
Solid Waste Services

MISSION STATEMENT

Provide world-class solid waste management for the people living and working in Montgomery County, in an environmentally progressive and economically sound manner, striving to reduce and recycle 70 percent of our waste. Vision: We aspire to provide the best solid waste services in the nation and meet the needs of our diverse community.

BUDGET OVERVIEW

The total recommended FY15 Operating Budget for the Division of Solid Waste Services is \$109,540,096, an increase of \$8,177,525 or 8.1 percent from the FY14 Approved Budget of \$101,362,571. Personnel Costs comprise 9.9 percent of the budget for 79 full-time positions and one part-time position, and a total of 103.01 FTEs. Total FTEs may include seasonal or temporary positions and may also reflect workforce charged to or from other departments or funds. Operating Expenses and Capital Outlay account for the remaining 90.1 percent of the FY15 budget.

LINKAGE TO COUNTY RESULT AREAS

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

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

DEPARTMENT PERFORMANCE MEASURES

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

ACCOMPLISHMENTS AND INITIATIVES

- ❖ *Continue the multi-media program begun in FY14 to increase awareness of the County's recycling program and the updated County recycling goal of recycling 70% of materials in the waste stream.*
- ❖ *Continue supporting the County's food waste program by providing food waste starter kits to customers.*
- ❖ *Increase awareness of the County's scrap metal recycling program and other Solid Waste initiatives by installing additional signage on Collection trucks.*
- ❖ *Managed over 700,000 tons of materials in FY13 in accordance with safety and environmental requirements.*
- ❖ *Served approximately 2,000 customers per day delivering waste and recyclable materials to our facilities for proper recycling or disposal.*
- ❖ *Worked with Transfer Station and Recycling staff to launch an anti-litter campaign, identifying and assisting customers who transport refuse without a tarping cover.*
- ❖ *Continued to work with multiple non-profits to provide computers, bicycles, building supplies, books and other items to residents recommended through social service agencies, educational institutions, and people in need.*
- ❖ *In FY13, conducted seven (7) confidential paper shredding/recycling collection events throughout the County, serving 4,027 vehicles. A total of 101.6 tons of confidential paper and cardboard was collected for shredding and recycling on-site.*
- ❖ *Productivity Improvements*

- **Certification of the Dickerson Composting Facility's (DCF), Environmental Management System (EMS) as compliant with International Organization for Standardization (ISO) 14001. Reducing fossil fuel consumption is one of the program objectives of the DCF. Reduced diesel fuel use by approximately 9,000 gallons during FY13.**
- **Executive Regulation 7-12 sets a recycling goal for the County to recycle 70 percent of waste generated by 2020. The County has adopted the State of Maryland methodology per the Maryland Recycling Act to measure the County's recycling, and will include the Source Reduction Credit used to calculate the Waste Diversion Rate. According to Maryland Department of the Environment (MDE), the County's CY 2012 recycling rate is 54.81 percent. Solid Waste achieved the maximum allowable 5 percent source reduction credit awarded by MDE. The County's CY 2012 Waste Diversion Rate is 59.81 percent, the highest in the state.**
- **The Recycling Center now separates bulky rigid plastics and PET thermoform plastics. We have officially accepted bulky rigid plastics since September 2013 and PET thermoform plastics since June 2012. DEP anticipates approximately \$20,000 per year in revenue from bulky rigid plastics and \$28,000 per year in revenue from PET thermoform plastics.**
- **Continue efforts to coordinate and integrate whenever feasible the execution and completion of recycling outreach, education, training, and evaluation tasks to ensure that the maximum amount of recycling is achieved. Designed the majority of all artwork and other educational materials internally using InDesign software. Estimated savings for FY14 is approximately \$66,330.**
- **Identified markets through Maryland Environmental Service for used batteries, textiles, vegetable oil and bulky plastics which may increase commodity revenues by approximately \$100,000 per year.**

PROGRAM CONTACTS

Contact Scott McClure of the Division of Solid Waste Services at 240.777.6436 or Matt Schaeffer of the Office of Management and Budget at 240.777.2751 for more information regarding this department's operating budget.

PROGRAM DESCRIPTIONS

Administration and Support

This program provides budget management, program and management analysis, contract administration, and administrative support; manages enterprise fund business processes and supports solid waste policy issues through system evaluation and analyses which includes rate setting and fiscal health management; performs financial analysis of enterprise funds, revenue forecasting and enhancement, ratepayer database management, hauler billing processing, and system-wide tonnage tracking and reporting; maintain statistical waste generation data, headline performance measures, and County Stat data; provide for the overall operation and maintenance of existing computer equipment, as well as the purchase of any new automation equipment and technology to support effective and efficient achievement of the Division's mission.

Program Performance Measures	Actual FY12	Actual FY13	Estimated FY14	Target FY15	Target FY16
Single-Family Solid Waste Charge: System Benefit Charge, covers the portion of the County costs of providing basic solid waste services for single-family waste not covered by disposal and tipping fees (dollars per household)	214	214	214	214	214

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	3,104,106	16.98
Increase Cost: FY15 Compensation Adjustment	375,008	0.00
Increase Cost: Retirement Adjustment	31,041	0.00
Increase Cost: General Office Support - Project Search Intern	27,685	0.50
Increase Cost: Group Insurance Adjustment	16,633	0.00
Increase Cost: Annualization of FY14 Personnel Costs	10,214	0.24
Decrease Cost: Miscellaneous operating expenses	-1,720	0.00
Decrease Cost: SWD Automation - computer repair expenses	-30,000	0.00
Decrease Cost: Charges from other departments	-53,682	-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.	135,909	5.96
FY15 CE Recommended	3,615,194	23.58

Commercial Recycling and Waste Reduction

This program provides for mandatory commercial sector recycling and waste reduction and 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 apply to not-for-profit organizations, as well as federal, state and local government facilities.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	2,002,080	10.50
Increase Cost: Food Waste Program - food waste starter kits	61,500	0.00
Decrease Cost: Commercial Recycling - general office expenses	-10,424	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.	-7,306	0.50
FY15 CE Recommended	2,045,850	11.00

Dickerson Compost Facility

This program includes all processing, transporting, composting, and marketing of yard trim received by the County, including leaves received via the Leaf Vacuuming Program. Processing includes grinding brush to produce mulch at the Transfer Station, as well as composting all leaves and grass at the County's Composting Facility in Dickerson. Transportation includes all shipping into and out of the Compost Facility. Leaves and grass, after processing at Dickerson, are sold as high-quality compost soil amendment in bulk and bags.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	3,494,789	1.15
Increase Cost: Equipment Replacement purchases	1,857,206	0.00
Increase Cost: Compost Facility - mandatory contractual increase	382,031	0.00
Increase Cost: Risk Management Adjustment	116,150	0.00
Decrease Cost: Elimination of One-Time Items Approved in FY14	-936,075	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.	-338,845	0.00
FY15 CE Recommended	4,575,256	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.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	92,356	0.57
Decrease Cost: Dickerson Master Plan - program expenses	-3,244	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.	4,940	0.00
FY15 CE Recommended	94,052	0.57

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 further 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.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	1,263,412	1.31
Decrease Cost: Gude Landfill - remediation plan costs	-326,540	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.	-8,797	0.00
FY15 CE Recommended	928,075	1.31

Household and Small Quantity Household Hazardous Materials

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.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	1,005,002	0.00
Increase Cost: Household Waste - contract cost	25,105	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.	-600	0.00
FY15 CE Recommended	1,029,507	0.00

Housing and Environmental Permit 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).

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	1,134,309	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.	30,617	0.00
FY15 CE Recommended	1,164,926	9.93

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.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	1,467,256	1.52
Increase Cost: Oaks Landfill - increase cost of groundwater monitoring activities	28,757	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.	33,889	0.00
FY15 CE Recommended	1,529,902	1.52

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 Petersburg, Virginia, where it is unloaded and transported by truck to a contracted landfill facility 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 modern landfill facilities owned by Republic Services. The dedicated landfill in Brunswick County, Virginia is available for ash or other materials that cannot be recycled. This program also provides for the shipment of nonprocessible waste, such as construction material and, if necessary, bypass waste, from the Transfer Station to either recycling facilities or the contracted landfill in Brunswick County.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	8,850,424	1.00
Increase Cost: Out-of-County Haul - contract increase due to increased tonnage	612,335	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.	20,278	0.00
FY15 CE Recommended	9,483,037	1.00

Recycling & Waste Reduction - Multi-Family Dwellings

This program provides for mandatory recycling and waste reduction for multi-family properties. Program efforts include technical support, assistance, education, outreach and training on 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.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	881,675	4.50
Decrease Cost: Multi-Family Recycling - reduced printing costs	-8,829	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.	-41,957	-0.50
FY15 CE Recommended	830,889	4.00

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 from municipalities and multi-family properties which have established similar types of programs. The materials are then sorted and shipped to markets for recycling; also provides for the management of the County's residential mixed paper. Residential mixed paper includes newspaper, corrugated containers, kraft paper bags, magazines, telephone directories, and unwanted mail.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	6,148,301	3.00
Increase Cost: Recycle Center - contract cost	120,902	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.	477,807	0.00
FY15 CE Recommended	6,747,010	3.00

Recycling Outreach & Education

This program provides for broadly educating the general public 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 tool supporting solid waste program goals and ensuring the success of recycling initiatives and working to achieve the County's recycling goal.

Program Performance Measures	Actual FY12	Actual FY13	Estimated FY14	Target FY15	Target FY16
Percent of Total Municipal Solid Waste Recycled ¹	**60%	**61%	**62%	**63%	**64%
Percent of Multi-family Municipal Solid Waste Recycled ²	**28%	**27%	**27%	**28%	**29%
Percent of Single-family Municipal Solid Waste Recycled ³	**66%	**65%	**66%	**67%	**68%
Percent of Non-residential Municipal Solid Waste Recycled ⁴	**57%	**59%	**60%	**61%	**63%
Multi-Family Recycling (tonnages)	24,989	29,6592	29,810	31,108	32,395
Non-Residential Recycling (tonnages)	297,202	326,959	336,733	349,487	363,942
Number of Site Visits to Provide Recycling Assistance to Businesses	8,896	10,987	11,000	12,000	12,000
Single-Family Recycling (tonnages)	264,026	266,901	273,362	281,809	289,993
Tons Recycled Overall	586,217	623,452	639,905	662,404	686,330

¹ **Adopted the State of Maryland methodology for measuring the County's recycling rate; Beginning with CY12 this measure is the Waste Diversion Rate (Recycling Rate + Source Reduction Credit)

² **Adopted the State of Maryland methodology for measuring the County's recycling rate; Beginning with CY12 this measure is the Waste

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⁴ **Adopted the State of Maryland methodology for measuring the County's recycling rate; Beginning with CY12 this measure is the Waste Diversion Rate (Recycling Rate + Source Reduction Credit)

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	667,091	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.	-52,424	0.00
FY15 CE Recommended	614,667	2.00

Residential Collection

This program provides for securing, administering, monitoring, and enforcing countywide contracts with private collectors for collection of residential refuse and responding to the service needs of residents. Staff processes service requests from MC311 to ensure timely fulfillment by collection contracts. 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. Staff maintains the database of households served and administers the billing of that service.

Program Performance Measures	Actual FY12	Actual FY13	Estimated FY14	Target FY15	Target FY16
Average number of recycling collections missed per week, not picked up within 24 hours	7	5	6	6	6
Average number of refuse collections missed per week, not picked up within 24 hours	3	3	3	3	3
Single-family Solid Waste Charge: Refuse Collection Fee, charged for once per week curbside collection including on-call bulk pickups (dollars per household)	70	66	66	66	72

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	25,251,740	26.80
Increase Cost: Residential Recycling - contract increase due to increased house counts	572,061	0.00
Increase Cost: Multi-media recycling education campaign	310,000	0.00
Increase Cost: Non-Residential Rate Study	224,929	0.00
Increase Cost: Residential Refuse - Collection contracts	200,673	0.00
Increase Cost: Recycling Carts - replacement and increased number of households	126,989	0.00
Increase Cost: Recycling program education and outreach - Collection truck signage	50,000	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.	-785,469	-4.80
FY15 CE Recommended	25,950,923	22.00

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. Electricity generated by the combustion of municipal solid waste is sold into the competitive energy market. Extensive environmental and operational monitoring is conducted, to meet contractual obligations and all applicable regulatory standards regarding the facility. 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 FY12	Actual FY13	Estimated FY14	Target FY15	Target FY16
Percent of Total Municipal Solid Waste Sent to Landfill ¹	13.1%	15.5%	14.1%	14.2%	14.2%

¹ The contributing factors: The County's successful recycling program; MSW combustion at the county's waste-to-energy (WTE) facility yielding ash capable of beneficial uses; the County's revised Out-of-County Ash disposal contract, which motivates additional metals recovery from ash and allows for beneficial uses of the remaining residue.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	41,042,210	1.25
Increase Cost: Resource Recovery Facility (RRF) Debt Service	3,055,941	0.00
Increase Cost: RRF - annual contractual increase based on actual net expenses	940,178	0.00
Decrease Cost: RRF - Electricity Sales Revenue	-36,698	0.00

	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.	24,600	0.00
FY15 CE Recommended	45,026,231	1.25

Satellite Site

This program operates 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 Rockville.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	225,312	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.	1,997	0.00
FY15 CE Recommended	227,309	1.70

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 Division of Operations as needed.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	149,398	0.40
Decrease Cost: Site 2 Landfill - site management expenses	-7,500	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.	1,283	0.00
FY15 CE Recommended	143,181	0.40

Solid Waste Transfer Station

The purpose of this program is to provide a receiving, processing, and shipping facility for municipal solid waste generated within the County. Yard waste is also received, processed, and shipped to the Compost Facility, mulch preserves, or other outlets. Other waste is handled or recycled including scrap metal, oil and anti-freeze, textiles, car batteries, and construction material. County staff operate the scale-house and oversee 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 FY12	Actual FY13	Estimated FY14	Target FY15	Target FY16
Number of Visits Related To Household Hazardous Waste Disposal	80,674	65,452	66,761	68,096	69,458

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	4,052,465	17.00
Increase Cost: Electronics Recycling contract	580,000	0.00
Increase Cost: Transfer Station - cost increases due to changes in price index for collected materials	104,665	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.	247,362	-1.00
FY15 CE Recommended	4,984,492	16.00

Support for Recycling Volunteers

The mission of this program is to recruit and retain resident volunteers to augment available staff resources to educate the general public and thereby improve participation in waste reduction, 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 in recycling.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	136,649	0.00
FY15 CE Recommended	136,649	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.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	313,643	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.	18,950	0.00
FY15 CE Recommended	332,593	2.60

Yard Trim Reduction Program

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.

FY15 Recommended Changes	Expenditures	FTEs
FY14 Approved	80,353	0.00
FY15 CE Recommended	80,353	0.00

BUDGET SUMMARY

	Actual FY13	Budget FY14	Estimated FY14	Recommended FY15	% Chg Bud/Rec
SOLID WASTE COLLECTION					
EXPENDITURES					
Salaries and Wages	933,367	885,941	889,586	928,157	4.8%
Employee Benefits	298,662	314,083	314,085	324,440	3.3%
Solid Waste Collection Personnel Costs	1,232,029	1,200,024	1,203,671	1,252,597	4.4%
Operating Expenses	4,671,140	4,979,950	4,959,950	5,162,238	3.7%
Capital Outlay	0	0	0	0	—
Solid Waste Collection Expenditures	5,903,169	6,179,974	6,163,621	6,414,835	3.8%
PERSONNEL					
Full-Time	74	4	4	4	—
Part-Time	0	0	0	0	—
FTEs	92.20	10.43	10.43	10.59	1.5%
REVENUES					
Investment Income	503	0	630	1,220	—
Licensing Fee	-1,022	0	0	0	—
Miscellaneous Revenues	30,239	0	5,000	0	—
Systems Benefit Charge	6,019,615	6,039,660	6,029,525	6,052,200	0.2%
Other Charges/Fees	13,107	0	0	0	—
Solid Waste Collection Revenues	6,062,442	6,039,660	6,035,155	6,053,420	0.2%
SOLID WASTE DISPOSAL					
EXPENDITURES					
Salaries and Wages	6,564,197	6,722,643	6,678,406	7,035,656	4.7%
Employee Benefits	2,380,984	2,443,508	2,417,849	2,536,354	3.8%
Solid Waste Disposal Personnel Costs	8,945,181	9,166,151	9,096,255	9,572,010	4.4%
Operating Expenses	89,613,750	85,587,617	83,242,066	91,696,045	7.1%
Capital Outlay	0	428,829	0	1,857,206	333.1%
Solid Waste Disposal Expenditures	98,558,931	95,182,597	92,338,321	103,125,261	8.3%
PERSONNEL					
Full-Time	5	75	75	75	—
Part-Time	0	0	0	1	—
FTEs	11.19	91.78	91.78	92.42	0.7%
REVENUES					
Investment Income	24,239	0	72,280	140,260	—
Miscellaneous Revenues	317,071	6,103,913	4,830,643	5,245,514	-14.1%
Property Rentals	14,838	0	0	0	—
Sale of Recycled Materials	3,475,773	4,676,147	4,676,147	4,250,436	-9.1%
Solid Waste Disposal Fees/Operating Revenues	19,421,829	25,693,030	26,411,060	27,509,320	7.1%
Systems Benefit Charge	68,009,647	58,204,150	58,872,590	59,061,380	1.5%
Other Charges/Fees	293,695	0	0	0	—
Other Fines/Forfeitures	22,464	0	0	0	—
Other Licenses/Permits	18,875	7,500	0	0	—
Solid Waste Disposal Revenues	91,598,431	94,684,740	94,862,720	96,206,910	1.6%
DEPARTMENT TOTALS					
Total Expenditures	104,462,100	101,362,571	98,501,942	109,540,096	8.1%
Total Full-Time Positions	79	79	79	79	—
Total Part-Time Positions	0	0	0	1	—
Total FTEs	103.39	102.21	102.21	103.01	0.8%
Total Revenues	97,660,873	100,724,400	100,897,875	102,260,330	1.5%

FY15 RECOMMENDED CHANGES

	Expenditures	FTEs
SOLID WASTE COLLECTION		
FY14 ORIGINAL APPROPRIATION	6,179,974	10.43
Other Adjustments (with no service impacts)		
Increase Cost: Residential Refuse - Collection contracts [Residential Collection]	200,673	0.00
Increase Cost: FY15 Compensation Adjustment	45,532	0.00
Decrease Cost: Annualization of FY14 Personnel Costs	7,788	0.06
Increase Cost: Risk Management Adjustment	6,490	0.00
Increase Cost: Retirement Adjustment	4,075	0.00
Increase Cost: Printing and Mail	3,112	0.00
Increase Cost: Group Insurance Adjustment	1,947	0.00
Decrease Cost: Miscellaneous operating expenses [Administration and Support]	-1,720	0.00
Decrease Cost: Motor Pool Rate Adjustment	-2,647	0.00
Decrease Cost: Charges from other departments	-6,769	0.10
Decrease Cost: Retiree Health Insurance Pre-Funding Adjustment	-23,620	0.00
FY15 RECOMMENDED:	6,414,835	10.59
SOLID WASTE DISPOSAL		
FY14 ORIGINAL APPROPRIATION	95,182,597	91.78
Other Adjustments (with no service impacts)		
Increase Cost: Resource Recovery Facility (RRF) Debt Service [Resource Recovery Facility & Related Waste Transfer]	3,055,941	0.00
Increase Cost: Equipment Replacement purchases [Dickerson Compost Facility]	1,857,206	0.00
Increase Cost: RRF - annual contractual increase based on actual net expenses [Resource Recovery Facility & Related Waste Transfer]	940,178	0.00
Increase Cost: Out-of-County Haul - contract increase due to increased tonnage [Out-of-County Refuse Disposal]	612,335	0.00
Increase Cost: Electronics Recycling contract [Solid Waste Transfer Station]	580,000	0.00
Increase Cost: Residential Recycling - contract increase due to increased house counts [Residential Collection]	572,061	0.00
Increase Cost: Compost Facility - mandatory contractual increase [Dickerson Compost Facility]	382,031	0.00
Increase Cost: FY15 Compensation Adjustment [Administration and Support]	375,008	0.00
Increase Cost: Multi-media recycling education campaign [Residential Collection]	310,000	0.00
Increase Cost: Non-Residential Rate Study [Residential Collection]	224,929	0.00
Increase Cost: Recycling Carts - replacement and increased number of households [Residential Collection]	126,989	0.00
Increase Cost: Recycle Center - contract cost [Recycling Center]	120,902	0.00
Increase Cost: Risk Management Adjustment [Dickerson Compost Facility]	116,150	0.00
Increase Cost: Transfer Station - cost increases due to changes in price index for collected materials [Solid Waste Transfer Station]	104,665	0.00
Increase Cost: Food Waste Program - food waste starter kits [Commercial Recycling and Waste Reduction]	61,500	0.00
Increase Cost: Recycling program education and outreach - Collection truck signage [Residential Collection]	50,000	0.00
Increase Cost: Retirement Adjustment [Administration and Support]	31,041	0.00
Increase Cost: Oaks Landfill - increase cost of groundwater monitoring activities [Oaks Landfill]	28,757	0.00
Increase Cost: General Office Support - Project Search Intern [Administration and Support]	27,685	0.50
Increase Cost: Household Waste - contract cost [Household and Small Quantity Household Hazardous Materials]	25,105	0.00
Increase Cost: Group Insurance Adjustment [Administration and Support]	16,633	0.00
Increase Cost: Annualization of FY14 Personnel Costs [Administration and Support]	10,214	0.24
Increase Cost: Printing and Mail	166	0.00
Decrease Cost: Dickerson Master Plan - program expenses [Dickerson Master Plan Implementation]	-3,244	0.00
Decrease Cost: Site 2 Landfill - site management expenses [Site 2]	-7,500	0.00
Decrease Cost: Multi-Family Recycling - reduced printing costs [Recycling & Waste Reduction - Multi-Family Dwellings]	-8,829	0.00
Decrease Cost: Commercial Recycling - general office expenses [Commercial Recycling and Waste Reduction]	-10,424	0.00
Decrease Cost: SWD Automation - computer repair expenses [Administration and Support]	-30,000	0.00
Decrease Cost: RRF - Electricity Sales Revenue [Resource Recovery Facility & Related Waste Transfer]	-36,698	0.00
Decrease Cost: Charges from other departments [Administration and Support]	-53,682	-0.10
Decrease Cost: Retiree Health Insurance Pre-Funding Adjustment	-273,840	0.00
Decrease Cost: Gude Landfill - remediation plan costs [Gude Landfill]	-326,540	0.00
Decrease Cost: Elimination of One-Time Items Approved in FY14 [Dickerson Compost Facility]	-936,075	0.00
FY15 RECOMMENDED:	103,125,261	92.42

PROGRAM SUMMARY

Program Name	FY14 Approved		FY15 Recommended	
	Expenditures	FTEs	Expenditures	FTEs
Administration and Support	3,104,106	16.98	3,615,194	23.58
Commercial Recycling and Waste Reduction	2,002,080	10.50	2,045,850	11.00
Dickerson Compost Facility	3,494,789	1.15	4,575,256	1.15
Dickerson Master Plan Implementation	92,356	0.57	94,052	0.57
Gude Landfill	1,263,412	1.31	928,075	1.31
Household and Small Quantity Household Hazardous Materials	1,005,002	0.00	1,029,507	0.00
Housing and Environmental Permit Enforcement	1,134,309	9.93	1,164,926	9.93
Oaks Landfill	1,467,256	1.52	1,529,902	1.52
Out-of-County Refuse Disposal	8,850,424	1.00	9,483,037	1.00
Recycling & Waste Reduction - Multi-Family Dwellings	881,675	4.50	830,889	4.00
Recycling Center	6,148,301	3.00	6,747,010	3.00
Recycling Outreach & Education	667,091	2.00	614,667	2.00
Residential Collection	25,251,740	26.80	25,950,923	22.00
Resource Recovery Facility & Related Waste Transfer	41,042,210	1.25	45,026,231	1.25
Satellite Site	225,312	1.70	227,309	1.70
Site 2	149,398	0.40	143,181	0.40
Solid Waste Transfer Station	4,052,465	17.00	4,984,492	16.00
Support for Recycling Volunteers	136,649	0.00	136,649	0.00
Waste System Planning	313,643	2.60	332,593	2.60
Yard Trim Reduction Program	80,353	0.00	80,353	0.00
Total	101,362,571	102.21	109,540,096	103.01

CHARGES TO OTHER DEPARTMENTS

Charged Department	Charged Fund	FY14		FY15	
		Total\$	FTEs	Total\$	FTEs
SOLID WASTE DISPOSAL					
General Services	County General Fund	227,957	0.00	276,438	0.00
Liquor Control	Liquor Control	16,934	0.00	20,574	0.00
Parking District Services	Bethesda Parking District	60,665	0.00	73,697	0.00
Parking District Services	Montgomery Hills Parking District	1,893	0.00	2,303	0.00
Parking District Services	Silver Spring Parking District	115,650	0.00	140,484	0.00
Parking District Services	Wheaton Parking District	11,372	0.00	13,818	0.00
Total		434,471	0.00	527,314	0.00

FUTURE FISCAL IMPACTS

Title	CE REC.			(\$000's)			
	FY15	FY16	FY17	FY18	FY19	FY20	
This table is intended to present significant future fiscal impacts of the department's programs.							
SOLID WASTE COLLECTION							
Expenditures							
FY15 Recommended	6,415	6,415	6,415	6,415	6,415	6,415	
No inflation or compensation change is included in outyear projections.							
Labor Contracts	0	13	13	13	13	13	
These figures represent the estimated annualized cost of general wage adjustments, service increments, and associated benefits.							
Labor Contracts - Other	0	-1	-1	-1	-1	-1	
These figures represent other negotiated items included in the labor agreements.							
Retiree Health Insurance Pre-Funding	0	-1	-2	-3	-4	-5	
These figures represent the estimated cost of the multi-year plan to pre-fund retiree health insurance costs for the County's workforce.							
Subtotal Expenditures	6,415	6,426	6,424	6,424	6,422	6,421	
SOLID WASTE DISPOSAL							
Expenditures							
FY15 Recommended	103,125	103,125	103,125	103,125	103,125	103,125	
No inflation or compensation change is included in outyear projections.							
Elimination of One-Time Items Approved in FY15	0	-773	-773	-773	-773	-773	
Items approved for one-time funding in FY15 - including food waste recycling kits (\$61,500); multi-media campaign (\$310,000); collection truck signage (\$50,000); recycling cart replacements (\$126,989); and a non-residential rate study (\$224,929) - will be eliminated from the base in the outyears.							

Title	CE REC.					
	FY15	FY16	FY17	(\$000's)		
	FY18	FY19	FY20			
Labor Contracts	0	104	104	104	104	104
These figures represent the estimated annualized cost of general wage adjustments, service increments, and associated benefits.						
Labor Contracts - Other	0	-9	-9	-9	-9	-9
These figures represent other negotiated items included in the labor agreements.						
Resource Recovery Facility (RRF) Debt Service Schedule	0	-1,482	-22,890	-22,890	-22,890	-22,890
Debt restructuring and debt payoff at the end of FY16.						
Retiree Health Insurance Pre-Funding	0	-14	-35	-51	-72	-93
These figures represent the estimated cost of the multi-year plan to pre-fund retiree health insurance costs for the County's workforce.						
Subtotal Expenditures	103,125	100,950	79,522	79,505	79,484	79,464

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SOLID WASTE ENTERPRISE FUND

RATES AND FISCAL PROJECTIONS FOR FY15-20

Assumptions:

- Refuse collection services are maintained at their current level, with the annual household collection charge remaining at \$66.00.
- The disposal fee for municipal solid waste received at the Transfer Station (known as the “Tipping Fee”) is unchanged at \$56.00 per ton.
- Solid waste system service charges are adjusted to ensure the fiscal health of the fund (i.e., positive cash and retained earnings). The Executive recommends no change in the single-family service charge of \$213.75.
- Expenditures for certain programs, such as the Resource Recovery Facility, Out-of-County Haul, and Mixed Paper Recycling, are calculated based on waste generation, disposal, and recycling estimates, as well as inflation. Other expenditures are increased by inflation, except where contract or scheduled costs apply.
- On January 31, 2014, the Department of Environmental Protection (DEP) delivered its Assessment of Corrective Measures report to the Maryland Department of the Environment (MDE). The report recommended a preferred remediation option that is a multi-year plan to implement remediation measures at the Gude Landfill estimated to cost as much as \$57 million over twenty years. Based on a probability analysis performed by the consulting engineer that helped DEP produce the report, in accordance with the requirements of a Consent Order between the County and MDE, the County’s probable Gude remediation costs over a 20-year period would total \$28.5 million. The Department of Finance has determined that this amount must be recognized as a liability in the County’s financial statements. Because this is an extraordinary, one-time impact on fund balance, the Executive does not recommend adjusting rates. The Disposal Fund cash position is expected to regain its margin above reserve and liability requirements by FY18.

FY15-20 PUBLIC SERVICES PROGRAM: FISCAL PLAN

Solid Waste Collection

FISCAL PROJECTIONS	FY14 ESTIMATE	FY15 REC	FY16 PROJECTION	FY17 PROJECTION	FY18 PROJECTION	FY19 PROJECTION	FY20 PROJECTION
ASSUMPTIONS							
Indirect Cost Rate	15.69%	15.87%	15.87%	15.87%	15.87%	15.87%	15.87%
CPI (Fiscal Year)	1.6%	2.0%	2.2%	2.5%	2.6%	2.4%	2.3%
Investment Income Yield	0.19%	0.35%	0.95%	1.55%	2.15%	2.85%	3.45%
Number of Households	91,365	91,701	92,088	92,475	92,862	93,249	93,636
Charge per Household (once-weekly refuse collection)	\$66.00	\$66.00	\$71.50	\$77.50	\$79.50	\$83.50	\$86.00
BEGINNING FUND BALANCE	2,366,270	2,034,994	1,048,636	724,963	779,930	843,127	1,126,854
REVENUES							
Charges For Services	6,029,525	6,052,200	6,584,220	7,166,740	7,382,450	7,786,210	8,052,610
Miscellaneous	5,630	1,220	3,490	6,000	8,770	12,250	15,620
Subtotal Revenues	6,035,155	6,053,420	6,587,710	7,172,740	7,391,220	7,798,460	8,068,230
INTERFUND TRANSFERS (Net Non-CIP)							
Transfers To The General Fund	(202,810)	(203,943)	(318,390)	(333,880)	(339,560)	(329,230)	(321,490)
Indirect Costs	(188,280)	(188,619)	(198,790)	(198,790)	(198,790)	(198,790)	(198,790)
Desktop Computer Modernization	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)
TOTAL RESOURCES	8,198,615	7,884,471	7,317,956	7,563,823	7,831,590	8,312,357	8,873,594
CIP CURRENT REVENUE APPROP.							
PSP OPER. BUDGET APPROP/ EXPS.	0	(421,000)	0	0	0	0	0
Operating Budget	(6,163,621)	(6,414,835)	(6,582,295)	(6,774,285)	(6,979,735)	(7,177,895)	(7,571,365)
Retiree Health Insurance Pre-Funding	n/a	n/a	770	1,860	2,740	3,860	4,950
Labor Contracts	n/a	n/a	(11,468)	(11,468)	(11,468)	(11,468)	(11,468)
Subtotal PSP Oper Budget Approp / Exp's	(6,163,621)	(6,414,835)	(6,592,993)	(6,783,893)	(6,988,463)	(7,185,503)	(7,577,883)
TOTAL USE OF RESOURCES	(6,163,621)	(6,835,835)	(6,592,993)	(6,783,893)	(6,988,463)	(7,185,503)	(7,577,883)
YEAR END FUND BALANCE	2,034,994	1,048,636	724,963	779,930	843,127	1,126,854	1,295,711
END-OF-YEAR RESERVES AS A PERCENT OF RESOURCES	24.8%	13.3%	9.9%	10.3%	10.8%	13.6%	14.6%

Assumptions:

1. Refuse collection charges are adjusted to achieve cost recovery.

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% and 15% of resources at the end of the six-year planning period. The fund balance policy for the Collection Fund was approved in August 2004.
 2. The 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.

FY15-20 DIVISION OF SOLID WASTE SERVICES

FISCAL PROJECTIONS	ESTIMATED FY14	PROJECTED FY15	PROJECTED FY16	PROJECTED FY17	PROJECTED FY18	PROJECTED FY19	PROJECTED FY20
Single-Family Charges (\$/Household)	213.75	213.75	213.75	213.75	202.27	192.57	191.26
% change in rate from previous year	0.0%	0.0%	0.0%	0.0%	-5.4%	-4.8%	-0.7%
Multi-Family Charges (\$/Dwelling Unit)	16.73	16.73	16.73	16.73	14.57	13.04	11.23
% change in rate from previous year	0.0%	0.0%	0.0%	0.0%	-12.9%	-10.5%	-13.9%
Nonresidential Charges (medium "category" charge)	621.21	621.21	621.21	621.21	547.17	445.92	348.66
% change in rate from previous year	5.5%	0.0%	0.0%	0.0%	-11.9%	-18.5%	-21.8%
Nonresidential Charges (average \$/2000 sq. ft.)	239.72	239.72	239.72	239.72	207.00	168.69	131.90

OPERATIONS CALCULATION

REVENUES							
Disposal Fees	26,411,060	27,509,320	28,075,553	28,653,332	29,242,897	29,895,248	30,561,319
Charges for Services/SBC	58,872,590	59,061,380	59,704,737	60,019,191	55,425,698	49,491,668	46,237,509
Miscellaneous	9,506,790	9,495,950	9,542,281	9,589,330	9,631,347	9,668,322	9,705,423
Investment Income	72,280	140,260	401,030	689,240	1,007,090	1,406,250	1,793,190
Subtotal Revenues	94,862,720	96,206,910	97,723,601	98,951,093	95,307,032	90,461,488	88,297,441
INTERFUND TRANSFERS	404,020	834,305	1,241,943	1,046,252	1,142,663	889,418	427,065
EXPENDITURES							
Personnel Costs	(9,096,255)	(9,572,010)	(10,021,894)	(10,543,033)	(11,122,900)	(11,756,905)	(12,427,049)
Operating Expenses	(82,813,237)	(91,696,045)	(88,874,382)	(71,188,964)	(72,448,140)	(75,774,674)	(79,628,101)
Capital Outlay	(428,829)	(1,857,206)	(2,544,858)	(3,694,066)	(2,471,844)	(1,938,688)	(164,148)
Other Expenditure Restrictions Raised in Prior Years							
Subtotal Expenditures	(92,338,321)	(103,125,261)	(101,441,134)	(85,426,063)	(86,042,883)	(89,470,266)	(92,219,298)
CURRENT RECEIPTS TO CIP	-	(718,000)	-	-	-	-	-
OTHER CLAIMS ON FUND BALANCE							
POTENTIAL FUTURE EXPENDITURES (Gude Remediation)			(746,000)	(756,000)	(1,090,000)	(732,000)	(484,000)
PAYOUT OF GUDE REMEDIATION			746,000	756,000	1,090,000	732,000	484,000
CY GUDE REMEDIATION	(28,500,000)						
PAYOUT OF CLOSURE COSTS (Non-CIP)	1,418,834	1,494,903	1,538,505	1,591,128	1,650,386	1,715,214	1,777,081
CY ACCRUED CLOSURE COSTS	(32,843)	(37,113)	(43,602)	(52,624)	(59,257)	(64,828)	(67,441)
NET CHANGE	(24,185,590)	(5,344,257)	(980,687)	16,109,787	11,997,940	3,531,025	(1,785,152)

CASH POSITION

ENDING CASH & INVESTMENTS							
Unrestricted Cash	25,962,180	22,504,653	23,733,404	37,386,888	45,788,042	46,768,751	43,395,487
Restricted Cash	33,104,875	31,298,934	27,405,060	27,693,027	28,700,857	29,553,313	29,782,413
Subtotal Cash & Investments	59,067,055	53,803,587	51,138,465	65,079,916	74,488,899	76,322,064	73,177,900
RESERVE & LIABILITY REQUIREMENTS							
Management Reserve	(25,781,315)	(25,360,284)	(21,356,516)	(21,510,721)	(22,367,567)	(23,054,824)	(23,112,615)
Debt Service Reserve	-	-	-	-	-	-	-
Future System Contingency Reserve	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)
Research & Development Reserve	(368,485)	(368,485)	(368,485)	(368,485)	(368,485)	(368,485)	(368,485)
Renewal & Replacement Reserve	(3,974,771)	(4,070,165)	(4,180,060)	(4,313,822)	(4,464,805)	(4,630,003)	(4,801,313)
Stability Reserve	(1,980,304)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)
Subtotal Reserve Requirements	(33,104,875)	(31,298,934)	(27,405,060)	(27,693,027)	(28,700,857)	(29,553,313)	(29,782,413)
Closure/Postclosure Liability	(15,943,224)	(14,485,434)	(12,990,530)	(11,452,025)	(9,860,897)	(8,210,511)	(6,500,872)
Gude Remediation Liability	(28,500,000)	(28,500,000)	(27,754,000)	(26,998,000)	(25,908,000)	(25,176,000)	(24,692,000)
Current Liabilities Not Including Debt/Closure	-	-	-	-	-	-	-
Subtotal Reserve & Liability Requirements	(77,548,099)	(74,284,368)	(68,149,591)	(66,143,053)	(64,469,754)	(62,939,824)	(60,975,285)
CASH & INVESTMENTS OVER/(UNDER)	(18,481,044)	(20,480,781)	(17,011,126)	(1,063,137)	10,019,145	13,382,240	12,202,616

Net Assets

ENDING NET ASSETS	50,153,340	47,363,778	48,746,658	68,065,931	82,452,790	88,326,821	87,114,079
Less: Reserve Requirements	(33,104,875)	(31,298,934)	(27,405,060)	(27,693,027)	(28,700,857)	(29,553,313)	(29,782,413)
NET ASSETS OVER/(UNDER)	17,048,465	16,064,845	21,341,597	40,372,904	53,751,933	58,773,509	57,331,666

FY15 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 Charge	Incremental Systems Benefit Charge	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

FY15 RECOMMENDED SOLID WASTE SERVICE CHARGES TO BE COLLECTED VIA REAL PROPERTY ACCOUNT BILLING

Code Reference	Base Charge	x	Billing Rate	=	Disposal Charge	+	Base Systems Benefit Charge	+	Incremental Systems Benefit Charge	+	Refuse Collection Charge	+	Leaf Vacuuming Charge	=	Total Bill
	(\$/ton)		(tons/HH)		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	\$ 56.00		0.84411		\$ 47.27		\$ 38.11		\$ 128.37		\$ 66.00		\$ 88.91		\$ 368.66
Outside Leaf Vacuuming District	\$ 56.00		0.84411		\$ 47.27		\$ 38.11		\$ 128.37		\$ 66.00				\$ 279.75
Incorporated							\$ 38.11								\$ 38.11
SUBDISTRICT B SINGLE-FAMILY**															
Incorporated							\$ 38.11								\$ 38.11
Inside Leaf Vacuuming District															
Unincorporated	\$ 56.00		0.84411		\$ 47.27		\$ 38.11		\$ 128.37				\$ 88.91		\$ 302.66
Outside Leaf Vacuuming District															
Unincorporated	\$ 56.00		0.84411		\$ 47.27		\$ 38.11		\$ 128.37						\$ 213.75
MULTI-FAMILY RESIDENTIAL**															
Incorporated							\$ 8.80		\$ 7.93						\$ 16.73
Unincorporated															
Outside Leaf Vacuuming District							\$ 8.80		\$ 7.93						\$ 16.73
Inside Leaf Vacuuming District							\$ 8.80		\$ 7.93				\$ 3.54		\$ 20.27
NONRESIDENTIAL - \$/2,000 SQ. FT. ***															
Code Reference															
Waste Generation Categories															
Low															
							\$ 105.72		\$ 18.52						\$ 124.24
Medium Low															
							\$ 317.17		\$ 55.55						\$ 372.72
Medium															
							\$ 528.63		\$ 92.58						\$ 621.21
Medium High															
							\$ 740.08		\$ 129.61						\$ 869.69
High															
							\$ 951.53		\$ 166.65						\$ 1,118.18
OTHER RECOMMENDED FY 15 SOLID WASTE FEES															
Refuse received at the Transfer Station (weighting >= 500 lb/load):															
(This is known as the "Tipping Fee") \$56.00 /disposal ton															
Refuse received at the Transfer Station (weighting < 500 lb/load):															
\$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 \$66.00 /disposal ton															
Miscellaneous (48-31(f)): Compost Bins \$0.00 each															

* Note: Base System Benefit Charges are set to cover County Base System Costs net of Disposal Charges.
 ** With respect to Base and Incremental System 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.

