
Environmental Protection

MISSION STATEMENT

The mission of the Department of Environmental Protection (DEP) is to improve the quality of life in our community through conservation, protection, and restoration of natural resources guided by the principles of science, sustainability, and stewardship; and to provide solid waste management services, including reducing, reusing, and recycling waste in an environmentally progressive and economically sound manner.

BUDGET OVERVIEW

The total recommended FY15 Operating Budget for the Department of Environmental Protection is \$21,552,438, an increase of \$991,280 or 4.8 percent from the FY14 Approved Budget of \$20,561,158. Personnel Costs comprise 42.0 percent of the budget for 85 full-time positions and two part-time positions, and a total of 92.88 FTEs. Total FTEs may include seasonal or temporary positions and may also reflect workforce charged to or from other departments or funds. Operating Expenses and Capital Outlay account for the remaining 58.0 percent of the FY15 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 \$3,019,200 for Water Quality Protection bonds is required.

LINKAGE TO COUNTY RESULT AREAS

While this program area supports all eight of the County Result Areas, the following are emphasized:

- ❖ ***A Responsive, Accountable County Government***
- ❖ ***Healthy and Sustainable Neighborhoods***

DEPARTMENT PERFORMANCE MEASURES

Performance measures for this department are included below, with multi-program measures displayed at the front of this section and program-specific measures shown with the relevant program. The FY14 estimates reflect funding based on the FY14 approved budget. The FY15 and FY16 figures are performance targets based on the FY15 recommended budget and funding for comparable service levels in FY16.

ACCOMPLISHMENTS AND INITIATIVES

- ❖ ***Designed, began construction, or completed construction on 3,200 acres of impervious area of the 4,300 acre goal associated with the County's current MS4 permit.***
- ❖ ***Restored over 6,588 linear feet of degraded stream channels in Cabin John Creek and Northwest Branch watersheds.***
- ❖ ***Completed the implementation of 30 stormwater management practices in Rock Creek, Great Seneca Creek and Sligo Creek watersheds.***
- ❖ ***Accepted over 1,800 new Environmental Site Design practices and 1,050 stormwater management facilities (600 underground and 450 aboveground) for inclusion in the Stormwater Management Facility Inspection Program.***
- ❖ ***Approved 113 RainScapes rewards projects and constructed 14 neighborhood rain gardens and conducted RainScapes program training for over 230 people.***
- ❖ ***In addition to the funding for this department, the recommended budget includes grants to our community partners for environmental protection. Community organizations augment and supplement government programs by providing services such as green and sustainable business practices. These community organizations are critical to an effective network of services and are often able to provide these services in a more cost-effective, culturally appropriate, and flexible way than County Government. They also are able to leverage community resources that may be unavailable to County Government. For details, please see Community Grants: County Executive in the Non-Departmental Accounts section.***

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- ❖ **Initiated partnerships with six watershed groups for watershed-specific 'Do Not Pollute' storm drain markers. Over 1,200 markers have been installed.**
 - ❖ **Enhanced the Water Quality Protection Charge (WQPC) billing process through a new link from the online property tax bill to the new WQPC external web page, which shows detailed impervious data and imagery by property.**
 - ❖ **Partnered with the Department of Economic Development to create the Green Investor Incentive Program legislation designed to attract the next generation of green businesses.**
 - ❖ **Launched the Green Landscape Business Certification Program to help address the County's water quality and other environmental goals; nine landscape businesses have been certified to date.**
 - ❖ **Partnered with the Montgomery County Chamber of Commerce to launch the Green Business Forum, a quarterly discussion on issues related to greening business operations and the green economy.**
 - ❖ **Expanded social media outreach with the development of a "My Green Montgomery" Twitter feed and a YouTube Channel.**
 - ❖ **Launched a pilot project in the Rock Creek Watershed to provide outreach and pet waste management stations and to evaluate effectiveness in reducing bacteria and nutrients from three privately owned community common areas.**
 - ❖ **Initiated the Credit and Hardship programs and grants to Homeowner Associations (HOAs) on July 1, 2013 in accordance with the new WQPC legislation.**
 - ❖ **Led efforts to pass tree canopy legislation to protect and increase the amount of tree canopy through planting following development.**
 - ❖ **Conducted a comprehensive Glen Hills Area Sanitary Study.**
 - ❖ **Productivity Improvements**
 - **Established a flow monitoring gauge on Ten Mile Creek to obtain on-line and real-time data, which is used to evaluate trends in flow patterns and volumes as land use changes in the watershed reducing the dependency on staffing resources.**
 - **Provided stream resource data and staff technical support to the US Environmental Protection Agency (EPA) for two workshops to begin development of a Biological Condition Gradient (BCG) for local streams. The BCG will provide greater accuracy than the currently used Index of Biological Integrity (IBI) for detecting trends in stream biological health.**
 - **Enhanced outreach/education efforts through the Stream Stewards volunteers who helped conduct workshops and have donated 683.5 hours of volunteer time, an equivalent of \$15,760 of service value.**
 - **Supplemented stream monitoring staff by enlisting and training 13 volunteer interns who completed 347 laboratory hours and 715 hours of stream resource condition monitoring.**
 - **Incorporated electronic tools for more accurate and timely entry of data during illicit discharge and detection monitoring.**
 - **Incorporated an automatic link from MC311 to the Enforcement Case Management system to pull data entered by MC311 operators to create cases. This saves data entry efforts, as well as automatically updates MC311 status as the cases are updated.**

PROGRAM CONTACTS

Contact Vicky Wan of the Department of Environmental Protection at 240.777.7722 or Matt Schaeffer of the Office of Management and Budget at 240.777.2751 for more information regarding this department's operating budget.

PROGRAM DESCRIPTIONS

Watershed Management

This program supports watershed-based monitoring, planning, policy development, and project implementation activities designed to achieve County stream protection goals (Chapter 19, Article IV) and comply with the federal Clean Water Act NPDES Municipal Separate Storm Sewer System (MS-4) permit. In combination with the stormwater management projects in the Capital Improvements Program, this program's goal is to provide stormwater treatment for 4,300 acres of impervious area by 2015. Program staff conduct 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 four designated "Special Protection Areas" (Chapter 19, Article IV).

Program staff manage, inspect, and enforce the operational effectiveness of over 4,400 stormwater management facilities which receive stormwater runoff discharge and are designed to protect County streams. The Department is also responsible for the structural maintenance of over 2,000 of these facilities.

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 in the cities of Gaithersburg, Rockville, and Takoma Park.

Program Performance Measures	Actual FY12	Actual FY13	Estimated FY14	Target FY15	Target FY16
County Watershed Stream Quality Index of Biological Integrity (IBI) Score ¹	56.5%	58.2%	58.9%	59.5%	60.2%
Percent of the phosphorous pollution reduction goal met ²	2.26%	4.17%	7.72%	55.05%	57.53%
Percent of the nitrogen pollution reduction goal met ³	0.84%	1.58%	2.86%	29.29%	44.65%
Percent of the impervious acreage control goal met ⁴	2.53%	6.3%	9.7%	59.6%	100%
Stormwater Facility Maintenance Compliance Rate ⁵	87%	85.6%	87.1%	87.2%	87.2%

¹ The Index of Biological Integrity (IBI) score classifies watersheds by the diversity of stream life and other factors. Higher scores indicate a healthier watershed. This data is compiled on a calendar year basis.

² Change from FY14 to FY15 due to significant increases in County stormwater management projects.

³ Change from FY14 to FY15 due to significant increases in County stormwater management projects.

⁴ Change from FY14 to FY15 due to significant increases in County stormwater management projects.

⁵ Percentage of private and County-owned stormwater facilities that have complied with the inspection report and/or maintenance notification work order detailing the repairs and/or maintenance needed for the stormwater facility.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	18,992,327	81.39
Enhance: Maintenance of New and Newly Transferred Stormwater Facilities	356,100	0.00
Increase Cost: Maintenance Cost for Low Impact Development (LID) CIP Projects	317,000	0.00
Increase Cost: M-NCPPC Parks Department Stormwater Management Facility Maintenance Program	276,900	0.00
Enhance: Inspections of New Stormwater and Environmental Site Design (ESD) Facilities Added to the Inventory	258,720	0.00
Increase Cost: FY15 Compensation Adjustment	201,412	0.00
Increase Cost: Annualization of Personnel Costs	99,224	-0.10
Increase Cost: Inspection and Maintenance Contract Costs	91,251	0.00
Increase Cost: Charges from Other Departments	83,791	0.00
Increase Cost: Annual Anacostia Trash Monitoring and Reporting	30,000	0.00
Increase Cost: Senior Engineer - MS4 Permit Support - Operating Expenses (Position Charged to CIP)	29,697	0.00
Increase Cost: Senior Engineer - MS4 Permit Support - Operating Expenses (Position Charged to CIP)	29,697	0.00
Increase Cost: Motor Pool Rate Adjustment	29,568	0.00
Increase Cost: 255 Rockville Pike Lease	24,940	0.00
Increase Cost: MS4 Permit Support - Contractual Services	21,250	0.00
Increase Cost: Streetsweeping	20,000	0.00
Increase Cost: Retirement Adjustment	15,531	0.00
Increase Cost: Group Insurance Adjustment	8,938	0.00
Increase Cost: Printing and Mail	1,742	0.00
Decrease Cost: Annualization of FY14 Operating Expenses	-99,224	0.00
Decrease Cost: Homeowner Association Roads Credit Program	-150,000	0.00
Decrease Cost: Elimination of One-Time Items Approved in FY14	-200,000	0.00
Decrease Cost: Maintenance of Underground Facilities Due to Implementation of New Maintenance Protocol.	-528,680	0.00
FY15 CE Recommended	19,910,184	81.29

Environmental Policy and Compliance

This program develops and implements scientifically-based, integrated programs which protect and enhance the County's environmental resources and promotes sustainable practices by the County government, businesses, and residents. The division develops, analyzes, and enforces policies, programs, and regulations related to air quality (ambient and indoor), water quality and

stormwater management, energy conservation, forest and tree resources, noise control, pollution prevention, and sustainability efforts. The division is also 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 FY12	Actual FY13	Estimated FY14	Target FY15	Target FY16
Average Number of Days to Resolve Incoming Complaints	40	26	36	36	36
Percent of Customers Satisfied with DEP Response to Environmental Complaints	71.4	70.8%	71%	71%	71%
Residential Building Energy Use as a Measure of Greenhouse Gas Reductions (Million British Thermal Units) ¹					
Non-Residential Building Energy Use as a Measure of Greenhouse Gas Reductions (Million British Thermal Units) ²					

¹ This measure is under construction. Data is being updated based on new information made available to DEP from data collected by Finance as part of the County's Fuel Energy Tax.

² This measure is under construction. Data is being updated based on new information made available to DEP from data collected by Finance as part of the County's Fuel Energy Tax.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	798,348	6.44
Add: Tree Canopy Conservation - Tree Purchases and Planting Activities	50,000	0.00
Increase Cost: Motor Pool Rate Adjustment	6,249	0.00
Decrease Cost: Elimination of One-Time Items Approved in FY14	-40,000	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.	-5,131	0.00
FY15 CE Recommended	809,466	6.44

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, development of the State-required Montgomery County Comprehensive Water Supply and Sewerage System Plan, and development and implementation of the County groundwater strategy (which focuses on water quality and water supply aspects of groundwater resources). The technical experts in this program work to ensure that the County's management of water and wastewater protects public health and the environment. Additional activities in the Director's Office include budget development and administration; contract management; human resources management; management of the Water Quality Protection Charge including geographical information systems and information technology services.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	770,483	5.05
Increase Cost: Printing and Mail	1,660	0.00
Decrease Cost: Annualization of FY14 Personnel Costs	-1,047	0.10
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	61,692	0.00
FY15 CE Recommended	832,788	5.15

BUDGET SUMMARY

	Actual FY13	Budget FY14	Estimated FY14	Recommended FY15	% Chg Bud/Rec
COUNTY GENERAL FUND					
EXPENDITURES					
Salaries and Wages	960,782	1,012,022	974,751	1,063,458	5.1%
Employee Benefits	373,540	377,938	365,482	382,016	1.1%
County General Fund Personnel Costs	1,334,322	1,389,960	1,340,233	1,445,474	4.0%
Operating Expenses	155,504	178,871	138,871	196,780	10.0%
Capital Outlay	0	0	0	0	—
County General Fund Expenditures	1,489,826	1,568,831	1,479,104	1,642,254	4.7%
PERSONNEL					
Full-Time	40	40	40	40	—
Part-Time	1	1	1	1	—
FTEs	11.49	11.49	11.49	11.59	0.9%
REVENUES					
Other Charges/Fees	2,008,407	140,000	140,000	91,000	-35.0%
Other Fines/Forfeitures	9,935	16,000	16,000	10,000	-37.5%
Other Licenses/Permits	9,275	4,000	4,000	9,000	125.0%
Tree Canopy	0	0	0	50,000	—
County General Fund Revenues	2,027,617	160,000	160,000	160,000	—
GRANT FUND MCG					
EXPENDITURES					
Salaries and Wages	0	0	0	0	—
Employee Benefits	0	0	0	0	—
Grant Fund MCG Personnel Costs	0	0	0	0	—
Operating Expenses	2,207,361	0	0	0	—
Capital Outlay	0	0	0	0	—
Grant Fund MCG Expenditures	2,207,361	0	0	0	—
PERSONNEL					
Full-Time	0	0	0	0	—
Part-Time	0	0	0	0	—
FTEs	0.00	0.00	0.00	0.00	—
REVENUES					
Other Intergovernmental	2,765,102	0	0	0	—
Grant Fund MCG Revenues	2,765,102	0	0	0	—
WATER QUALITY PROTECTION FUND					
EXPENDITURES					
Salaries and Wages	5,099,057	5,342,242	5,349,123	5,645,216	5.7%
Employee Benefits	1,697,331	1,854,312	1,856,280	1,960,234	5.7%
Water Quality Protection Fund Personnel Costs	6,796,388	7,196,554	7,205,403	7,605,450	5.7%
Operating Expenses	10,362,721	11,795,773	11,557,150	12,248,734	3.8%
Capital Outlay	0	0	0	56,000	—
Water Quality Protection Fund Expenditures	17,159,109	18,992,327	18,762,553	19,910,184	4.8%
PERSONNEL					
Full-Time	42	42	42	45	7.1%
Part-Time	1	1	1	1	—
FTEs	79.10	81.39	81.39	81.29	-0.1%
REVENUES					
Bag Tax	2,389,644	1,832,000	1,832,000	2,150,000	17.4%
Investment Income	3,516	0	4,400	8,540	—
Water Quality Protection Fee	22,855,040	22,882,420	24,101,094	28,273,690	23.6%
Other Charges/Fees	53,918	0	0	200,000	—
Water Quality Protection Fund Revenues	25,302,118	24,714,420	25,937,494	30,632,230	23.9%
DEPARTMENT TOTALS					
Total Expenditures	20,856,296	20,561,158	20,241,657	21,552,438	4.8%
Total Full-Time Positions	82	82	82	85	3.7%
Total Part-Time Positions	2	2	2	2	—
Total FTEs	90.59	92.88	92.88	92.88	0.0%
Total Revenues	30,094,837	24,874,420	26,097,494	30,792,230	23.8%

FY15 RECOMMENDED CHANGES

	Expenditures	FTEs
COUNTY GENERAL FUND		
FY14 ORIGINAL APPROPRIATION	1,568,831	11.49
<u>Changes (with service impacts)</u>		
Add: Tree Canopy Conservation - Tree Purchases and Planting Activities [Environmental Policy and Compliance]	50,000	0.00
<u>Other Adjustments (with no service impacts)</u>		
Increase Cost: FY15 Compensation Adjustment	49,790	0.00
Increase Cost: Motor Pool Rate Adjustment [Environmental Policy and Compliance]	6,249	0.00
Increase Cost: Retirement Adjustment	4,535	0.00
Increase Cost: Group Insurance Adjustment	2,236	0.00
Increase Cost: Printing and Mail [Administration]	1,660	0.00
Decrease Cost: Annualization of FY14 Personnel Costs [Administration]	-1,047	0.10
Decrease Cost: Elimination of One-Time Items Approved in FY14 [Environmental Policy and Compliance]	-40,000	0.00
FY15 RECOMMENDED:	1,642,254	11.59
WATER QUALITY PROTECTION FUND		
FY14 ORIGINAL APPROPRIATION	18,992,327	81.39
<u>Changes (with service impacts)</u>		
Enhance: Maintenance of New and Newly Transferred Stormwater Facilities [Watershed Management]	356,100	0.00
Enhance: Inspections of New Stormwater and Environmental Site Design (ESD) Facilities Added to the Inventory [Watershed Management]	258,720	0.00
<u>Other Adjustments (with no service impacts)</u>		
Increase Cost: Maintenance Cost for Low Impact Development (LID) CIP Projects [Watershed Management]	317,000	0.00
Increase Cost: M-NCPPC Parks Department Stormwater Management Facility Maintenance Program [Watershed Management]	276,900	0.00
Increase Cost: FY15 Compensation Adjustment [Watershed Management]	201,412	0.00
Increase Cost: Annualization of Personnel Costs [Watershed Management]	99,224	-0.10
Increase Cost: Inspection and Maintenance Contract Costs [Watershed Management]	91,251	0.00
Increase Cost: Charges from Other Departments [Watershed Management]	83,791	0.00
Increase Cost: Annual Anacostia Trash Monitoring and Reporting [Watershed Management]	30,000	0.00
Increase Cost: Senior Engineer - MS4 Permit Support - Operating Expenses (Position Charged to CIP) [Watershed Management]	29,697	0.00
Increase Cost: Senior Engineer - MS4 Permit Support - Operating Expenses (Position Charged to CIP) [Watershed Management]	29,697	0.00
Increase Cost: Motor Pool Rate Adjustment [Watershed Management]	29,568	0.00
Increase Cost: 255 Rockville Pike Lease [Watershed Management]	24,940	0.00
Increase Cost: MS4 Permit Support - Contractual Services [Watershed Management]	21,250	0.00
Increase Cost: Streetsweeping [Watershed Management]	20,000	0.00
Increase Cost: Retirement Adjustment [Watershed Management]	15,531	0.00
Increase Cost: Group Insurance Adjustment [Watershed Management]	8,938	0.00
Increase Cost: Printing and Mail [Watershed Management]	1,742	0.00
Decrease Cost: Annualization of FY14 Operating Expenses [Watershed Management]	-99,224	0.00
Decrease Cost: Homeowner Association Roads Credit Program [Watershed Management]	-150,000	0.00
Decrease Cost: Elimination of One-Time Items Approved in FY14 [Watershed Management]	-200,000	0.00
Decrease Cost: Maintenance of Underground Facilities Due to Implementation of New Maintenance Protocol. [Watershed Management]	-528,680	0.00
FY15 RECOMMENDED:	19,910,184	81.29

PROGRAM SUMMARY

Program Name	FY14 Approved		FY15 Recommended	
	Expenditures	FTEs	Expenditures	FTEs
Watershed Management	18,992,327	81.39	19,910,184	81.29
Environmental Policy and Compliance Administration	798,348	6.44	809,466	6.44
	770,483	5.05	832,788	5.15
Total	20,561,158	92.88	21,552,438	92.88

CHARGES TO OTHER DEPARTMENTS

Charged Department	Charged Fund	FY14		FY15	
		Total\$	FTEs	Total\$	FTEs
WATER QUALITY PROTECTION FUND					
CIP	CIP	2,261,927	21.50	2,681,739	24.20

FUTURE FISCAL IMPACTS

Title	CE REC.			(\$000's)		
	FY15	FY16	FY17	FY18	FY19	FY20
This table is intended to present significant future fiscal impacts of the department's programs.						
COUNTY GENERAL FUND						
Expenditures						
FY15 Recommended	1,642	1,642	1,642	1,642	1,642	1,642
No inflation or compensation change is included in outyear projections.						
Labor Contracts	0	10	10	10	10	10
These figures represent the estimated annualized cost of general wage adjustments, service increments, and associated benefits.						
Subtotal Expenditures	1,642	1,653	1,653	1,653	1,653	1,653
WATER QUALITY PROTECTION FUND						
Expenditures						
FY15 Recommended	19,910	19,910	19,910	19,910	19,910	19,910
No inflation or compensation change is included in outyear projections.						
Labor Contracts	0	50	50	50	50	50
These figures represent the estimated annualized cost of general wage adjustments, service increments, and associated benefits.						
Labor Contracts - Other	0	-7	-7	-7	-7	-7
These figures represent other negotiated items included in the labor agreements.						
Homeowner Association Roads Credit Phased Implementation	0	147	163	190	328	356
These amounts relate to a phased implementation of a Water Quality Protection Charge credit program authorized by Bill 34-12 for Homeowner Association roads.						
Inspections of New Stormwater Management Facilities	0	414	570	726	882	1,037
These figures represent costs associated with the inspection of new above ground and underground stormwater management facilities.						
Maintenance of New and Newly Transferred Stormwater Management Facilities	0	356	356	356	356	356
Expenditures reflect the maintenance requirements of new stormwater management facilities and existing stormwater management facilities that transfer into the County's maintenance program.						
Operating Budget Impacts of Stormwater Management CIP Projects	0	257	466	1,198	1,730	2,246
These figures represent the Operating Budget Impacts of Stormwater Management projects in the FY15-20 CIP.						
Program Growth	0	50	100	150	200	250
These figures represent the anticipated increase of expenditures related to an increase in Water Quality Protection initiatives, including the MS4 program.						
Subtotal Expenditures	19,910	21,178	21,608	22,573	23,449	24,199

FY15-20 PUBLIC SERVICES PROGRAM: FISCAL PLAN		Water Quality Protection Fund					
FISCAL PROJECTIONS	FY14 Estimate	FY15 CE REC	FY16 PROJECTION	FY17 PROJECTION	FY18 PROJECTION	FY19 PROJECTION	FY20 PROJECTION
ASSUMPTIONS							
Indirect Cost Rate	15.69%	15.87%	15.87%	15.87%	15.87%	15.87%	15.87%
CPI (Fiscal Year)	1.62%	2.03%	2.2%	2.5%	2.6%	2.4%	2.3%
Investment Income Yield	0.19%	0.35%	0.95%	1.55%	2.15%	2.85%	3.45%
Number of Equivalent Residential Units (ERUs) Billed	276,588	326,857	372,369	372,369	372,369	372,369	372,369
Water Quality Protection Charge (\$/ERU)	\$88.40	\$88.40	\$88.40	\$92.50	\$98.00	\$125.50	\$131.00
Collection Factor for Charge	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%
BEGINNING FUND BALANCE	7,975,793	7,855,096	10,444,398	4,605,650	1,937,542	4,228,784	9,216,176
REVENUES							
Charges For Services	24,101,094	28,273,690	32,037,830	33,530,910	35,524,700	45,492,650	47,487,440
Bag Tax Receipts	1,832,000	2,150,000	1,720,000	1,376,000	1,100,800	880,640	704,512
Miscellaneous	4,400	208,540	224,420	241,970	261,320	285,620	309,180
Subtotal Revenues	25,937,494	30,632,230	33,982,250	35,148,880	36,886,820	46,658,910	48,501,132
INTERFUND TRANSFERS (Net Non-CIP)							
Transfers To General Fund	(4,213,509)	(4,306,744)	(4,227,230)	(8,409,380)	(8,407,080)	(13,808,180)	(13,998,480)
Transfers To General Fund	(1,196,509)	(1,287,544)	(1,206,980)	(1,206,980)	(1,206,980)	(1,206,980)	(1,206,980)
Indirect Costs	(1,129,140)	(1,206,980)	(1,206,980)	(1,206,980)	(1,206,980)	(1,206,980)	(1,206,980)
Technology Modernization	(67,369)	(80,564)	0	0	0	0	0
Transfers to Debt Service Fund (Non-Tax)	(3,017,000)	(3,019,200)	(3,020,250)	(7,202,400)	(7,200,100)	(12,601,200)	(12,791,500)
TOTAL RESOURCES	29,699,778	34,180,582	40,199,418	31,345,150	30,417,282	37,079,514	43,718,828
CIP CURRENT REVENUE APPROPRIATION PSP OPER. BUDGET APPROP/ EXPS.							
Operating Budget	(1,400,000)	(3,826,000)	(13,926,000)	(6,640,000)	(1,740,000)	(1,840,000)	(1,940,000)
FFI - Inspection of New Facilities	(18,762,553)	(19,910,184)	(20,400,194)	(21,069,334)	(21,785,524)	(22,484,664)	(23,174,734)
FFI - Homeowner Association Roads Credit Phased Implementation	0	0	(414,420)	(570,120)	(725,820)	(881,520)	(1,037,220)
FFI - Maintenance of New and Newly Transferred Facilities	0	0	(147,000)	(163,000)	(190,000)	(328,000)	(356,000)
FFI - Operating Impacts of CIP Projects	0	0	(356,100)	(356,100)	(356,100)	(356,100)	(356,100)
FFI - Program Growth	0	0	(257,000)	(466,000)	(1,198,000)	(1,730,000)	(2,246,000)
FFI - Labor Contracts	0	0	(50,000)	(100,000)	(150,000)	(200,000)	(250,000)
FFI - Labor Contracts	0	0	(43,054)	(43,054)	(43,054)	(43,054)	(43,054)
Subtotal PSP Oper Budget Approp / Exp's	(18,762,553)	(19,910,184)	(21,667,768)	(22,767,608)	(24,448,498)	(26,023,338)	(27,463,108)
OTHER CLAIMS ON FUND BALANCE	(1,682,129)	0	0	0	0	0	0
TOTAL USE OF RESOURCES	(21,844,682)	(23,736,184)	(35,593,768)	(29,407,608)	(26,188,498)	(27,863,338)	(29,403,108)
YEAR END FUND BALANCE	7,855,096	10,444,398	4,605,650	1,937,542	4,228,784	9,216,176	14,315,720
END-OF-YEAR RESERVES AS A PERCENT OF RESOURCES							
	26.4%	30.6%	11.5%	6.2%	13.9%	24.9%	32.7%
NET REVENUE	5,978,432	9,434,502	11,107,502	11,174,292	11,231,342	19,428,592	19,831,044
DEBT SERVICE COVERAGE RATIO	1.98	3.12	3.68	1.55	1.56	1.54	1.55

Assumptions:

1. 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.
2. Stormwater facilities transferred into the maintenance program will be maintained to permit standards as they are phased into the program.
3. Operating costs for new facilities to be completed or transferred, Operating Budget Impacts of Stormwater CIP projects, and Program Growth between FY16 and FY20 have been incorporated in the future fiscal impact (FFI) rows.
4. 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). The actual debt service costs for the Series 2012A bond issuance and projected debt service for bond issuances of \$50 million in FY2016 and a \$65 million bond issuance in FY2018 are included in the fiscal plan. Future WQPC rates are subject to change based on the timing and size of future debt issuance, State Aid, and legislation.
5. Charges are adjusted to fund the planned service program and maintain net revenues sufficient to cover 1.5 times debt service costs.