$ 14,991,304	374,782,764	1,500	\$ 412.40	\$ 148,647.
Jan 2018	\$ 278,472	6,961,791	\$ 1,541,408	38,535,154	\$ 14,787,616	369,690,577	1,497	\$ 343.40	\$ 148,235.
Dec 2017	\$ 207,241	5,181,025	\$ 1,262,936	31,573,363	\$ 14,509,144	362,728,786	1,487	\$ 92.72	\$ 147,892.
Nov 2017	\$ 196,485	4,912,117	\$ 1,055,695	26,392,338	\$ 14,301,903	357,547,761	1,483	\$ 52.04	\$ 147,799.
Oct 2017	\$ 220,725	5,518,120	\$ 859,210	21,480,221	\$ 14,105,418	352,635,644	1,475	\$ 977.68	\$ 147,747.
Sep 2017	\$ 207,055	5,176,370	\$ 638,485	15,962,101	\$ 13,884,693	347,117,524	1,476	\$ 146.00	\$ 146,769.
Aug 2017	\$ 202,522	5,063,036	\$ 431,430	10,785,731	\$ 13,677,638	341,941,154	1,469	\$ 48.68	\$ 146,623.
Jul 2017	\$ 228,908	5,722,695	\$ 228,908	5,722,695	\$ 13,475,116	336,878,118	1,466	\$ 370.28	\$ 146,575.
YTD →	\$ 2,571,774	64,294,280						\$ 12,406.04	← YTD

FY 17	Monthly Totals		Annual Cumulative Totals		Cumulative From Inception		Registered Retailers	ACH Returns	
	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count		Monthly	Cumulative from Inception
Jun 2017	\$ 201,779	5,044,471	\$ 2,607,001	65,175,052	\$ 13,246,208	331,155,423	1,463	\$ 579.04	\$ 146,204.7
May 2017	\$ 201,012	5,025,296	\$ 2,405,222	60,130,581	\$ 13,044,429	326,110,952	1,458	\$ 21.24	\$ 145,625.7
Apr 2017	\$ 253,432	6,335,813	\$ 2,204,210	55,105,285	\$ 12,843,417	321,085,656	1,448	\$ 187.20	\$ 145,604.4
Mar 2017	\$ 189,639	4,740,975	\$ 1,950,778	48,769,472	\$ 12,589,985	314,749,843	1,440	\$ 46.72	\$ 145,417.2
Feb 2017	\$ 187,608	4,690,196	\$ 1,761,139	44,028,497	\$ 12,400,346	310,008,868	1,432	\$ 4.52	\$ 145,370.5
Jan 2017	\$ 266,284	6,657,120	\$ 1,573,531	39,338,301	\$ 12,212,738	305,318,672	1,423	\$ 233.12	\$ 145,366.0
Dec 2016	\$ 200,693	5,017,329	\$ 1,307,247	32,681,181	\$ 11,946,454	298,661,552	1,409	\$ -	\$ 145,132.9
Nov 2016	\$ 238,816	5,970,397	\$ 1,106,554	27,663,852	\$ 11,745,761	293,644,223	1,404	\$ 345.64	\$ 145,132.9
Oct 2016	\$ 226,854	5,671,362	\$ 867,738	21,693,455	\$ 11,506,945	287,673,826	1,383	\$ 14,213.80	\$ 144,787.2
Sep 2016	\$ 233,835	5,845,890	\$ 640,884	16,022,093	\$ 11,280,091	282,002,464	1,363	\$ 472.32	\$ 130,573.4
Aug 2016	\$ 198,336	4,958,389	\$ 407,049	10,176,203	\$ 11,046,256	276,156,574	1,324	\$ 534.80	\$ 130,101.1
Jul 2016	\$ 208,713	5,217,814	\$ 208,713	5,217,814	\$ 10,847,920	271,198,185	1,307	\$ 674.20	\$ 129,566.3
YTD →	\$ 2,607,001	65,175,052						\$ 17,312.60	← YTD



## Carry Out Bag Tax Summary - Montgomery County

FY 16	Monthly Totals		Annual Cumulative Totals		Cumulative From Inception		Registered Retailers	ACH Returns	
	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count		Monthly	Cumulative from Inception
Jun 2016	\$ 199,234	4,980,837	\$ 2,480,610	62,015,231	\$ 10,639,207	265,980,371	1,301	\$ 1,003.00	\$ 128,89
May 2016	\$ 189,025	4,725,634	\$ 2,281,375	57,034,394	\$ 10,439,973	260,999,534	1,296	\$ 673.64	\$ 127,88
Apr 2016	\$ 194,711	4,867,787	\$ 2,092,350	52,308,760	\$ 10,250,948	256,273,900	1,290	\$ 1,333.96	\$ 127,21
Mar 2016	\$ 193,156	4,828,901	\$ 1,897,639	47,440,973	\$ 10,056,237	251,406,113	1,286	\$ 17.24	\$ 125,88
Feb 2016	\$ 194,781	4,869,534	\$ 1,704,483	42,612,072	\$ 9,863,081	246,577,212	1,278	\$ 206.44	\$ 125,86
Jan 2016	\$ 267,275	6,681,868	\$ 1,509,702	37,742,538	\$ 9,668,300	241,707,678	1,274	\$ 164.44	\$ 125,65
Dec 2015	\$ 202,890	5,072,251	\$ 1,242,427	31,060,670	\$ 9,401,025	235,025,810	1,270	\$ 8.52	\$ 125,49
Nov 2015	\$ 232,432	5,810,794	\$ 1,039,537	25,988,419	\$ 9,198,135	229,953,559	1,262	\$ 51.60	\$ 125,48
Oct 2015	\$ 194,305	4,857,615	\$ 807,105	20,177,625	\$ 8,965,703	224,142,765	1,262	\$ -	\$ 125,43
Sep 2015	\$ 210,287	5,257,176	\$ 612,800	15,320,010	\$ 8,771,398	219,285,150	1,258	\$ 40,299.52	\$ 125,43
Aug 2015	\$ 194,477	4,861,927	\$ 402,513	10,062,834	\$ 8,561,111	214,027,974	1,253	\$ 433.16	\$ 85,13
Jul 2015	\$ 208,036	5,200,907	\$ 208,036	5,200,907	\$ 8,366,634	209,166,047	1,251	\$ 203.88	\$ 84,70
YTD →	\$ 2,480,609	62,015,231						\$ 44,395.40	← YTD

FY 15	Monthly Totals		Annual Cumulative Totals		Cumulative From Inception		Registered Retailers	ACH Returns	
	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count		Monthly	Cumulative from Inception
Jun 2015	\$ 202,749	5,068,727	\$ 2,492,623	62,315,660	\$ 8,158,598	203,965,140	1,249	\$ 317.52	\$ 84,496.
May 2015	\$ 182,452	4,561,306	\$ 2,289,874	57,248,428	\$ 7,955,849	198,896,413	1,244	\$ -	\$ 84,179.
Apr 2015	\$ 203,494	5,087,351	\$ 2,107,422	52,687,122	\$ 7,773,397	194,335,107	1,236	\$ 341.12	\$ 84,179.
Mar 2015	\$ 200,416	5,010,418	\$ 1,903,927	47,599,771	\$ 7,569,903	189,247,756	1,231	\$ 25,226.08	\$ 83,838.1
Feb 2015	\$ 200,918	5,022,930	\$ 1,703,512	42,589,353	\$ 7,369,487	184,237,338	1,228	\$ 61.64	\$ 58,612.0
Jan 2015	\$ 264,976	6,624,411	\$ 1,502,593	37,566,423	\$ 7,168,569	179,214,408	1,224	\$ 245.04	\$ 58,550.4
Dec 2014	\$ 200,275	5,006,886	\$ 1,237,617	20,103,937	\$ 6,903,593	172,589,997	1,217	\$ 182.64	\$ 58,305.3
Nov 2014	\$ 234,177	5,854,449	\$ 1,037,341	25,935,126	\$ 6,703,318	167,583,111	1,210	\$ 1,067.20	\$ 58,122.7
Oct 2014	\$ 199,286	4,982,131	\$ 803,165	20,079,182	\$ 6,469,141	161,728,662	1,202	\$ 1,137.72	\$ 57,055.5
Sep 2014	\$ 210,782	5,269,627	\$ 603,879	15,097,051	\$ 6,269,855	156,746,531	1,191	\$ 893.84	\$ 55,917.8
Aug 2014	\$ 192,245	4,806,133	\$ 393,097	9,827,424	\$ 6,059,073	151,476,904	1,188	\$ 20.28	\$ 55,023.9
Jul 2014	\$ 200,851	5,021,291	\$ 200,851	5,021,291	\$ 5,866,828	146,670,771	1,185	\$ 163.92	\$ 55,003.6
YTD →	\$ 2,492,621	62,315,660						\$ 29,657.00	← YTD

FY 14	Monthly Totals		Annual Cumulative Totals		Cumulative From Inception		Registered Retailers	ACH Returns	
	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count		Monthly	Cumulative from Inception
Jun 2014	\$ 195,170	4,879,260	\$ 2,408,197	60,204,988	\$ 5,665,977	141,649,480	1,175	\$ 165.40	\$ 54,839.7
May 2014	\$ 180,298	4,507,450	\$ 2,213,027	55,325,728	\$ 5,470,807	136,770,220	1,168	\$ 1,356.24	\$ 54,674.3
Apr 2014	\$ 196,878	4,921,944	\$ 2,032,729	50,818,278	\$ 5,290,509	132,262,770	1,165	\$ 9,784.96	\$ 53,318.1
Mar 2014	\$ 181,601	4,540,034	\$ 1,835,851	45,896,334	\$ 5,093,631	127,340,826	1,160		
Feb 2014	\$ 198,629	4,965,737	\$ 1,654,250	41,356,300	\$ 4,912,030	122,800,792	1,149		
Jan 2014	\$ 253,646	6,341,153	\$ 1,455,621	36,390,563	\$ 4,713,401	117,835,055	1,141		
Dec 2013	\$ 197,733	4,943,337	\$ 1,201,975	30,049,410	\$ 4,459,755	111,493,902	1,136		
Nov 2013	\$ 230,424	5,760,612	\$ 1,004,242	25,106,073	\$ 4,262,022	106,550,565	1,131		
Oct 2013	\$ 189,683	4,742,076	\$ 773,818	19,345,461	\$ 4,031,598	100,789,953	1,122		
Sep 2013	\$ 198,134	4,953,366	\$ 584,135	14,603,385	\$ 3,841,915	96,047,877	1,117		
Aug 2013	\$ 191,181	4,779,530	\$ 386,001	9,650,019	\$ 3,643,781	91,094,511	1,108		
Jul 2013	\$ 194,820	4,870,489	\$ 194,820	4,870,489	\$ 3,452,600	86,314,981	1,100		
YTD →	\$ 2,408,197	60,204,988						\$ 11,306.60	← YTD



## Carry Out Bag Tax Summary - Montgomery County

FY 13	Monthly Totals		Annual Cumulative Totals		Cumulative From Inception		Registered Retailers	ACH Returns	
	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count		Monthly	Cumulative from Inception
Jun 2013	\$ 185,421	4,635,515	\$ 2,389,692	59,742,301	\$ 3,257,780	81,444,492	1,088	\$ 34,923.84	\$ 43,53
May 2013	\$ 188,630	4,715,759	\$ 2,204,271	55,106,786	\$ 3,072,359	76,808,977	1,070		
Apr 2013	\$ 198,635	4,965,887	\$ 2,015,641	50,391,027	\$ 2,883,729	72,093,218	1,058		
Mar 2013	\$ 178,768	4,469,208	\$ 1,817,005	45,425,140	\$ 2,685,094	67,127,331	1,044		
Feb 2013	\$ 198,965	4,974,101	\$ 1,638,238	40,955,932	\$ 2,506,326	62,658,123	1,032		
Jan 2013	\$ 246,783	6,169,560	\$ 1,439,274	35,981,831	\$ 2,307,361	57,684,022	1,011		
Dec 2012	\$ 188,687	4,717,186	\$ 1,192,490	29,812,271	\$ 2,060,578	51,514,462	979		
Nov 2012	\$ 238,853	5,971,313	\$ 1,003,804	25,095,085	\$ 1,871,891	46,797,276	954		
Oct 2012	\$ 194,896	4,872,418	\$ 764,950	19,123,772	\$ 1,633,038	40,825,963	942		
Sep 2012	\$ 187,609	4,690,223	\$ 570,054	14,251,354	\$ 1,438,142	35,953,545	928		
Aug 2012	\$ 185,764	4,644,102	\$ 382,445	9,561,131	\$ 1,250,533	31,263,322	910		
Jul 2012	\$ 196,682	4,917,029	\$ 196,682	4,917,029	\$ 1,064,769	26,619,220	891		
YTD →	\$ 2,389,693	59,742,301						\$ 34,923.84	← YTD

FY 12	Monthly Totals		Annual Cumulative Totals		Cumulative From Inception		Registered Retailers	ACH Returns	
	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count	Total \$ Amount	Total Bag Count		Monthly	Cumulative from Inception
Jun 2012	\$ 218,045	5,451,117	\$ 868,087	21,702,191	\$ 868,087	21,702,191	851	\$ 8,609.32	\$ 8,609.32
May 2012	\$ 167,765	4,194,133	\$ 650,042	16,251,074	\$ 650,042	16,251,074	802		
Apr 2012	\$ 167,977	4,199,422	\$ 482,277	12,056,941	\$ 482,277	12,056,941	745		
Mar 2012	\$ 160,354	4,008,861	\$ 314,300	7,857,519	\$ 314,300	7,857,519	665		
Feb 2012	\$ 153,946	3,848,658	\$ 153,946	3,848,658	\$ 153,946	3,848,658	547		
YTD →	\$ 868,087	21,702,191						\$ 8,609.32	← YTD