



Solid Waste Services

APPROVED FY20 BUDGET

\$115,733,825

FULL TIME EQUIVALENTS

106.24

 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 approved FY20 Operating Budget for the Division of Solid Waste Services is \$115,733,825, an increase of \$5,773,463 or 5.25 percent from the FY19 Approved Budget of \$109,960,362. Personnel Costs comprise 10.70 percent of the budget for 80 full-time position(s) and two part-time position(s), and a total of 106.24 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 89.30 percent of the FY20 budget.

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 Approved Budget and funding for comparable service levels in FY21.

INITIATIVES

-  DEP will expand its efforts to make it feasible and conducive for businesses that generate food scraps to source separate food scraps, contract for recycling collection service, and recycle more. Specific alternatives for this processing capacity are still being identified, and the costs are being determined. Additional alternatives for processing larger volumes of food waste in future years continue to be evaluated, including the construction of aerobic or anaerobic food scrap processing systems in

Montgomery County.

- ★ As a result of the Shady Grove Transfer Station facility condition assessment, DEP will improve the safe and effective operations of its facilities by improving fire detection and suppression systems, traffic queuing and flow, roadway markings, and tipping floor unloading procedures. These latter improvements will decrease queuing time and expedite on-site traffic flow.

ACCOMPLISHMENTS

- ☑ DEP completed its work to develop the Strategic Plan to Advance Composting, Compost Use, and Food Scraps Diversion, and the report was published in April 2018. In developing this plan, DEP brought together over 200 stakeholders representing the public and private sectors, to gain valuable expertise and insight, and work together toward consensus on a broad range of relevant issues.

INNOVATIONS AND PRODUCTIVITY IMPROVEMENTS

- ★ The Transfer Station received permission from the Maryland Department of the Environment (MDE) to conduct a four-month paint freezing pilot program in FY19. Freezing paint changes the state of the product from a liquid waste to a solid waste, permits the frozen paint to be disposed of on the Transfer Station tipping floor, and eliminates the need to contract out the processing and disposal of the paint.
- ★ DEP is working with Finance and a software developer to implement a credit card system at the Transfer Station which is expected to be operational by the end of FY19. The new transaction method will expedite traffic flow at the Shady Grove Scale House.

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

★ Food Waste Organics Recycling

This program is designed to promote recycling of food scraps as part of the County's overall effort to increase recycling, and to reduce the amount of food waste within the County. The program includes initiatives to recycle food scraps and other acceptable organic materials, generated by the single-family residential, multi-family residential, and commercial sectors, through composting and/or other technologies; and to stimulate the demand for the finished recycled product by encouraging its use.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	667,000	1.00
Enhance: Increased Support for Commercial Organic Food Waste Program	489,000	0.00
Decrease Cost: Elimination of One-time Organic Food Waste Capital Equipment Costs	(25,000)	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.	(128,720)	0.00
FY20 Approved	1,002,280	1.00

☀ Administration and Support

Provides support to the Department's operations, programs, and mission. It provides overall management and policy direction to core professional services like budget and financial management, contract management, and information technology services management. The program's mission is to:

- Develop and evaluate CIP and operating budgets in a strategic and economically responsible manner for fair and equitable rate structures;
- Maintain solid waste enterprise funds in a financially prudent manner through efficient financial management;
- Efficiently manage and execute all procurement requests on a timely basis and at the best possible value;
- Review and develop policies and procedures that strengthen internal controls;
- Identify efficiencies across the department using metrics, quantitative and financial models, and forecasting tools to analyze the fiscal impact of proposed changes; and
- Identify technology solutions that bring significant value to business processes and improve operating efficiencies.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	3,552,879	20.02
Increase Cost: Personnel Cost Increases Due to Position Being Filled at Higher Than Budgeted Level	98,499	0.00
Increase Cost: Minor Information Technology Increases	14,271	0.00
Increase Cost: Minor Operating Increases- Administration	1,021	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.	114,062	0.00
FY20 Approved	3,780,732	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 and targeted small businesses. Through this program, technical support, assistance, education, outreach, and training is provided to the commercial sector in the areas of waste reduction, reuse, recycling, and buying recycled products. 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 FY17	Actual FY18	Estimated FY19	Target FY20	Target FY21
Non-residential recycling (tonnages)	331,969	339,031	348,261	361,799	373,472
Number of site visits to provide recycling assistance to businesses ¹	8,079	5,378	6,750	6,750	6,750

¹ Staffing vacancies impacted performance in FY18.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	1,943,761	10.00
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	64,722	0.00

FY20 Approved Changes	Expenditures	FTEs
FY20 Approved	2,008,483	10.00

☀ 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 and Lien" component, which provides for the removal by the Department of Transportation of dangerous or unsightly trash, perimeter grass, and weeds on properties which the owners have failed to maintain as required. Also under this program, DEP 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).

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	1,318,857	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.	37,090	0.00
FY20 Approved	1,355,947	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, located in Derwood; and for hauling leaves and grass from the Transfer Station to the Composting Facility, located in Dickerson. 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.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	5,400,227	1.15
Decrease Cost: Yard Trim Composting	(16,741)	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.	(54,456)	0.00
FY20 Approved	5,329,030	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.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	150,787	0.51
Decrease Cost: Minor Operating Expense Decreases in Dickerson Master Plan Program	(6,739)	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.	(59,747)	0.00
FY20 Approved	84,301	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 and flaring systems. In addition, the program encompasses all operational functions necessary to maintain the Gude Landfill, which closed in 1982, in an environmentally sound and cost-effective manner. In addition, remediation is mandated by MDE to minimize potentially adverse environmental impacts, and to design post-closure uses for the site that serve the community. The engineering design of the Gude Landfill Remediation CIP is underway.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	708,733	1.00
Increase Cost: Gude Landfill	76,189	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.	(29,381)	0.00
FY20 Approved	755,541	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 includes outreach to educate residents regarding the potential dangers of certain household products and to reduce generation of hazardous waste; it also helps 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.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	1,089,626	0.00
Increase Cost: Household Hazardous Waste Contract Increase	90,320	0.00
FY20 Approved	1,179,946	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 waste reduction, reuse, recycling and buying recycled products, 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 FY17	Actual FY18	Estimated FY19	Target FY20	Target FY21
Multi-family recycling (tonnages)	28,220	29,228	30,384	31,373	32,355

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	977,513	5.00
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	14,363	0.00
FY20 Approved	991,876	5.00

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 pretreatment 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.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	1,772,535	1.23
Increase Cost: Oaks Landfill Contractual Increases	362,371	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.	7,033	0.00
FY20 Approved	2,141,939	1.23

Out Of County Refuse Disposal

This program provides for the rail shipment of ash residue that is designated for recycling from the 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 is 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.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	12,883,686	1.00
Increase Cost: Increases in Out Of County Hauling Rates and Tonnage	1,016,465	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.	2,982	0.00
FY20 Approved	13,903,133	1.00

☀ Recycling Outreach And Education

This program provides for broadly educating everyone living, visiting, and working in the County about waste reduction, reuse, recycling, buying recycled products, backyard and on-site composting, and grasscycling, 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 FY17	Actual FY18	Estimated FY19	Target FY20	Target FY21
Percent of total municipal solid waste recycled ¹	61.0%	61.8%	62.7%	63.8%	64.4%
Total recycling (tonnage)	616,732	633,060	649,633	668,865	682,777
Single-family recycling (tonnages)	256,552	264,801	270,988	275,693	276,949

¹ This reporting is performed on a calendar year basis. CY18 data is a projection.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	578,100	2.00
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	11,763	0.00
FY20 Approved	589,863	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 Saturday, provides drop-off for bulky waste 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.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	244,490	1.70
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	4,177	0.00
FY20 Approved	248,667	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 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 FY17	Actual FY18	Estimated FY19	Target FY20	Target FY21
Number of customers dropping off household hazardous waste at the Transfer Station	108,540	125,160	127,663	130,216	132,821

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	8,695,754	14.00
Increase Cost: Recycling Activities at Transfer Station IGA-Contract	181,815	0.00
Decrease Cost: Transfer Station Capital Equipment and Operating Expenses	(578,514)	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.	117,215	0.00
FY20 Approved	8,416,270	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 grasscycling, backyard, or on-site composting, thus reducing the amount of yard trim materials that must be collected, transported, and managed at the County's Yard Trim Composting Facility near Dickerson or at private compost facilities.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	75,504	0.00
FY20 Approved	75,504	0.00

Recycling Center

This program provides for the separation, processing, and marketing of recyclable materials (mixed paper, cardboard, aluminum, glass, metal, and plastic). 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 recycling. A Paper Processing Facility was added and began operations on May 1, 2017, to improve separation and marketing of commodities into mixed paper and corrugated paper. Mixed paper includes newspaper, corrugated containers, kraft paper bags, magazines, telephone directories, and mail.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	7,235,054	4.50
Enhance: Recycling Center Front-end Comingled Processing Line Equipment Replacement	1,817,000	0.00
Increase Cost: Increase in Comingled and Paper Recycling Costs to Address Safety and Meet Terms of Service Agreements	1,067,598	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.	32,628	0.00
FY20 Approved	10,152,280	4.50

☀ Residential Collection

This program administers Countywide contracts with private collectors for collection of residential refuse and recyclables, and responds 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 FY17	Actual FY18	Estimated FY19	Target FY20	Target FY21
Average number of recycling collections missed per week, not picked up within 24 hours	62.5	20.3	15.0	10.0	7.0
Average number of refuse collections missed per week, not picked up within 24 hours	17.4	11.9	11.0	10.0	10.0

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	35,412,972	29.00
Increase Cost: Residential Recycling Collection Contract Increase	271,905	0.00
Increase Cost: Increase in Refuse Collection Contract Costs	160,168	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.	182,962	0.00
FY20 Approved	36,028,007	29.00

☀ 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.

Program Performance Measures	Actual FY17	Actual FY18	Estimated FY19	Target FY20	Target FY21
Percent of total municipal solid waste sent to landfill ¹	17.3%	11.7%	11%	10.1%	10.1%

¹ There was an increase in the amount of waste that was sent to the landfill in FY17 due to tonnage that was bypassed as a result of the fire at the Resource Recovery Facility.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	26,565,489	1.20
Increase Cost: RRF Operating Increase to Meet Service Agreement	1,757,682	0.00
Increase Cost: Increase in RRF Commercial Insurance	125,365	0.00
Decrease Cost: FY20 REC Revenue in RRF Budget	(1,435,000)	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.	(27,704)	0.00
FY20 Approved	26,985,832	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.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	159,036	0.40
Decrease Cost: Site 2 Landfill	(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.	1,183	0.00
FY20 Approved	159,366	0.40

Support for Recycling Volunteers

The mission of this program is to recruit and retain recycling 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, visiting, and working in the County to actively participate more in recycling.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	144,140	0.00
Increase Cost: Support for Recycling Volunteers	2,543	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.	(2)	0.00
FY20 Approved	146,681	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.

FY20 Approved Changes	Expenditures	FTEs
FY19 Approved	384,219	2.60
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	13,928	0.00
FY20 Approved	398,147	2.60

BUDGET SUMMARY

	Actual FY18	Budget FY19	Estimate FY19	Approved FY20	%Chg Bud/App
SOLID WASTE DISPOSAL					
EXPENDITURES					
Salaries and Wages	7,503,589	7,758,121	7,152,485	8,004,639	3.2 %

BUDGET SUMMARY

	Actual FY18	Budget FY19	Estimate FY19	Approved FY20	%Chg Bud/App
Employee Benefits	2,429,745	2,651,418	2,448,999	2,791,967	5.3 %
Solid Waste Disposal Personnel Costs	9,933,334	10,409,539	9,601,484	10,796,606	3.7 %
Operating Expenses	80,513,668	85,096,778	84,266,778	90,374,283	6.2 %
Capital Outlay	3,478,353	5,206,697	5,206,697	4,979,216	-4.4 %
Solid Waste Disposal Expenditures	93,925,355	100,713,014	99,074,959	106,150,105	5.4 %
PERSONNEL					
Full-Time	75	76	76	76	—
Part-Time	2	2	2	2	—
FTEs	93.68	94.78	94.78	94.78	—
REVENUES					
Investment Income	819,078	699,040	1,614,540	1,719,840	146.0 %
Miscellaneous Revenues	552,541	25,000	427,700	45,000	80.0 %
Other Charges/Fees	264,341	221,800	190,000	190,000	-14.3 %
Other Fines/Forfeitures	61,601	48,345	35,000	35,000	-27.6 %
Other Intergovernmental	0	5,000	0	0	-100.0 %
Other Licenses/Permits	8,570	13,145	10,000	10,000	-23.9 %
Property Rentals	34,717	35,526	38,500	38,500	8.4 %
Sale of Recycled Materials	6,361,005	3,451,832	5,890,012	6,149,327	78.1 %
Solid Waste Disposal Fees/Operating Revenues	26,672,619	27,433,357	29,292,699	29,119,333	6.1 %
Systems Benefit Charge	66,218,344	66,493,614	66,232,245	68,439,293	2.9 %
Solid Waste Disposal Revenues	100,992,816	98,426,659	103,730,696	105,746,293	7.4 %
SOLID WASTE COLLECTION					
EXPENDITURES					
Salaries and Wages	1,146,254	1,157,935	1,144,313	1,187,740	2.6 %
Employee Benefits	316,137	385,641	381,104	404,544	4.9 %
Solid Waste Collection Personnel Costs	1,462,391	1,543,576	1,525,417	1,592,284	3.2 %
Operating Expenses	6,411,560	7,703,772	7,638,772	7,991,436	3.7 %
Solid Waste Collection Expenditures	7,873,951	9,247,348	9,164,189	9,583,720	3.6 %
PERSONNEL					
Full-Time	4	4	4	4	—
Part-Time	0	0	0	0	—
FTEs	11.46	11.46	11.46	11.46	—
REVENUES					
Investment Income	31,207	49,300	61,530	65,540	32.9 %
Other Charges/Fees	10,335	0	0	0	—
Systems Benefit Charge	6,429,203	7,102,557	7,086,460	8,818,850	24.2 %
Solid Waste Collection Revenues	6,470,745	7,151,857	7,147,990	8,884,390	24.2 %

BUDGET SUMMARY

	Actual FY18	Budget FY19	Estimate FY19	Approved FY20	%Chg Bud/App
DEPARTMENT TOTALS					
Total Expenditures	101,799,306	109,960,362	108,239,148	115,733,825	5.3 %
Total Full-Time Positions	79	80	80	80	—
Total Part-Time Positions	2	2	2	2	—
Total FTEs	105.14	106.24	106.24	106.24	—
Total Revenues	107,463,561	105,578,516	110,878,686	114,630,683	8.6 %

FY20 APPROVED CHANGES

	Expenditures	FTEs
SOLID WASTE DISPOSAL		
FY19 ORIGINAL APPROPRIATION	100,713,014	94.78
<u>Changes (with service impacts)</u>		
Enhance: Recycling Center Front-end Comingled Processing Line Equipment Replacement [Recycling Center]	1,817,000	0.00
Enhance: Increased Support for Commercial Organic Food Waste Program [Food Waste Organics Recycling]	489,000	0.00
Enhance: Increase Award to A Wider Circle	25,000	0.00
<u>Other Adjustments (with no service impacts)</u>		
Increase Cost: RRF Operating Increase to Meet Service Agreement [Resource Recovery Facility & Related Waste Transfer]	1,757,682	0.00
Increase Cost: Increase in Comingled and Paper Recycling Costs to Address Safety and Meet Terms of Service Agreements [Recycling Center]	1,067,598	0.00
Increase Cost: Increases in Out Of County Hauling Rates and Tonnage [Out Of County Refuse Disposal]	1,016,465	0.00
Increase Cost: Oaks Landfill Contractual Increases [Oaks Landfill]	362,371	0.00
Increase Cost: Residential Recycling Collection Contract Increase [Residential Collection]	271,905	0.00
Increase Cost: FY20 Compensation Adjustment	269,232	0.00
Increase Cost: Recycling Activities at Transfer Station IGA-Contract [Transfer Station]	181,815	0.00
Increase Cost: Increase in RRF Commercial Insurance [Resource Recovery Facility & Related Waste Transfer]	125,365	0.00
Increase Cost: Annualization of FY19 Personnel Costs	119,117	0.00
Increase Cost: Personnel Cost Increases Due to Position Being Filled at Higher Than Budgeted Level [Administration and Support]	98,499	0.00
Increase Cost: Household Hazardous Waste Contract Increase [Household & Small Quantity Hazardous Waste Management]	90,320	0.00
Increase Cost: Gude Landfill [Gude Landfill]	76,189	0.00
Increase Cost: Risk Management Adjustment	37,237	0.00
Increase Cost: Motor Pool Adjustment	34,308	0.00
Increase Cost: Minor Information Technology Increases [Administration and Support]	14,271	0.00
Increase Cost: Charge Back from Finance	13,488	0.00
Increase Cost: Retirement Adjustment	8,873	0.00
Increase Cost: Support for Recycling Volunteers [Support for Recycling Volunteers]	2,543	0.00

FY20 APPROVED CHANGES

	Expenditures	FTEs
Increase Cost: Other Miscellaneous Operating Costs	1,713	0.00
Increase Cost: Minor Operating Increases- Administration [Administration and Support]	1,021	0.00
Decrease Cost: Site 2 Landfill [Site 2]	(853)	0.00
Shift: Annualization of ESRI Enterprise Agreement - Shift to DTS	(3,400)	0.00
Decrease Cost: Minor Operating Expense Decreases in Dickerson Master Plan Program [Dickerson Master Plan Implementation]	(6,739)	0.00
Decrease Cost: Yard Trim Composting [Dickerson Compost Facility]	(16,741)	0.00
Decrease Cost: Elimination of One-time Organic Food Waste Capital Equipment Costs [Food Waste Organics Recycling]	(25,000)	0.00
Decrease Cost: OPEB Adjustment	(87,020)	0.00
Decrease Cost: Turnover Savings	(108,654)	0.00
Decrease Cost: Elimination of One-Time Items Approved in FY19	(182,000)	0.00
Decrease Cost: Transfer Station Capital Equipment and Operating Expenses [Transfer Station]	(578,514)	0.00
Decrease Cost: FY20 REC Revenue in RRF Budget [Resource Recovery Facility & Related Waste Transfer]	(1,435,000)	0.00
FY20 APPROVED	106,150,105	94.78

SOLID WASTE COLLECTION

	FY19 ORIGINAL APPROPRIATION	9,247,348	11.46
<u>Other Adjustments (with no service impacts)</u>			
Increase Cost: Increase in Refuse Collection Contract Costs [Residential Collection]	160,168	0.00	
Increase Cost: Risk Management Adjustment	118,519	0.00	
Increase Cost: FY20 Compensation Adjustment	36,516	0.00	
Increase Cost: Annualization of FY19 Personnel Costs	14,374	0.00	
Increase Cost: Motor Pool Adjustment	6,260	0.00	
Increase Cost: Retirement Adjustment	2,542	0.00	
Increase Cost: Increase Personnel Cost	1,215	0.00	
Increase Cost: SWC Automation	850	0.00	
Increase Cost: Increase in Finance Charge back - Property Tax Bills (Collection)	658	0.00	
Decrease Cost: OPEB Adjustment	(4,730)	0.00	
FY20 APPROVED	9,583,720	11.46	

PROGRAM SUMMARY

Program Name	FY19 APPR Expenditures	FY19 APPR FTEs	FY20 APPR Expenditures	FY20 APPR FTEs
Food Waste Organics Recycling	667,000	1.00	1,002,280	1.00
Administration and Support	3,552,879	20.02	3,780,732	20.02
Commercial Recycling	1,943,761	10.00	2,008,483	10.00
Enforcement	1,318,857	9.93	1,355,947	9.93

PROGRAM SUMMARY

Program Name	FY19 APPR Expenditures	FY19 APPR FTEs	FY20 APPR Expenditures	FY20 APPR FTEs
Dickerson Compost Facility	5,400,227	1.15	5,329,030	1.15
Dickerson Master Plan Implementation	150,787	0.51	84,301	0.51
Gude Landfill	708,733	1.00	755,541	1.00
Household & Small Quantity Hazardous Waste Management	1,089,626	0.00	1,179,946	0.00
Multi-Family Recycling	977,513	5.00	991,876	5.00
Oaks Landfill	1,772,535	1.23	2,141,939	1.23
Out Of County Refuse Disposal	12,883,686	1.00	13,903,133	1.00
Recycling Outreach And Education	578,100	2.00	589,863	2.00
Satellite Sites	244,490	1.70	248,667	1.70
Transfer Station	8,695,754	14.00	8,416,270	14.00
Yard Trim Reduction	75,504	0.00	75,504	0.00
Recycling Center	7,235,054	4.50	10,152,280	4.50
Residential Collection	35,412,972	29.00	36,028,007	29.00
Resource Recovery Facility & Related Waste Transfer	26,565,489	1.20	26,985,832	1.20
Site 2	159,036	0.40	159,366	0.40
Support for Recycling Volunteers	144,140	0.00	146,681	0.00
Waste System Planning	384,219	2.60	398,147	2.60
Total	109,960,362	106.24	115,733,825	106.24

CHARGES TO OTHER DEPARTMENTS

Charged Department	Charged Fund	FY19 Total\$	FY19 FTES	FY20 Total\$	FY20 FTES
SOLID WASTE DISPOSAL					
General Services	General Fund	251,749	0.00	254,618	0.00
Parking District Services	Bethesda Parking	69,558	0.00	68,959	0.00
Parking District Services	Silver Spring Parking	134,768	0.00	129,559	0.00
Parking District Services	Montgomery Hills Parking	0	0.00	0	0.00
Parking District Services	Wheaton Parking	13,042	0.00	12,538	0.00
Liquor Control	Liquor	19,649	0.00	20,069	0.00
Total		488,766	0.00	485,743	0.00

FUTURE FISCAL IMPACTS

CC APPROVED (\$000S)

Title	FY20	FY21	FY22	FY23	FY24	FY25
SOLID WASTE DISPOSAL						
EXPENDITURES						

FUTURE FISCAL IMPACTS

CC APPROVED (\$000S)

Title	FY20	FY21	FY22	FY23	FY24	FY25
FY20 Approved	106,150	106,150	106,150	106,150	106,150	106,150
No inflation or compensation change is included in outyear projections.						
Retiree Health Insurance Pre-funding	0	(1)	(4)	(26)	(42)	(54)
Labor Contracts	0	95	95	95	95	95
These figures represent the estimated annualized cost of general wage adjustments, service increments, and other negotiated items.						
Subtotal Expenditures	106,150	106,244	106,241	106,219	106,203	106,191

SOLID WASTE COLLECTION

EXPENDITURES

FY20 Approved	9,584	9,584	9,584	9,584	9,584	9,584
No inflation or compensation change is included in outyear projections.						
Retiree Health Insurance Pre-funding	0	0	0	(1)	(2)	(3)
Labor Contracts	0	14	14	14	14	14
These figures represent the estimated annualized cost of general wage adjustments, service increments, and other negotiated items.						
Subtotal Expenditures	9,584	9,598	9,598	9,597	9,596	9,595

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