



Solid Waste Services

RECOMMENDED FY20 BUDGET

\$117,222,773

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 recommended FY20 Operating Budget for the Division of Solid Waste Services is \$117,222,773, an increase of \$7,262,411 or 6.60 percent from the FY19 Approved Budget of \$109,960,362. Personnel Costs comprise 10.61 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 89.39 percent of the FY20 budget.

The primary cost increases in FY20 for the Division are related to contractually mandated increases to service contracts, the continuation of capital equipment purchases according to the Division's equipment replacement schedule, and increased operating costs for Solid Waste facilities.

COUNTY PRIORITY OUTCOMES

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

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

DEPARTMENT PERFORMANCE MEASURES

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

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 Recommended Changes	Expenditures	FTEs
FY19 Approved	667,000	1.00
Enhance: Increased Support for Commercial Organic Food Waste Program	489,000	0.00

FY20 Recommended Changes	Expenditures	FTEs
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.	(128,280)	0.00
FY20 Recommended	1,002,720	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 Recommended 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.	141,025	0.00
FY20 Recommended	3,807,695	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

Program Performance Measures	Actual FY17	Actual FY18	Estimated FY19	Target FY20	Target FY21
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 Recommended 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.	68,068	0.00
FY20 Recommended	2,011,829	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 Recommended 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.	40,241	0.00
FY20 Recommended	1,359,098	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 Recommended 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.	(53,666)	0.00
FY20 Recommended	5,329,820	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 Recommended 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.	(59,466)	0.00
FY20 Recommended	84,582	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 Recommended 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.	(29,202)	0.00
FY20 Recommended	755,720	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 Recommended Changes	Expenditures	FTEs
FY19 Approved	1,089,626	0.00
Increase Cost: Household Hazardous Waste Contract Increase	90,320	0.00
FY20 Recommended	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 Recommended 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.	15,802	0.00
FY20 Recommended	993,315	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 Recommended 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.	7,326	0.00
FY20 Recommended	2,142,232	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 Recommended Changes	Expenditures	FTEs
FY19 Approved	12,883,686	1.00

FY20 Recommended Changes	Expenditures	FTEs
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.	3,852	0.00
FY20 Recommended	13,904,003	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 Recommended 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.	12,770	0.00
FY20 Recommended	590,870	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 Recommended 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 Recommended	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 Recommended 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.	121,586	0.00
FY20 Recommended	8,420,641	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 Recommended Changes	Expenditures	FTEs
FY19 Approved	75,504	0.00
FY20 Recommended	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 Recommended 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

FY20 Recommended Changes	Expenditures	FTEs
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.	34,667	0.00
FY20 Recommended	10,154,319	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 Recommended 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.	190,414	0.00
FY20 Recommended	36,035,459	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 Recommended 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

FY20 Recommended Changes	Expenditures	FTEs
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	(27,154)	0.00
FY20 Recommended	28,421,382	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 Recommended 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.	1,256	0.00
FY20 Recommended	159,439	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 Recommended 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 Recommended	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 Recommended 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.	14,632	0.00
FY20 Recommended	398,851	2.60

BUDGET SUMMARY

	Actual FY18	Budget FY19	Estimate FY19	Recommended FY20	%Chg Bud/Rec
SOLID WASTE DISPOSAL					
EXPENDITURES					
Salaries and Wages	7,503,589	7,758,121	7,269,991	8,048,821	3.8 %
Employee Benefits	2,429,745	2,651,418	2,489,548	2,795,460	5.4 %
Solid Waste Disposal Personnel Costs	9,933,334	10,409,539	9,759,539	10,844,281	4.2 %
Operating Expenses	80,513,668	85,096,778	83,321,778	91,809,283	7.9 %
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	98,288,014	107,632,780	6.9 %
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	1,148,206	1,193,546	3.1 %
Employee Benefits	316,137	385,641	382,211	405,011	5.0 %
Solid Waste Collection Personnel Costs	1,462,391	1,543,576	1,530,417	1,598,557	3.6 %
Operating Expenses	6,411,560	7,703,772	7,528,772	7,991,436	3.7 %
Solid Waste Collection Expenditures	7,873,951	9,247,348	9,059,189	9,589,993	3.7 %
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 %

BUDGET SUMMARY

	Actual FY18	Budget FY19	Estimate FY19	Recommended FY20	%Chg Bud/Rec
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 %

DEPARTMENT TOTALS

Total Expenditures	101,799,306	109,960,362	107,347,203	117,222,773	6.6 %
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 RECOMMENDED CHANGES

	Expenditures	FTEs
SOLID WASTE DISPOSAL		
	FY19 ORIGINAL APPROPRIATION	100,713,014 94.78
Changes (with service impacts)		
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
Other Adjustments (with no service impacts)		
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: FY20 Compensation Adjustment	316,907	0.00
Increase Cost: Residential Recycling Collection Contract Increase [Residential Collection]	271,905	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

FY20 RECOMMENDED CHANGES

	Expenditures	FTEs
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
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
FY20 RECOMMENDED	107,632,780	94.78

SOLID WASTE COLLECTION

	FY19 ORIGINAL APPROPRIATION	9,247,348	11.46
Other Adjustments (with no service impacts)			
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	42,789	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 RECOMMENDED	9,589,993	11.46	

PROGRAM SUMMARY

Program Name	FY19 APPR Expenditures	FY19 APPR FTEs	FY20 REC Expenditures	FY20 REC FTEs
Food Waste Organics Recycling	667,000	1.00	1,002,720	1.00
Administration and Support	3,552,879	20.02	3,807,695	20.02

PROGRAM SUMMARY

Program Name	FY19 APPR Expenditures	FY19 APPR FTEs	FY20 REC Expenditures	FY20 REC FTEs
Commercial Recycling	1,943,761	10.00	2,011,829	10.00
Enforcement	1,318,857	9.93	1,359,098	9.93
Dickerson Compost Facility	5,400,227	1.15	5,329,820	1.15
Dickerson Master Plan Implementation	150,787	0.51	84,582	0.51
Gude Landfill	708,733	1.00	755,720	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	993,315	5.00
Oaks Landfill	1,772,535	1.23	2,142,232	1.23
Out Of County Refuse Disposal	12,883,686	1.00	13,904,003	1.00
Recycling Outreach And Education	578,100	2.00	590,870	2.00
Satellite Sites	244,490	1.70	248,667	1.70
Transfer Station	8,695,754	14.00	8,420,641	14.00
Yard Trim Reduction	75,504	0.00	75,504	0.00
Recycling Center	7,235,054	4.50	10,154,319	4.50
Residential Collection	35,412,972	29.00	36,035,459	29.00
Resource Recovery Facility & Related Waste Transfer	26,565,489	1.20	28,421,382	1.20
Site 2	159,036	0.40	159,439	0.40
Support for Recycling Volunteers	144,140	0.00	146,681	0.00
Waste System Planning	384,219	2.60	398,851	2.60
Total	109,960,362	106.24	117,222,773	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

CE RECOMMENDED (\$000S)

Title	FY20	FY21	FY22	FY23	FY24	FY25
SOLID WASTE DISPOSAL						

FUTURE FISCAL IMPACTS

CE RECOMMENDED (\$000S)

Title	FY20	FY21	FY22	FY23	FY24	FY25
EXPENDITURES						
FY20 Recommended	107,633	107,633	107,633	107,633	107,633	107,633
No inflation or compensation change is included in outyear projections.						
Retiree Health Insurance Pre-funding	0	(1)	(4)	(26)	(42)	(54)
Labor Contracts	0	67	67	67	67	67
These figures represent the estimated annualized cost of general wage adjustments, service increments, and other negotiated items.						
Subtotal Expenditures	107,633	107,699	107,696	107,674	107,658	107,646

SOLID WASTE COLLECTION

EXPENDITURES

FY20 Recommended	9,590	9,590	9,590	9,590	9,590	9,590
No inflation or compensation change is included in outyear projections.						
Retiree Health Insurance Pre-funding	0	0	0	(1)	(2)	(3)
Labor Contracts	0	10	10	10	10	10
These figures represent the estimated annualized cost of general wage adjustments, service increments, and other negotiated items.						
Subtotal Expenditures	9,590	9,601	9,601	9,600	9,599	9,598

SOLID WASTE ENTERPRISE FUND RATES AND FISCAL PROJECTIONS FOR FY20-25

Assumptions:

- In FY20, the County Executive recommends the following solid waste system service charges:

Single-Family: \$213.26

Multi-Family: \$16.06

Non-Residential: \$596.13

(medium category)

- Refuse collection services are maintained at their current levels, with the annual collection charge increasing \$18.00 (23%) from \$77.00/household in FY19 to \$95.00/household in FY20.
- The disposal fee for municipal solid waste received at the Transfer Station (known as the "Tipping Fee") and waste delivered in open-top roll-off boxes is unchanged at \$60 per ton and \$70 per ton, respectively.
- Expenditures for certain programs, such as the Resource Recovery Facility, Transfer Station, and Out-of-County Haul, are Base Systems Costs and are calculated based on waste generation estimates for each sector. Expenditures for programs such as the Recycling Center, Recycling Collection, and Dickerson Compost Facility are Incremental Costs and are calculated based on the cost of the incremental services received by each sector. Other expenditures are increased by inflation, except where contract or scheduled costs apply.

FY20-25 PUBLIC SERVICES PROGRAM: FISCAL PLAN

Solid Waste Collection

FISCAL PROJECTIONS	FY19 ESTIMATE	FY20 REC	FY21 PROJECTION	FY22 PROJECTION	FY23 PROJECTION	FY24 PROJECTION	FY25 PROJECTION
ASSUMPTIONS							
Indirect Cost Rate	18.23%	20.45%	20.45%	20.45%	20.45%	20.45%	20.45%
CPI (Fiscal Year)	2.2%	2.3%	2.5%	2.7%	2.7%	2.7%	2.7%
Investment Income Yield	2.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
Number of Households	92,057	92,830	93,519	94,207	94,895	95,584	96,272
Charge per Household (once-weekly refuse collection)	\$ 77.00	\$ 95.00	\$ 112.00	\$ 130.00	\$ 130.00	\$ 130.00	\$ 130.00
Percentage Rate Increase (Decrease)	0.0%	23.4%	17.9%	16.1%	0.0%	0.0%	0.0%
BEGINNING FUND BALANCE	(140,204)	(2,348,402)	(3,396,515)	(3,102,260)	(1,375,770)	20,871	1,174,574
REVENUES							
Charges For Services	7,086,460	8,818,850	10,474,128	12,246,910	12,336,350	12,425,920	12,515,360
Miscellaneous	61,530	65,540	65,540	65,540	65,540	65,540	65,540
Subtotal Revenues	7,147,990	8,884,390	10,539,668	12,312,450	12,401,890	12,491,460	12,580,900
INTERFUND TRANSFERS (Net Non-CIP)							
Transfers To The General Fund	(286,394)	(331,905)	(345,635)	(360,282)	(375,844)	(392,272)	(409,428)
Indirect Costs	(281,394)	(326,905)	(340,635)	(355,282)	(370,844)	(387,272)	(404,428)
DCM	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)
TOTAL RESOURCES	6,721,392	6,204,083	6,797,518	8,849,908	10,650,276	12,120,059	13,346,046
CIP CURRENT REVENUE APPROP.							
PSP OPER. BUDGET APPROP/ EXP'S.	0	0	0	0	0	0	0
Operating Budget	(9,059,189)	(9,589,993)	(9,878,776)	(10,204,815)	(10,609,703)	(10,937,208)	(11,362,207)
Labor Contracts	n/a	n/a	(12,702)	(12,702)	(12,702)	(12,702)	(12,702)
Labor Contracts Other	n/a	n/a	2,245	2,245	2,245	2,245	2,245
Retiree Health Insurance Pre-Funding	n/a	n/a	60	200	1,360	2,180	2,770
Subtotal PSP Oper Budget Approp / Exp's	(9,059,189)	(9,589,993)	(9,889,173)	(10,215,072)	(10,618,800)	(10,945,485)	(11,369,894)
OTHER CLAIMS ON FUND BALANCE	(10,605)	(10,605)	(10,605)	(10,605)	(10,605)	0	0
TOTAL USE OF RESOURCES	(9,069,794)	(9,600,598)	(9,899,778)	(10,225,677)	(10,629,405)	(10,945,485)	(11,369,894)
YEAR END FUND BALANCE	(2,348,402)	(3,396,515)	(3,102,260)	(1,375,770)	20,871	1,174,574	1,976,152
YEAR END CASH BALANCE	2,673,081	1,624,968	1,919,223	2,845,713	3,442,354	3,796,057	3,797,635
END-OF-YEAR RESERVES AS A							
PERCENT OF RESOURCES	-34.9%	-54.7%	-45.6%	-15.5%	0.2%	9.7%	14.8%

Notes:

1. The refuse collection charge is adjusted annually to fund the approved service program and to maintain an ending net asset balance between 10 percent and 15 percent of resources at the end of the six-year planning period. Year end fund balances in FY21-25 are projections only and will change with the change in the underlying assumptions (i.e. growth in house counts, CPI, Investment Income Yield) in future fiscal years.
2. These projections are based on the 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 not assumed here to fee or tax rates, usage, inflation, future labor agreements, and other factors not assumed here.
3. The fund balance is negative from FY19-22 because of a \$4 million liability that results from a FY18 loan from the Disposal fund. This \$4 million loan was executed in FY18 to more gradually phase in the rate increases needed to cover substantial increases in collection contract costs. The cash balance of the fund remains positive across the six-year period. Refuse collection charges will be adjusted annually to achieve cost recovery, pay back the loan, and progress towards the fund balance policy target of 10 percent to 15 percent.

FY20-25 DIVISION OF SOLID WASTE SERVICES

FISCAL PROJECTIONS	ESTIMATED FY19	PROJECTED FY20	PROJECTED FY21	PROJECTED FY22	PROJECTED FY23	PROJECTED FY24	PROJECTED FY25
Single-Family Charges (\$/Household)	205.11	213.28	227.70	245.63	264.98	285.74	310.95
% change in rate from previous year	0.0%	4.0%	6.8%	7.9%	7.9%	7.8%	8.8%
Multi-Family Charges (\$/Dwelling Unit)	16.06	16.06	15.71	15.06	14.32	13.61	12.81
% change in rate from previous year	0.0%	0.0%	-2.2%	-4.1%	-4.9%	-5.0%	-5.8%
Nonresidential Charges (medium "category" charge)	596.13	596.13	572.42	539.51	499.02	462.38	428.22
% change in rate from previous year	0.0%	0.0%	-4.0%	-5.7%	-7.5%	-7.3%	-7.4%

OPERATIONS CALCULATION

REVENUES							
Disposal Fees	34,579,008	34,410,364	35,168,478	36,100,316	36,899,619	37,733,592	38,949,843
Charges for Services/SBC	54,999,401	57,090,730	59,995,000	63,388,557	67,162,352	71,495,199	76,228,446
Miscellaneous	12,537,747	12,525,359	12,606,486	12,750,202	12,889,810	13,032,283	13,177,631
Investment Income	1,614,540	1,719,840	1,719,840	1,719,840	1,719,840	1,719,840	1,719,840
Subtotal Revenues	103,730,696	105,746,293	109,489,804	113,958,915	118,671,621	123,980,914	130,075,760
INTERFUND TRANSFERS	(7,557,587)	(600,946)	609,682	650,979	537,207	416,420	354,851
EXPENDITURES							
Personnel Costs	(9,759,539)	(10,844,281)	(11,338,962)	(11,826,538)	(12,344,540)	(12,891,403)	(13,324,160)
Operating Expenses	(83,321,778)	(91,809,283)	(96,613,139)	(103,680,009)	(111,707,814)	(117,879,034)	(123,766,911)
Capital Outlay	(5,206,897)	(4,979,218)	(7,314,900)	(2,415,568)	(783,613)	(607,452)	(580,452)
Other Expenditure Restrictions							
Subtotal Expenditures	(98,288,014)	(107,632,780)	(115,267,001)	(117,922,113)	(124,835,967)	(131,377,889)	(137,651,523)
CURRENT RECEIPTS TO CIP	(1,330,853)	(8,400,000)	(12,300,000)	(6,500,000)	-	-	-
OTHER CLAIMS ON FUND BALANCE - OPEB	(84,842)	(84,842)	(84,842)	(84,842)	(84,842)	-	-
POTENTIAL FUTURE EXPENDITURES	-	-	-	-	-	-	-
PAYOUT OF GUDE REMEDIATION	1,330,853	8,400,000	12,300,000	6,500,000	-	-	-
CY GUDE REMEDIATION	-	-	-	-	-	-	-
PAYOUT OF CLOSURE COSTS (Non-CIP)	1,706,854	1,815,811	1,910,981	1,906,652	1,955,020	2,005,649	2,057,646
CY ACCRUED CLOSURE COSTS	(29,329)	(37,937)	(42,699)	(46,820)	(48,369)	(50,628)	(51,997)
NET CHANGE	(522,222)	(794,401)	(3,384,075)	(1,537,229)	(3,805,330)	(5,025,534)	(5,215,263)

CASH POSITION

ENDING CASH & INVESTMENTS							
Unrestricted Cash	64,034,107	52,519,350	33,401,117	20,858,360	16,286,409	13,029,894	6,793,430
Restricted Cash	27,438,338	29,485,258	32,477,690	36,181,876	36,481,512	34,215,474	34,713,490
Subtotal Cash & Investments	91,472,445	82,004,608	65,878,807	57,040,236	52,767,921	47,245,368	41,506,920
RESERVE & LIABILITY REQUIREMENTS							
Management Reserve	(22,044,954)	(23,635,417)	(24,188,565)	(25,628,951)	(26,991,852)	(28,298,859)	(28,677,401)
Debt Service Reserve	-	-	-	-	-	-	-
Future System Contingency Reserve	-	-	-	-	-	-	-
Research & Development Reserve	-	-	-	-	-	-	-
Renewal & Replacement Reserve	(4,393,385)	(4,484,328)	(4,582,983)	(4,688,392)	(4,799,977)	(4,916,615)	(5,036,089)
Stability Reserve	(1,000,000)	(1,365,513)	(3,706,142)	(5,864,533)	(4,889,683)	(1,000,000)	(1,000,000)
Subtotal Reserve Requirements	(27,438,338)	(29,485,258)	(32,477,690)	(36,181,876)	(36,481,512)	(34,215,474)	(34,713,490)
Closure/Postclosure Liability	(13,993,780)	(12,215,906)	(10,347,624)	(8,487,792)	(6,642,069)	(4,747,976)	(2,803,256)
Guide Remediation Liability	(27,200,000)	(18,800,000)	(6,500,000)	-	-	-	-
Current Liabilities Not Including Debt/Closure	(10,000,000)	(7,000,000)	(4,000,000)	(4,000,000)	(2,000,000)	(2,000,000)	(2,000,000)
Subtotal Reserve & Liability Requirements	(78,632,118)	(67,501,164)	(53,325,314)	(48,669,668)	(45,123,581)	(40,963,450)	(39,516,746)
CASH & INVESTMENTS OVER/(UNDER) RESERVE & LIABILITY REQUIREMENTS	12,840,327	14,503,444	12,553,493	8,370,568	7,644,340	6,281,918	1,990,174
Net Assets							
ENDING NET ASSETS	87,036,802	88,422,359	89,320,332	87,124,373	81,518,332	74,546,007	67,364,549
Less: Reserve Requirements	(27,438,338)	(29,485,258)	(32,477,690)	(36,181,876)	(36,481,512)	(34,215,474)	(34,713,490)
NET ASSETS OVER/(UNDER) RESERVE REQUIREMENTS	59,598,464	58,937,101	56,842,642	50,942,497	45,036,820	40,330,533	32,651,059

FY20 Solid Waste Service Charges

- **1. Purpose**

- To fund solid waste management services provided to residents and businesses in Montgomery County through service charges to all entities that benefit from such services.

- **2. Classification of Service Charges**

- There are five basic categories of service charges:

- Base Systems Benefit Charge** - Paid by all entities to cover costs of system administration, historical debt service, waste reduction, and "stand-by" disposal capacity.

- Incremental Systems Benefit Charge** - Paid by entities based on sector- specific services they receive (single-family homeowners pay for curbside recycling collection and processing, businesses pay for the commercial recycling program, etc.)

- Disposal Charges** - Paid as a service charge via the tax bill or at the Transfer Station by all entities who deliver solid waste to Montgomery County for disposal. At the Solid Waste Transfer Station, this charge is referred to as the "Tipping Fee" for accepting municipal solid waste for disposal.

- Leaf Vacuuming Charge** - Covers the cost of leaf vacuuming service provided in the Leaf Vacuuming District.

- Refuse Collection Charge** - Paid by homeowners who receive once weekly refuse collection service by County contractors.

- **3. Implementation of Service Charges**

- Service charges are collected from the various sectors in the following manner:

	Base Systems Benefit	Incremental Systems Benefit	Disposal Charge	Leaf Vacuuming Charge	Refuse Collection Charge
Unincorporated Single-Family	Via tax bill	Via tax bill	Via tax bill	Via tax bill to those serviced	Via tax bill to those serviced
Incorporated Single-Family	Via tax bill	Not applicable	Charged at Transfer Station	Not applicable	Not applicable
Unincorporated Multi-family	Via tax bill	Via tax bill	Charged at Transfer Station	Via tax bill to those serviced	Not applicable
Incorporated Multi-family	Via tax bill	Via tax bill	Charged at Transfer Station	Not applicable	Not applicable
Unincorporated Non-Residential	Via tax bill	Via tax bill	Charged at Transfer Station	Not applicable	Not applicable
Incorporated Non-Residential	Via tax bill	Via tax bill	Charged at Transfer Station	Not applicable	Not applicable

FY20 SOLID WASTE SERVICE CHARGES TO BE COLLECTED VIA REAL PROPERTY ACCOUNT BILLING

	Base Charge (\$/ton)	x	Billing Rate (tons/HH)	=	Disposal Charge	+	Base Systems Benefit Charge	+	Incremental Systems Benefit Charge	+	Refuse Collection Charge	+	Leaf Vacuuming Charge	=	Total Bill
Code Reference	48-32(a)(1)				48-32(c)(2)		48-8A(b)(2)(A)		48-8A(b)(2)(B)		48-29		48-47		
SUBDISTRICT A (Refuse Collection District)*															
Inside Leaf Vacuuming District	\$ 60.00		0.85867		\$ 51.52		\$ 20.97		\$ 140.77		\$ 95.00		\$ 108.16		\$ 416.42
Outside Leaf Vacuuming District Incorporated	\$ 60.00		0.85867		\$ 51.52		\$ 20.97		\$ 140.77		\$ 95.00				\$ 308.26
							\$ 20.97								\$ 20.97
SUBDISTRICT B SINGLE-FAMILY**															
Incorporated							\$ 20.97								\$ 20.97
Inside Leaf Vacuuming District Unincorporated	\$ 60.00		0.85867		\$ 51.52		\$ 20.97		\$ 140.77				\$ 108.16		\$ 321.42
Outside Leaf Vacuuming District Unincorporated	\$ 60.00		0.85867		\$ 51.52		\$ 20.97		\$ 140.77						\$ 213.26
MULTI-FAMILY RESIDENTIAL**															
Incorporated							\$ 4.39		\$ 11.67						\$ 16.06
Unincorporated							\$ 4.39		\$ 11.67						\$ 16.06
Outside Leaf Vacuuming District							\$ 4.39		\$ 11.67						\$ 16.06
Inside Leaf Vacuuming District							\$ 4.39		\$ 11.67				\$ 4.26		\$ 20.32
NONRESIDENTIAL - \$/2,000 SQ. FT. ***															
Code Reference															
Waste Generation Categories															
Low							\$ 68.27		\$ 50.96						\$ 119.23
Medium Low							\$ 204.80		\$ 152.87						\$ 357.67
Medium							\$ 341.34		\$ 254.79						\$ 596.13
Medium High							\$ -		\$ -						\$ -
High							\$ 614.41		\$ 458.61						\$ 1,073.02
OTHER FY20 SOLID WASTE FEES															
Base Solid Waste Charge under Section 48-32(a)(1): (This is known as the "Tipping Fee")	\$ 60.00	/disposal ton													
Waste delivered for disposal <500 lb loads in privately owned and operated vehicles or trailers <1,000 capacity per Section 48-32(c)(2):	\$ 0.00	/disposal ton													
							Solid Waste Service Charges (Section 48-32(a)(2)):								
								Paper and Commingled Containers					\$ 0.00	/ton	
								Solid Waste Service Charges (Section 48-32(b)(2)):							
								All Yard Trim received at the Transfer Station (weighing > 500 pounds/load)					\$ 46.00	/ton	
Waste delivered in open-top roll-off box	\$ 70.00	/disposal ton					Miscellaneous (48-31(f)):						Compost Bins	\$ 0.00	each

* Note: Base Systems Benefit Charges are set to cover County Base Systems Costs net of Disposal Charges.

** With respect to Base and Incremental Systems Benefit Charges, this category includes dwellings in buildings of six or fewer households.

*** The Nonresidential rate multiplied by the total number of 2,000 square foot units of enclosed area equals the nonresidential charge.

THIS PAGE INTENTIONALLY LEFT BLANK