



Solid Waste Services

Approved FY18 Budget
\$96,543,375

Full Time Equivalents
105.14

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 approved FY18 Operating Budget for the Division of Solid Waste Services is \$96,543,375, an increase of \$4,332,785 or 4.70 percent from the FY17 Approved Budget of \$92,210,590. Personnel Costs comprise 12.46 percent of the budget for 79 full-time position(s) and two part-time position(s), and a total of 105.14 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 87.54 percent of the FY18 budget.

Linkage to County Result Areas

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

- ◆ **Healthy and Sustainable Neighborhoods**
- ◆ **A Responsive, Accountable County 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 FY17 estimates reflect funding based on the FY17 approved budget. The FY18 and FY19 figures are performance targets based on the FY18 approved budget and funding for comparable service levels in FY19.

Initiatives

- ★ DEP initiated several campaigns to improve safety and the overall environment at the transfer station in FY17 including developing site evacuation procedures, completing noise reduction measures for surrounding properties, and improving the security of cash and check handling.
- ★ The Division continued to increase training to staff and the customers they serve with the goal of improving recycling outcomes. This training included contractor training at the Recycling Center to reduce contamination of the recycling stream and performing a door-to-door outreach campaign to improve recycling participation in low-compliance areas and improve neighborhood aesthetics on collection day.

Accomplishments

- ✔ Initiated construction of the infrastructure for processing mixed paper at the Recycling Center, with an approximate cost savings of \$4,000,000.
- ✔ Maintained high level of service quality despite an overall increase in service requests, particularly requests for recycling containers. Delivered all within the Service Level Agreement (SLA). The number of requests for recycling containers in FY16 was 95,702, an SLA Compliance rate of 97%.
- ✔ The Division's Information Technology team refined the existing Solid Waste Customer Billing Database to improve reporting and accuracy of Solid Waste information to customers by improving accuracy of customer bills, electronic messaging to residential customers in real time (i.e. holiday collection, road closures), and the ability of the county to host GIS and test environments through the use of virtual servers.
- ✔ Montgomery County maintains the first yard trim composting facility in the nation to become independently certified as compliant with the new International Organization for Standardization (ISO) 14001 Environmental Management System (EMS) standard.

Innovations and Productivity Improvements

- ✦ The approved budget includes \$100,000 of contractual support to develop options for a food waste collection program in the County. This support will also be used to assist in the development of the Strategic Plan called for in Bill 28-16.
- ✦ DEP has improved transfer station waste bypass operations during FY17 by developing more efficient approaches if future needs for waste bypass arise due to peak waste periods or unanticipated maintenance issues at the RRF or the railroad. In FY17 the Division implemented a mandate that all transportation equipment be compatible with compactors at the Transfer Station causing minimum disruption to operations and reducing waiting times, associated fees, and personnel hours required for loading.

Program Contacts

Contact Patty Bubar of the Division of Solid Waste Services 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

✦ Administration and Support

This program supports the Department's operations, programs, and mission through professional services such as: budget and financial management, program evaluation analysis, contract management, and administrative support. This also includes managing the enterprise fund in a financially sound manner; implementing solid waste policy initiatives; performing financial analysis, revenue forecasting, and solid waste rate settings; processing hauler invoices, tracking and reporting on tonnage and statistical waste generation data; compiling data and reporting for Headline Performance Measures and County Stat and maintaining computer/automation equipment, and related technologies in a cost effective and efficient manner.

Program Performance Measures	Actual FY15	Actual FY16	Estimated FY17	Target FY18	Target FY19
Single-family solid waste charge: System benefit charge, covers the portion of the	214	205.11	205.11	205.11	198.11

Program Performance Measures	Actual FY15	Actual FY16	Estimated FY17	Target FY18	Target FY19
County costs of providing basic solid waste services for single-family waste not covered by disposal and tipping fees (Dollars per household)					

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	3,620,291	20.02
Increase Cost: SWD Administration	59,127	0.00
Increase Cost: Capital Equipment Replacement Schedule - Information Technology and Automation	36,388	0.00
Increase Cost: Information Technology and Automation - server maintenance contractual increase	9,694	0.00
Increase Cost: Charges from the Department of Finance - Disposal Fund	5,566	0.00
Increase Cost: Charges from the Department of Finance - Collection Fund	2,098	0.00
Increase Cost: Program Information Technology and Automation	1,203	0.00
Increase Cost: Administration	471	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.	141,950	0.00
FY18 Approved	3,876,788	20.02

☀ Commercial Recycling

This program provides for mandatory commercial sector recycling and waste reduction for all businesses, as well as the review of recycling and waste reduction plans and annual reports from all large and medium-sized businesses, as well as targeted small businesses. Through this program, technical support, assistance, education, outreach, and training is provided to the commercial sector in the areas of recycling, reuse, buying recycled products, and waste reduction. This program also provides for enforcement of the County's recycling regulations and other requirements of the County Code as they apply to non-residential waste generators. All program initiatives and services also apply to not-for-profit organizations, as well as federal, state, and local government facilities.

Program Performance Measures	Actual FY15	Actual FY16	Estimated FY17	Target FY18	Target FY19
Non-residential recycling (tonnages) ¹	316,455	322,589	334,867	347,759	359,033
Number of site visits to provide recycling assistance to businesses ²	10,362	9,812	12,000	12,000	12,000

¹ This reporting is performed on a calendar year basis. CY16 data is estimated.

² Staffing vacancies impacted FY16 performance.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	1,930,017	11.00
Increase Cost: Commercial Recycling	117,853	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.	46,026	0.00
FY18 Approved	2,093,896	11.00

☀ Enforcement

Enforcement provided by the Department of Housing and Community Affairs under this program consists of six related components. Staff respond to resident complaints dealing with: storage and removal of solid waste; illegal solid waste dumping

activities in the County; storage of unregistered vehicles on private property throughout the County; storage of inoperable vehicles on private property; improper screening of dumpsters, particularly those in shopping areas; and control and regulation of weeds throughout the County. The program includes a "Clean or Lien" component, which provides for the removal of dangerous or unsightly trash, perimeter grass, and weeds on properties which the owners have failed to maintain as required. Also under this program, the Department of Environmental Protection provides surface and subsurface environmental compliance monitoring at all County solid waste facilities, and reviews reports of air monitoring of the Resource Recovery Facility (RRF).

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	1,229,322	9.93
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	61,706	0.00
FY18 Approved	1,291,028	9.93

Dickerson Compost Facility

This program includes all processing, transporting, composting, and marketing of yard trim received by the County, including leaves received from the County's Leaf Vacuuming Program. Processing includes grinding brush to produce mulch at the Transfer Station. Transportation is included for hauling leaves and grass from the Transfer Station, located in Derwood, MD to the Composting Facility, located in Dickerson, MD. Composting of all leaves and grass produces a high-quality soil amendment which is sold wholesale as LeafGro in bulk and bagged forms. The budget is net of wholesale receipts.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	5,472,079	1.15
Increase Cost: Capital Equipment Replacement Schedule - Compost Facility	2,304,114	0.00
Increase Cost: Compost Facility - contractually mandated increases	217,395	0.00
Decrease Cost: Interdepartmental charges to Environmental Protection - Dickerson Compost Facility	(16,056)	(0.06)
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	(1,420,203)	0.06
FY18 Approved	6,557,329	1.15

Dickerson Master Plan Implementation

This program provides for the implementation of the Dickerson Solid Waste Facilities Master Plan. This plan identifies the environmental, community, and operational effects of solid waste facilities in the Dickerson area (the RRF, the Site 2 Landfill, and the Compost Facility) and outlines policies and actions to mitigate those effects.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	99,368	0.57
Increase Cost: Dickerson Master Plan - environmental monitoring requirements of master plan	183,796	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.	(14,695)	(0.06)
FY18 Approved	268,469	0.51

Gude Landfill

The purpose of this program is to monitor air and water quality around the landfill, maintain stormwater management and erosion control structures, maintain site roads, and manage the landfill gas through collection, flaring, and gas-to-energy systems. In addition, it encompasses all operational functions necessary to maintain the Gude Landfill, which closed in 1982, in an environmentally sound and cost-effective manner. In addition, planning for remediation mandated by the Maryland Department of the Environment to minimize potentially adverse environmental impacts and the design of post-closure uses for the site that serve the community are part of this program.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	1,367,930	1.31
Decrease Cost: Interdepartmental charges to Environmental Protection - Gude Landfill	(101,244)	(0.31)
Decrease Cost: Gude Landfill - reduction in planning costs related to Gude Landfill	(578,015)	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.	6,698	0.00
FY18 Approved	695,369	1.00

Household & Small Quantity Hazardous Waste Management

This program funds a contractor to receive, sort, pack, ship, and properly dispose of household hazardous waste such as flammable products, insecticides, mercury, and reactive and corrosive chemicals. These products are brought in by residents and processed at State and Federally-approved hazardous waste treatment, storage, and disposal facilities. This program also includes outreach to educate residents regarding the potential dangers of certain household products and to reduce generation of hazardous waste; it also provides assistance to businesses that qualify as small-quantity generators of hazardous waste by providing them with an economical and environmentally safe disposal option. The materials are handled through the County's hazardous waste contractor and permitted hazardous waste management facilities.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	1,029,241	0.00
Increase Cost: Household Hazardous Waste - contractually mandated increases	89,543	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.	(50,000)	0.00
FY18 Approved	1,068,784	0.00

Multi-Family Recycling

This program provides for mandatory recycling and waste reduction for multi-family properties. Program efforts include technical support, assistance, education, outreach and training about recycling, reuse, buying recycled products, and waste reduction, in addition to the review and monitoring of waste reduction and recycling plans and annual reports. This program also provides for enforcement of the County's recycling regulations and other requirements of the County Code, as they apply to multi-family waste generators.

Program Performance Measures	Actual FY15	Actual FY16	Estimated FY17	Target FY18	Target FY19
Multi-family recycling (tonnages) ¹	27,810	28,631	29,167	29,897	30,607

¹ This reporting is performed on a calendar year basis. CY16 data is estimated.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	865,175	4.00
Increase Cost: Multi-Family Recycling - contractually mandated increases	72,652	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.	19,171	0.00
FY18 Approved	956,998	4.00

☀ Oaks Landfill

This program maintains the closed Oaks Landfill in an environmentally sound and cost-effective manner in accordance with applicable State and Federal regulations. Mandated duties under this program include maintaining monitoring wells for landfill gas and water quality around the landfill; managing landfill gas through collection, flaring, and gas-to-energy systems; maintaining leachate storage and pre-treatment facilities; and performing other required site maintenance. This program also provides for the acceptance and treatment of waste generated by the cleanout of storm water oil/grit separators.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	1,747,566	1.52
Increase Cost: Oaks Landfill - contractually mandated increases	105,229	0.00
Increase Cost: Capital Equipment Replacement Schedule - Oaks Landfill	30,000	0.00
Decrease Cost: Interdepartmental charges to Environmental Protection - Oaks Landfill	(92,987)	(0.29)
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	(49,720)	0.00
FY18 Approved	1,740,088	1.23

☀ Out Of County Refuse Disposal

This program provides for the rail shipment of ash residue that is designated for recycling or disposal from the Resource Recovery Facility (RRF) to Fulton Rail Yard near Richmond, Virginia, where it is unloaded and transported by truck to the Old Dominion Landfill, a contracted landfill where the ash is processed for further metals removal and recycling. Ash may be beneficially reused as alternate daily cover and road base within the lined areas of Old Dominion Landfill and other modern landfill facilities. This program also provides for the shipment of nonprocessable waste, such as construction material and, if necessary, bypass waste, from the Transfer Station to either recycling facilities, rubble landfills, or other contracted landfills.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	11,718,610	1.00
Increase Cost: Out-of-County Haul - increased tonnage of hauled material	563,548	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.	14,594	0.00
FY18 Approved	12,296,752	1.00

☀ Recycling Outreach And Education

This program provides for broadly educating everyone living and working in the County about recycling, reuse, buying recycled products, composting, grasscycling, and waste reduction, and the need to comply with applicable County laws. Public education

is an important effort which supports solid waste program goals and ensures the success of recycling initiatives and progress to achieve the County's recycling goal.

Program Performance Measures	Actual FY15	Actual FY16	Estimated FY17	Target FY18	Target FY19
Percent of total municipal solid waste recycled ¹	61	61	62	63	64
Total recycling (tonnage)	625,408	635,749	654,848	672,816	689,755
Single-family recycling (tonnages)	281,143	284,529	290,815	295,160	300,114

¹ This reporting is performed on a calendar year basis and CY16 data is estimated.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	551,118	2.00
Increase Cost: Recycling Outreach and Education Program - cost increases related to commercial outreach program and the educational program at the recycling center	103,145	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.	8,951	0.00
FY18 Approved	663,214	2.00

Satellite Sites

This program provides for the operation of a satellite drop-off site at the Poolesville Highway Services Depot. Residents can bring bulky materials to this site. The site, which operates only on weekends, provides drop-off for trash items as a convenience to County residents and reduces the incidence of roadside dumping. The material that is collected is then transported to the Transfer Station in Derwood.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	233,999	1.70
Increase Cost: Satellite Sites	892	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.	3,960	0.00
FY18 Approved	238,851	1.70

Transfer Station

The purpose of this program is to provide a receiving, processing, and shipping facility for municipal solid waste generated within the County. In addition to regular trash, waste that is handled or recycled includes scrap metal, oil and anti-freeze, textiles, car batteries, and construction material. County staff operates the scale-house and oversees general operations, while contractors provide for the receipt and transfer of waste and operate the public unloading facility and recycling drop-off areas. This program includes enforcement of the County's ban on delivery of recyclables mixed with trash delivered for disposal and the inspection and licensing of waste collection vehicles; and it provides for the regulation and enforcement of certain provisions of Chapter 48 of the County Code, including licensing requirements for refuse and recycling commercial collectors, and haulers of solid waste and recyclables.

Program Performance Measures	Actual FY15	Actual FY16	Estimated FY17	Target FY18	Target FY19
Number of customers dropping off household hazardous waste at the Transfer Station	78,500	92,052	79,000	79,100	79,400

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	4,942,952	16.00
Increase Cost: Transfer Station - contractually mandated increases	500,636	0.00
Increase Cost: Capital Equipment Replacement Schedule - Transfer Station	410,000	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.	(530,410)	(2.00)
FY18 Approved	5,323,178	14.00

☀ Yard Trim Reduction

The purpose of this program is to provide education and training to residents, multi-family properties, and businesses to reduce the amount of yard trim materials (grass, leaves, and brush) generated and also to manage what is generated on-site through both grasscycling and composting, thus reducing the amount of yard trim materials that must be collected, transported, and managed at the County's Compost Facility in Dickerson or at private compost facilities.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	81,799	0.00
Increase Cost: Yard Trim Reduction - CPI increases on associated contracts	1,881	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.	1	0.00
FY18 Approved	83,681	0.00

☀ Recycling Center

This program provides for the separation, processing, and marketing of recyclable materials (glass, metal, and plastic). The Recycling Center also serves as a transfer point for shipping residential mixed paper for processing. The Recycling Center receives recyclable material collected under the County curbside collection program, as well as some materials from municipalities and multi-family properties and non-residential properties which have established recycling programs. The materials are then sorted and shipped to markets for recycling. This program also provides for the management of the County's residential and some non-residential mixed paper. A new fiber sorting line is being added in FY16, to improve separation and marketing of commodities. Mixed paper includes newspaper, corrugated containers, kraft paper bags, magazines, telephone directories, and unwanted mail.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	6,218,040	2.50
Increase Cost: Recycling Center - contractually mandated increases	1,050,894	0.00
Increase Cost: Capital Equipment Replacement Schedule - Recycling Center	713,000	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.	(992,708)	2.00
FY18 Approved	6,989,226	4.50

☀ Residential Collection

This program provides for securing, administering, monitoring, and enforcing countywide contracts with private collectors for collection of residential refuse and recyclables, and responding to the service needs of residents. Staff processes service requests

from MC311 to ensure timely fulfillment by collection contractors. This program also provides for enforcement of the County's recycling regulations as they apply to single-family waste generators, and enforcement of relevant parts of Chapter 48 of the County Code.

Program Performance Measures	Actual FY15	Actual FY16	Estimated FY17	Target FY18	Target FY19
Single-family solid waste charge: Refuse collection fee, charged for once per week curbside collection including on-call bulk pickups (Dollars per household)	66	70	70	70	77
Average number of recycling collections missed per week, not picked up within 24 hours	6.8	5.8	12.1	10.0	5.0
Average number of refuse collections missed per week, not picked up within 24 hours	4.5	10.3	18.3	15.0	9.0

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	27,315,469	28.60
Increase Cost: Residential Refuse Collection - CPI increase for associated contracts and increase in homes served	103,884	0.00
Increase Cost: Residential Recycling Collection - CPI increases on contracts and an increase of homes served	50,408	0.00
Increase Cost: Charges from the Public Information Office - Disposal Fund	11,346	0.20
Increase Cost: Charges from the Public Information Office - Collection Fund	5,585	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.	134,449	0.00
FY18 Approved	27,621,141	28.90

Resource Recovery Facility & Related Waste Transfer

This program provides for the operation of the Montgomery County Resource Recovery Facility (RRF). The RRF serves as the primary disposal facility for non-recycled waste generated in the County. Renewable energy in the form of electricity is generated by the combustion of municipal solid waste and is sold into the competitive energy market. Ferrous metals are recovered and recycled. Extensive environmental and operational monitoring is conducted, to meet contractual obligations and all applicable regulatory standards. This program also includes costs for related operations at the Transfer Station and for transportation of waste from the Transfer Station to the RRF. Beginning in FY18, this program will also include the recycling of ash residue remaining after solid waste is processed through the RRF.

Program Performance Measures	Actual FY15	Actual FY16	Estimated FY17	Target FY18	Target FY19
Percent of total municipal solid waste sent to landfill ¹	13.2	12.8	12.7	12.6	12.4

¹ FY16 data is a projection.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	22,962,210	1.25
Increase Cost: Resource Recovery Facility (RRF) - contractually mandated increases	940,354	0.00
Decrease Cost: Interdepartmental charges to Environmental Protection - RRF activities	(7,324)	(0.05)
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	3,333	0.00
FY18 Approved	23,898,573	1.20

Site 2

This program provides for the management of properties acquired for a potential future landfill. All properties are leased and/or used by private residents. Management activities include the inspection, evaluation, and maintenance of leased agricultural land, single-family dwellings, and agricultural buildings. Activities are coordinated with the Department of General Services as needed.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	111,938	0.40
Increase Cost: Site 2 Landfill - pond upkeep and other maintenance	51,968	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.	825	0.00
FY18 Approved	164,731	0.40

Support for Recycling Volunteers

The mission of this program is to recruit and retain volunteers to augment available staff resources to educate the general public and thereby improve participation in waste reduction, reuse, recycling, and buying recycled programs. This resident-to-resident and peer-to-peer contact is very effective in motivating people living and working in the County to actively participate more in recycling.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	138,812	0.00
Increase Cost: Support for Recycling Volunteers - CPI increases on associated contracts	2,572	0.00
FY18 Approved	141,384	0.00

Waste System Planning

This program supports the planning and development of solid waste programs in accordance with the mandates of the County's Ten Year Comprehensive Solid Waste Management Plan. This may include evaluating existing source reduction, recycling, composting, collection, and disposal programs and policies with the intent of achieving solid waste program goals.

FY18 Approved Changes	Expenditures	FTEs
FY17 Approved	574,654	2.60
Enhance: Contract support to develop food waste collection program and strategic plan	100,000	0.00
Decrease Cost: Waste System Planning - decrease in associated consulting contract	(112,038)	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.	11,279	0.00
FY18 Approved	573,895	2.60

BUDGET SUMMARY

	Actual FY16	Budget FY17	Estimate FY17	Approved FY18	%Chg Bud/App
SOLID WASTE DISPOSAL					
EXPENDITURES					

BUDGET SUMMARY

	Actual FY16	Budget FY17	Estimate FY17	Approved FY18	%Chg Bud/App
Salaries and Wages	7,306,868	7,632,771	7,526,977	7,795,900	2.1 %
Employee Benefits	2,524,900	2,701,788	2,655,011	2,721,876	0.7 %
Solid Waste Disposal Personnel Costs	9,831,768	10,334,559	10,181,988	10,517,776	1.8 %
Operating Expenses	86,851,320	72,086,778	70,946,778	75,689,450	5.0 %
Capital Outlay	3,720,177	3,085,826	3,085,826	3,493,502	13.2 %
Solid Waste Disposal Expenditures	100,403,265	85,507,163	84,214,592	89,700,728	4.9 %

PERSONNEL

Full-Time	75	75	75	75	—
Part-Time	1	2	2	2	—
FTEs	91.92	94.19	94.19	93.68	-0.5 %

REVENUES

Investment Income	90,147	180,500	177,410	304,130	68.5 %
Miscellaneous Revenues	450,481	9,119,411	10,559,494	12,641,030	38.6 %
Other Charges/Fees	202,107	238,628	241,800	241,800	1.3 %
Other Fines/Forfeitures	57,788	56,934	48,345	48,345	-15.1 %
Other Licenses/Permits	14,390	13,145	13,145	13,145	—
Property Rentals	21,716	39,719	35,726	35,526	-10.6 %
Sale of Recycled Materials	2,225,932	5,232,584	5,072,979	6,994,213	33.7 %
Solid Waste Disposal Fees/Operating Revenues	24,645,895	28,658,109	25,212,076	25,642,838	-10.5 %
Systems Benefit Charge	66,334,899	56,176,598	56,195,807	55,181,673	-1.8 %
Solid Waste Disposal Revenues	94,043,355	99,715,628	97,556,782	101,102,700	1.4 %

SOLID WASTE COLLECTION

EXPENDITURES

Salaries and Wages	1,010,549	1,093,823	1,074,520	1,133,632	3.6 %
Employee Benefits	312,465	365,227	358,356	374,442	2.5 %
Solid Waste Collection Personnel Costs	1,323,014	1,459,050	1,432,876	1,508,074	3.4 %
Operating Expenses	4,698,446	5,244,377	5,099,377	5,334,573	1.7 %
Solid Waste Collection Expenditures	6,021,460	6,703,427	6,532,253	6,842,647	2.1 %

PERSONNEL

Full-Time	4	4	4	4	—
Part-Time	0	0	0	0	—
FTEs	11.09	11.36	11.36	11.46	0.9 %

REVENUES

Investment Income	9,673	14,930	19,040	32,640	118.6 %
Other Charges/Fees	11,742	0	0	0	—
Systems Benefit Charge	6,394,499	6,427,259	6,420,845	6,440,210	0.2 %
Solid Waste Collection Revenues	6,415,914	6,442,189	6,439,885	6,472,850	0.5 %

BUDGET SUMMARY

	Actual FY16	Budget FY17	Estimate FY17	Approved FY18	%Chg Bud/App
DEPARTMENT TOTALS					
Total Expenditures	106,424,725	92,210,590	90,746,845	96,543,375	4.7 %
Total Full-Time Positions	79	79	79	79	—
Total Part-Time Positions	1	2	2	2	—
Total FTEs	103.01	105.55	105.55	105.14	-0.4 %
Total Revenues	100,459,269	106,157,817	103,996,667	107,575,550	1.3 %

FY18 APPROVED CHANGES

	Expenditures	FTEs
SOLID WASTE DISPOSAL		
FY17 ORIGINAL APPROPRIATION	85,507,163	94.19
<u>Changes (with service impacts)</u>		
Enhance: Contract support to develop food waste collection program and strategic plan [Waste System Planning]	100,000	0.00
<u>Other Adjustments (with no service impacts)</u>		
Increase Cost: Capital Equipment Replacement Schedule - Compost Facility [Dickerson Compost Facility]	2,304,114	0.00
Increase Cost: Recycling Center - contractually mandated increases [Recycling Center]	1,050,894	0.00
Increase Cost: Resource Recovery Facility (RRF) - contractually mandated increases [Resource Recovery Facility & Related Waste Transfer]	940,354	0.00
Increase Cost: Capital Equipment Replacement Schedule - Recycling Center [Recycling Center]	713,000	0.00
Increase Cost: Out-of-County Haul - increased tonnage of hauled material [Out Of County Refuse Disposal]	563,548	0.00
Increase Cost: Transfer Station - contractually mandated increases [Transfer Station]	500,636	0.00
Increase Cost: Capital Equipment Replacement Schedule - Transfer Station [Transfer Station]	410,000	0.00
Increase Cost: Compost Facility - contractually mandated increases [Dickerson Compost Facility]	217,395	0.00
Increase Cost: FY18 Compensation Adjustment	210,069	0.00
Increase Cost: Dickerson Master Plan - environmental monitoring requirements of master plan [Dickerson Master Plan Implementation]	183,796	0.00
Increase Cost: Risk Management Adjustment	139,222	0.00
Increase Cost: Commercial Recycling [Commercial Recycling]	117,853	0.00
Increase Cost: Oaks Landfill - contractually mandated increases [Oaks Landfill]	105,229	0.00
Increase Cost: Recycling Outreach and Education Program - cost increases related to commercial outreach program and the educational program at the recycling center [Recycling Outreach And Education]	103,145	0.00
Increase Cost: Household Hazardous Waste - contractually mandated increases [Household & Small Quantity Hazardous Waste Management]	89,543	0.00
Increase Cost: Multi-Family Recycling - contractually mandated increases [Multi-Family Recycling]	72,652	0.00
Increase Cost: SWD Administration [Administration and Support]	59,127	0.00
Increase Cost: Site 2 Landfill - pond upkeep and other maintenance [Site 2]	51,968	0.00
Increase Cost: Residential Recycling Collection - CPI increases on contracts and an increase of homes served [Residential Collection]	50,408	0.00
Increase Cost: Motor Pool Adjustment	46,084	0.00

FY18 APPROVED CHANGES

	Expenditures	FTEs
Increase Cost: Capital Equipment Replacement Schedule - Information Technology and Automation [Administration and Support]	36,388	0.00
Increase Cost: Annualization of FY17 Compensation Increases	34,746	0.00
Increase Cost: Capital Equipment Replacement Schedule - Oaks Landfill [Oaks Landfill]	30,000	0.00
Increase Cost: Retirement Adjustment	26,873	0.00
Increase Cost: Charges from the Public Information Office - Disposal Fund [Residential Collection]	11,346	0.20
Increase Cost: Information Technology and Automation - server maintenance contractual increase [Administration and Support]	9,694	0.00
Increase Cost: Charges from the Department of Finance - Disposal Fund [Administration and Support]	5,566	0.00
Increase Cost: Support for Recycling Volunteers - CPI increases on associated contracts [Support for Recycling Volunteers]	2,572	0.00
Increase Cost: Annualization of FY17 Personnel Costs	2,353	0.00
Increase Cost: Yard Trim Reduction - CPI increases on associated contracts [Yard Trim Reduction]	1,881	0.00
Increase Cost: Satellite Sites [Satellite Sites]	892	0.00
Increase Cost: Other Information Technology related cost increases	840	0.00
Decrease Cost: Printing and Mail	(193)	0.00
Decrease Cost: Retiree Health Insurance Pre-Funding	(4,940)	0.00
Decrease Cost: Interdepartmental charges to Environmental Protection - RRF activities [Resource Recovery Facility & Related Waste Transfer]	(7,324)	(0.05)
Decrease Cost: Interdepartmental charges to Environmental Protection - Dickerson Compost Facility [Dickerson Compost Facility]	(16,056)	(0.06)
Decrease Cost: Interdepartmental charges to Environmental Protection - Oaks Landfill [Oaks Landfill]	(92,987)	(0.29)
Decrease Cost: Interdepartmental charges to Environmental Protection - Gude Landfill [Gude Landfill]	(101,244)	(0.31)
Decrease Cost: Waste System Planning - decrease in associated consulting contract [Waste System Planning]	(112,038)	0.00
Decrease Cost: Gude Landfill - reduction in planning costs related to Gude Landfill [Gude Landfill]	(578,015)	0.00
Decrease Cost: Elimination of FY 17 Capital Equipment Replacement Schedule	(3,085,826)	0.00
FY18 APPROVED	89,700,728	93.68

SOLID WASTE COLLECTION

FY17 ORIGINAL APPROPRIATION	6,703,427	11.36
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Other Adjustments (with no service impacts)

Increase Cost: Residential Refuse Collection - CPI increase for associated contracts and increase in homes served [Residential Collection]	103,884	0.00
Increase Cost: FY18 Compensation Adjustment	26,612	0.00
Increase Cost: Charges from the Public Information Office - Collection Fund [Residential Collection]	5,585	0.10
Increase Cost: Annualization of FY17 Compensation Increases	3,745	0.00
Increase Cost: Charges from the Department of Finance - Collection Fund [Administration and Support]	2,098	0.00
Increase Cost: Retirement Adjustment	1,837	0.00
Increase Cost: Program Information Technology and Automation [Administration and Support]	1,203	0.00
Increase Cost: Administration [Administration and Support]	471	0.00

FY18 APPROVED CHANGES

	Expenditures	FTEs
Decrease Cost: Retiree Health Insurance Pre-Funding	(530)	0.00
Decrease Cost: Annualization of FY17 Personnel Costs	(2,062)	0.00
Decrease Cost: Printing and Mail	(3,623)	0.00
FY18 APPROVED	6,842,647	11.46

PROGRAM SUMMARY

Program Name	FY17 APPR Expenditures	FY17 APPR FTEs	FY18 APPR Expenditures	FY18 APPR FTEs
Administration and Support	3,620,291	20.02	3,876,788	20.02
Commercial Recycling	1,930,017	11.00	2,093,896	11.00
Enforcement	1,229,322	9.93	1,291,028	9.93
Dickerson Compost Facility	5,472,079	1.15	6,557,329	1.15
Dickerson Master Plan Implementation	99,368	0.57	268,469	0.51
Gude Landfill	1,367,930	1.31	695,369	1.00
Household & Small Quantity Hazardous Waste Management	1,029,241	0.00	1,068,784	0.00
Multi-Family Recycling	865,175	4.00	956,998	4.00
Oaks Landfill	1,747,566	1.52	1,740,088	1.23
Out Of County Refuse Disposal	11,718,610	1.00	12,296,752	1.00
Recycling Outreach And Education	551,118	2.00	663,214	2.00
Satellite Sites	233,999	1.70	238,851	1.70
Transfer Station	4,942,952	16.00	5,323,178	14.00
Yard Trim Reduction	81,799	0.00	83,681	0.00
Recycling Center	6,218,040	2.50	6,989,226	4.50
Residential Collection	27,315,469	28.60	27,621,141	28.90
Resource Recovery Facility & Related Waste Transfer	22,962,210	1.25	23,898,573	1.20
Site 2	111,938	0.40	164,731	0.40
Support for Recycling Volunteers	138,812	0.00	141,384	0.00
Waste System Planning	574,654	2.60	573,895	2.60
Total	92,210,590	105.55	96,543,375	105.14

CHARGES TO OTHER DEPARTMENTS

Charged Department	Charged Fund	FY17 Total\$	FY17 FTES	FY18 Total\$	FY18 FTES
SOLID WASTE DISPOSAL					
General Services	General Fund	258,500	0.00	251,749	0.00
Parking District Services	Bethesda Parking	69,600	0.00	69,558	0.00
Parking District Services	Silver Spring Parking	132,700	0.00	134,768	0.00

CHARGES TO OTHER DEPARTMENTS

Charged Department	Charged Fund	FY17 Total\$	FY17 FTE\$	FY18 Total\$	FY18 FTE\$
Parking District Services	Montgomery Hills Parking	2,200	0.00	0	0.00
Parking District Services	Wheaton Parking	13,100	0.00	13,042	0.00
Liquor Control	Liquor	19,700	0.00	19,649	0.00
Total		495,800	0.00	488,766	0.00

FUTURE FISCAL IMPACTS

CC APPROVED (\$000S)

Title	FY18	FY19	FY20	FY21	FY22	FY23
SOLID WASTE DISPOSAL						
EXPENDITURES						
FY18 Approved	89,701	89,701	89,701	89,701	89,701	89,701
No inflation or compensation change is included in outyear projections.						
Retiree Health Insurance Pre-funding	0	2	6	7	9	9
These figures represent the estimated cost of pre-funding retiree health insurance costs for the County's workforce.						
Labor Contracts	0	74	74	74	74	74
These figures represent the estimated annualized cost of general wage adjustments, service increments, and other negotiated items.						
Subtotal Expenditures	89,701	89,777	89,781	89,782	89,784	89,784
SOLID WASTE COLLECTION						
EXPENDITURES						
FY18 Approved	6,843	6,843	6,843	6,843	6,843	6,843
No inflation or compensation change is included in outyear projections.						
Retiree Health Insurance Pre-Funding	0	0	0	0	0	0
Labor Contracts	0	9	9	9	9	9
These figures represent the estimated annualized cost of general wage adjustments, service increments, and other negotiated items.						
Subtotal Expenditures	6,843	6,852	6,852	6,852	6,852	6,852

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