

May 5, 2009

Worksession

MEMORANDUM

May 1, 2009

TO: County Council

FROM: *KL* Keith Levchenko, Senior Legislative Analyst

SUBJECT: Worksession: FY10 Department of Environmental Protection (DEP)-Division of Solid Waste Services Operating Budget and FY10 Solid Waste Charges

Transportation, Infrastructure, Energy & Environment (T&E) Committee

Recommendations:

- **Approve the Solid Waste Services Operating Budget as recommended by the County Executive.**
- **Approve FY10 Solid Waste charges as recommended by the County Executive.**

The Executive's recommendation for the Division of Solid Waste Services is attached on ©1-18.

OVERVIEW

On March 24, 2009 the Council adopted an update to the County's Comprehensive Solid Waste Management 10 Year Plan. On March 9th, as part of this review, the T&E Committee discussed a number of policy issues that are typically discussed during the budget process. Given this recent review, the focus of this memorandum is only on policy issues not already covered, major budget changes, the FY10 Recommended Solid Waste charges, and the County Executive's Recommended CIP amendment to the Transfer Station Improvements project.

Expenditure Summary

For FY10, the Executive recommends total expenditures of \$102,461,690 for the Division of Solid Waste Services, a \$1.6 million increase (or 1.6%) from the FY09 approved budget. *Note: The Leaf Vacuuming Fund is recommended to move to the Department of*

Transportation "in order to consolidate operational and fiscal responsibilities in one department." For purposes of this review, the leaf vacuuming fund expenditures and revenues have been removed from the FY09 as well. Leaf vacuuming charges are still included with the other Recommended Solid Waste charges which are discussed in this memorandum.

**Table #1
DPW&T-Solid Waste Services (All Funds)**

	Approved FY07	Rec FY08	Change from FY09	
			\$\$\$	%
Personnel Costs	10,061,660	10,228,170	166,510	1.7%
Operating Expenses	89,095,050	91,064,580	1,969,530	2.2%
Capital Outlay	1,691,660	1,168,940	(522,720)	-
Total	100,848,370	102,461,690	1,613,320	1.6%
Full-Time Positions	87	87	-	0.0%
Part-Time Positions	-	-	-	n/a
Workyears	106.5	104.7	(1.8)	-1.7%

Positions and Lapse

The Executive recommends no new positions or position abolishments for FY10. There are some technical adjustments affecting workyears.

For FY10, lapse is recommended at \$86,725 and 2.0 workyears (the same as for FY08 and FY09). According to DSWS staff, for FY09, estimated lapse is 2.5 workyears.

From a dollar standpoint, the lapse rate (about 1.0 percent) is fairly low. However, since the personnel complement budget is enterprise funded, any potential surplus dollars at the end of year that may occur as a result of lapse (or any other budget savings) revert to fund balance and are taken into account in the rate setting and budget process the next year.

Revenue Summary

DSWS activities are primarily supported by various solid waste charges that support the dedicated enterprise funds (see ©17 for a description of the service charges). On March 31, the Council introduced a resolution setting solid waste charges for FY10. A table showing the FY09 approved charges and the FY10 recommended charges is presented on Page 9 of this memorandum along with more details regarding each charge.

Some highlights of the Executive's recommended charges include:

- No change in any tipping fees. *Both the tip fee for refuse and for yard trim increased by \$4.00 two years ago.*
- Non-residential charges (which are based on waste generation categories and gross floor area) are recommended to increase 9.8%. The increase is due to the increase in the non-residential share of the overall waste generation which increased from 52.6% for FY09 to 54.5% for FY10.

- The leaf vacuuming charge is up about 1 percent for single-family and .5 percent for multi-family residences.
- Total multi-family charges (with or without the leaf vacuuming charge) remain virtually unchanged (+0.1 percent).
- Total single-family residential charges are increasing 2.7% to 3.5 percent depending on the categories of service provided.

The T&E Committee concurs with the FY10 Solid Waste charges as recommended by the Executive.

NOTE: In tandem with the resolution, the Executive transmits an Executive Regulation each year setting residential waste estimates which were used to develop the FY09 charges. The regulation is advertised in the April register and acted upon by the Council in May.

MAJOR CHANGES BY FUND

The Solid Waste Services budget is divided into two enterprise funds: Collection and Disposal. As mentioned earlier, a third fund, Vacuum Leaf Collection was moved to DOT. These funds are non-tax-supported funds for which revenues and expenditures are directly connected. Additions to or subtractions from the DSWS budget may change solid waste charges but will not affect General Fund resources.

Summary tables for each of the funds follow, along with some major highlights.

**Table #2
DPW&T-Solid Waste Services (Collection)**

	Approved FY09	Rec FY10	Change from FY09 \$\$\$	%
Personnel Costs	1,170,980	1,132,060	(38,920)	-3.3%
Operating Expenses	5,583,550	5,607,580	24,030	0.4%
Capital Outlay	-	-	-	-
Total	6,754,530	6,739,640	(14,890)	-0.2%
Full-Time Positions	10	10	-	0.0%
Part-Time Positions			-	n/a
Workyears	12.1	11.8	(0.3)	-2.5%

Solid Waste Collection Fund expenditures are recommended to decrease slightly by 2.5%. All of the changes in FY10 are in technical adjustments as shown on ©11. No changes in service levels are assumed. The largest cost change item is increased costs related to household counts and contractual fuel cost adjustments for haulers (\$52,920).

The T&E Committee recommends approval of the Executive's Recommended Budget for the Solid Waste Collection Fund.

**Table #3
DPW&T-Solid Waste Services (Disposal)**

	Approved FY09	Rec FY10	Change from FY09 \$\$\$	%
Personnel Costs	8,890,680	9,096,110	205,430	2.3%
Operating Expenses	83,511,500	85,457,000	1,945,500	2.3%
Capital Outlay	1,691,660	1,168,940	(522,720)	-
Total	94,093,840	95,722,050	1,628,210	1.7%
Full-Time Positions	77	77	-	0.0%
Part-Time Positions			-	n/a
Workyears	94.4	92.9	(1.5)	-1.6%

Solid Waste Disposal Fund expenditures are recommended to increase by \$1.6 million (or 1.6%). There are a number of cost changes (both increases and decreases) recommended in the Solid Waste Disposal Fund. These items are fully listed on ©11-12 in the “FY10 Recommended Changes” section from the Executive’s Recommended Operating Budget. Some of the major items are discussed below.

There are a number of technical adjustments common to other County Government budgets (such as compensation changes, benefits, and annualizations). In addition, the Disposal Fund has a number of other items that often appear including: contractual cost increases in various areas, and equipment replacement costs. One-time items (mainly equipment from the prior year, studies, and some pond work in Dickerson) are also removed. There is one major service impact change: the planned closure of the Damascus Beauty Spot which is discussed later.

The biggest changes in the Disposal Fund result from cost changes in the Resource Recovery Facility (RRF) program (which accounts for over 36% of the total DSWS budget). The following chart breaks out the major cost changes in this program. Overall, program expenditures are up \$4.5 million from FY09.

**Table 4:
Resource Recovery Facility (RRF) and Related Waste Transfer Program Costs**

	FY09	FY10	FY10-FY09
Net Debt Service	23,283,469	26,348,644	3,065,175
Air Pollution System CIP OBI	-	1,568,000	1,568,000
Coventa Operating Charge	24,244,676	24,210,381	(34,295)
CSX Rail Engine Service Fee	3,151,240	3,047,190	(104,050)
Non-Processible Waste	771,321	357,010	(414,312)
Waste Processed >558450	1,328,159	481,887	(846,272)
Electric Sales Revenue	(24,985,377)	(23,187,368)	1,798,009
Recycled Ferrous Revenue	(474,333)	(38,928)	435,406
Container Replacements	900,000	-	(900,000)
Other NMWDA Contract Costs	3,649,044	3,675,019	25,975
Charges from Risk Management	730,123	690,000	(40,123)
Misc. Other Than NMWDA Contract	304,986	290,863	(14,123)
	<u>32,903,307</u>	<u>37,442,697</u>	<u>4,539,390</u>

The biggest changes in RRF costs are

- debt service increases: FY09 represented a one-year dip based on a refinancing that occurred in 2003 and so a bump in FY10 is now occurring,
- the annual operating costs of the new air pollution system: A CIP project approved as part of the FY09-14 CIP will reduce NOx emissions by 50 percent, reducing 474 tons of NOx emissions per year,
- Several expenditure categories are down as a result of less waste being processed.
 - A decrease in electric sales revenue is expected (which means a lower offset to expenditures) as a result of decreases in waste processed.
 - Recycled ferrous revenue is also down,
- Also, container replacements in FY09 are removed for FY10.

MAJOR ISSUES

Reduced Tonnages at the RRF and the Compost Facility

Both the RRF and the Dickerson Compost Facility are experiencing reduced tonnage levels from FY09 estimates.

The RRF is permitted by the State to handle a maximum of 657,000 tons per year. The County's policy is to stay within an 85% to 92% utilization rate (558,450 to 604,000 tons). Tip Fee pricing provides a means to encourage or discourage haulers of multi-family and non-residential trash from utilizing the County's transfer station versus other facilities outside of Montgomery County.

The RRF tonnages for FY09 are expected to be down about 54,000 tons (from a budget assumption of 604,000 to 550,000 tons). The primary factor is most likely economic conditions. While tonnages are expected to go back up in FY11, DSWS has revised downward its FY10 projection from 604,000 to 575,000 tons. As mentioned before, this drop affects a variety of expenditure and revenue categories.

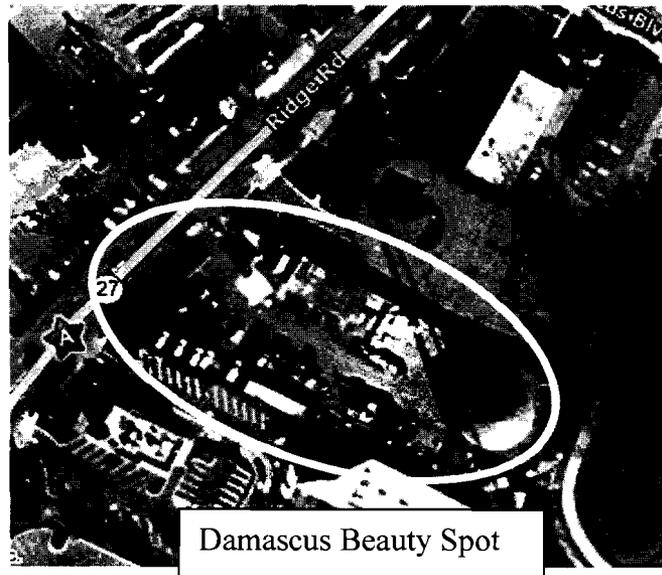
Since the current downward trend appears to be economically driven (and not the result of haulers taking more trash out of the county) a reduction in the Tip Fee does not appear warranted and the Executive is not recommending such a change. **Council Staff supports the Executive recommendation to keep the tip fee for general refuse unchanged.**

The Dickerson Compost Facility has also seen tonnages decline over the past couple of years and the export of yard waste in excess of the legal limit (77,000 tons per year) is not expected in FY09 or FY10. As discussed during discussion of the Solid Waste Management Plan, DSWS has pursued a number of initiatives such as grasscycling and home composting to reduce yard trim volumes.

One side benefit to the reduced tonnages in FY09 is some additional surplus appropriation expected in the Solid Waste Disposal Fund. DEP has set-aside these resources to begin planning work in F09 related to remediation of environmental issues at the Gude landfill. This issue is discussed in more detail in the Council Staff memorandum for Agenda Item #57 (also part of the Council Consent Calendar for May 5, 2009).

Planned Closure of the Damascus Beauty Spot

DSWS currently operates two “beauty spots” (satellite drop off facilities) that are located at DOT Highway Services facilities in Damascus (on Route 27 south of Route 108) and near Poolesville (on Jerusalem Road). The beauty spots were opened in the mid-1980s in order to discourage illegal roadside dumping. They provide a no-cost and convenient means for the disposal of primarily bulky items by County residents in the upcounty. Recyclable materials used to be accepted at the facilities but with the expansion of curbside recycling countywide, acceptance of recyclables was ended at both facilities a couple of years ago.



The Executive is recommending closing the Damascus Beauty Spot in October 2009. The overriding reason is that the site’s function as a solid waste transfer facility does not meet the County’s waste containment requirements under Chapter 48 of the County Code and is not operating consistent with the best management practices required under the State’s general discharge permit for stormwater associated with industrial activities. According to DEP staff, the permanent improvements needed to create a compliant facility are not feasible given the tight

site (see picture above). DEP believes the Poolesville Beauty Spot (which also needs improvements) has more site flexibility and can be modified to assure full environmental compliance.

Prior to the closure of the Damascus Beauty Spot in October, DSWS plans to do substantial education and outreach in the area to ensure people are aware of other options for the disposal of various materials. DSWS will also consider whether any new programs that could serve the area are warranted and feasible. DEP's enforcement staff will step up their efforts as well to ensure that illegal dumping issues that may arise from the closure are addressed.

DSWS has been considering what to do with the beauty spots for some time and (as noted above) has made some service changes in recent years to improve operations. However, the fact remains that both the Damascus and Poolesville facilities are not meeting current environmental requirements. DEP is now taking a fresh look at the permitting issue and the need to operate its facilities in compliance with all requirements as it expects private sector operations to do. The T&E Committee concurs with the Executive's recommendation to close the Damascus Beauty Spot during FY10.

SOLID WASTE CHARGES

Solid waste charges are established through Council resolution. A public hearing was held on April 21. The Council will take action on the solid waste charges in mid-May. The following chart presents the FY09 approved charges and the FY10 recommended charges.

**Table 5:
Solid Waste Charges**

Charge	Approved FY09	CE Rec. FY10	Percent Change
SINGLE FAMILY			
Base Systems Benefit Charge	\$30.25	\$24.45	-19.2%
Incremental Systems Benefit Charge	\$120.08	\$130.36	8.6%
Disposal Fee	\$52.39	\$55.04	5.1%
Leaf Vacuuming Charge	\$93.04	\$93.96	1.0%
Refuse Collection Charge	\$73.00	\$75.00	2.7%
Total Charges, Households Receiving:			
Recycling Collection Only	\$202.72	\$209.85	3.5%
Recycling and Leaf Collection	\$295.76	\$303.81	2.7%
Recycling and Refuse Collection	\$275.72	\$284.85	3.3%
Recycling, Leaf and Refuse Collection	\$368.76	\$378.81	2.7%
MULTI-FAMILY			
Base Systems Benefit Charge	\$2.17	\$3.92	80.6%
Incremental Systems Benefit Charge	\$14.24	\$12.50	-12.2%
Leaf Vacuuming Charge	\$4.04	\$4.06	0.5%
Total Charges			
Units inside Leaf Vacuuming District	\$20.45	\$20.48	0.1%
Units outside Leaf Vacuuming District	\$16.41	\$16.42	0.1%
NONRESIDENTIAL			
(by waste generation category per 2,000 sq. feet of gross floor area)			
Low	\$91.21	\$100.16	9.8%
Medium Low	\$273.63	\$300.48	9.8%
Medium	\$456.06	\$500.81	9.8%
Medium High	\$638.49	\$701.12	9.8%
High	\$820.91	\$901.45	9.8%
TIPPING FEES			
Refuse (weighing >500 lbs per load)	\$56.00	\$56.00	0.0%
Refuse (weighing <500 lbs per load)	\$0.00	\$0.00	n/a
Refuse in Open Top Containers	\$60.00	\$60.00	0.0%
Commercial Yard Trim	\$40.00	\$40.00	0.0%
Other Recyclables	\$0.00	\$0.00	n/a

1. System Benefit Charges

Base System Benefit Charges cover the cost of general solid waste system infrastructure and administration and are allocated among the single family residential, multi-family residential, and non-residential sectors in proportion to cover the cost of recycling services provided to each sector.

The Incremental System Benefit Charges are adjusted partly as a result of increased costs in recycling and composting but also because DSWS works to smooth overall impacts on the different rate categories (single-family, multi-family, and non-residential) across the six-year fiscal plan period. This stabilization effort is accomplished by the different categories either borrowing or paying back the Fund in different years over the six-year period. The net change over the six-year period is zero, but changes can be substantial in a given year and can result in the charge going up or down in the different sectors.

For purposes of considering the total impact on ratepayers, one needs to look at the “Total Charges” lines in the chart. DSWS’ goal is to try to smooth increases and decreases in these charges over time.

2. Commercial Charges

The charges for the non – residential sector are comprised of the Base System Benefit Charges (BSBC) and the Incremental System Benefit Charges (ISBC). These charges are computed based on Gross Floor Area Unit (GFAU’s) data from the State Department of Assessment and Taxation (SDAT) records. These charges are recommended to increase 9.8 percent for FY10, primarily because of increases in the overall share of waste generation attributed to this sector and thus increased cost allocations to this sector.

3. Refuse Disposal Tip Fees

The tip fee is the per ton fee charged businesses, institutions, and residents that dispose refuse at the County’s Transfer Station. No change in the tip fee is recommended for FY10.

4. Recycling Tip Fees

The Executive continues to recommend no fee for tipping recyclable newspaper and mixed paper at the County’s Recycling Center.

The Executive recommends keeping the Tip Fee for yard trim unchanged from FY10.

5. Refuse Collection Charge

The Executive proposes increasing the refuse collection fee from \$73.00 to \$75.00 (or 2.7%) per household per year. This fee is paid by homeowners who receive once weekly refuse collection service by County contractors.

6. Leaf Vacuuming Charge

The charge is also recommended to go up slightly for FY10 (about 1.0% for single-family homes and 0.5% for multi-family homes. Only residents in the leaf vacuuming district pay this fee.

Summary of T&E Committee Recommendations

- **Approve the Division of Solid Waste Services FY10 Budget as recommended by the County Executive.**
- **Approve the FY10 Solid Waste Charges, as recommended by the County Executive.**

Attachments

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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 recycle 50% of our waste. Vision: We aspire to provide the best solid waste services in the nation, meeting the needs of our diverse community.

BUDGET OVERVIEW

The total recommended FY10 Operating Budget for the Division of Solid Waste Services is \$102,461,690, an increase of \$1,613,320 or 1.6 percent from the FY09 Approved Budget of \$100,848,370. Personnel Costs comprise 10.0 percent of the budget for 87 full-time positions for 104.7 workyears. Operating Expenses, Capital Outlay, and Debt Service account for the remaining 90.0 percent of the FY10 budget.

In FY10, the Vacuum Leaf Collection program, fully budgeted in the Vacuum Leaf Collection fund, will be moved to the Department of Transportation in order to consolidate operational and fiscal responsibilities in one department. For ease of comparison, the FY08 through FY10 Vacuum Leaf Collection fund budget figures are included in the Department of Transportation budget section.

In addition, this department's Capital Improvements Program (CIP) requires Current Revenue funding.

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

This table presents the department's headline measures or submeasures that relate to multiple programs including projections from FY09 through FY11. These estimates reflect funding based on the FY09 savings plan, the FY10 budget, and funding for comparable service levels in FY11.

Measure	Actual FY07	Actual FY08	Estimated FY09	Projected FY10	Projected FY11
Headline Measures					
Percent of total municipal solid waste recycled	43.2	44.3	45.0	45.7	46.2
Percent of multi-family municipal solid waste recycled	13.5	13.7	13.6	13.7	13.7
Percent of single-family municipal solid waste recycled	56.2	55.8	54.1	55.0	55.2
Percent of non-residential municipal solid waste recycled	37.3	40.0	43.1	43.4	44.4
Average number of recycling collections missed per week, not picked up within 24 hours	28	22	20	26	34
Landfill space diverted from use as a result of recycling, grasscycling, and conversion to refuse to energy (cubic yards/year) ¹	2,015,054	2,058,409	2,119,439	2,153,583	2,240,350
Average number of refuse collections missed per week, not picked up within 24 hours	10	7	6.7	8.6	11
Single-family Solid Waste Charge: Refuse Collection Fee, charged for once per week curbside collection including on-call bulk pickups (dollars per household)	66	66	73	75	84
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)	194.38	198.42	202.72	209.85	213.49

¹ Cubic Yards/Year

ACCOMPLISHMENTS AND INITIATIVES

- ❖ **Added two new truck scales, expanded the tipping floor, and added a Public Unloading Facility bay at the Transfer Station, reducing wait times for dumping by 30 minutes during peak periods and enabling 30 to 40 percent more vehicles to unload waste at any given time.**
- ❖ **The computer recycling program which began in FY00 was expanded to a full electronics recycling program in FY08. The facility now accepts televisions and consumer electronics for recycling, as well as computers.**
- ❖ **In order to address public interest in recycling televisions prior to the analog to digital television technology switchover in 2009, Solid Waste Services scheduled a number of regional electronics recycling events at Park & Ride Lots and high schools to provide better service in areas distant from the Transfer Station, such as Burtonsville, Damascus and Silver Spring.**
- ❖ **In FY09 there is a contract with a non-profit organization to pick up and distribute reusable furniture to needy families.**
- ❖ **Productivity Improvements**
 - **Reduced construction and demolition costs by diverting burnable waste to the Resource Recovery Facility and natural wood waste that can be recycled on-site at the Transfer Station. Shipping costs to landfill reduced by \$30,000-\$40,000.**
 - **Began processing large-diameter bulky wood waste at the Transfer Station in October 2007, instead of shipping it to outside contractors to be processed; this material is now recycled on-site. This resulted in a substantial savings in transportation and recycling costs. Approximately 10,000 tons of bulky wood waste is processed into mulch each year.**

PROGRAM CONTACTS

Contact Scott McClure of the Division of Solid Waste Services at 240.777.6436 or Brady Goldsmith of the Office of Management and Budget at 240.777.2793 for more information regarding this department's operating budget.

PROGRAM DESCRIPTIONS

Automation

This program provides 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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	351,270	1.2
Increase Cost: Information Technology Maintenance	121,630	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	115,290	0.8
FY10 CE Recommended	588,190	2.0

Revenue Management & System Evaluation

Manage enterprise fund business processes and supports solid waste policy issues through system evaluation and analyses. The primary functions include: rate setting and fiscal health management; financial analysis of enterprise funds; revenue forecasting and enhancement; ratepayer database management; hauler billing processing; system-wide tonnage tracking and reporting; maintain statistical waste generation data; and performance measurement.

Program Performance Measures	Actual FY07	Actual FY08	Estimated FY09	Projected FY10	Projected FY11
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)	194.38	198.42	202.72	209.85	213.49

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	604,460	5.4

	Expenditures	WYs
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	15,100	-0.1
FY10 CE Recommended	619,560	5.3

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, 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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	1,688,940	10.3
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	53,370	0.1
FY10 CE Recommended	1,742,310	10.4

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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	4,060,120	1.0
Decrease Cost: Reduce Compost Facility Export	-300,000	0.0
Decrease Cost: Capital Items	-497,220	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-265,250	-0.1
FY10 CE Recommended	2,997,650	0.9

Dickerson Master Plan

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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	236,270	1.8
Increase Cost: Implementation Schedule	125,440	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-78,330	-0.7
FY10 CE Recommended	283,380	1.1

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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	374,320	0.6
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	4,400	0.0
FY10 CE Recommended	378,720	0.6

Mixed Paper Recycling

This program provides for the management, processing, and marketing of the County’s residential mixed paper. Residential mixed paper includes newspaper, corrugated containers, kraft paper bags, magazines, telephone directories, and unwanted mail.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	1,712,550	0.5
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	42,400	0.0
FY10 CE Recommended	1,754,950	0.5

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 stormwater oil/grit separators.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	1,522,850	1.1
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	33,550	0.3
FY10 CE Recommended	1,556,400	1.4

Out-of-County Refuse Disposal

This program provides for the rail shipment of ash residue that is designated for disposal from the Resource Recovery Facility to a contracted landfill facility in Brunswick County, Virginia. A dedicated disposal cell area was developed at this landfill exclusively for waste from Montgomery County. 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 or the contracted landfill in Brunswick County.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	13,420,250	0.6
Decrease Cost: Tonnage Projections for Out-of-County Haul Program	-2,756,480	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-64,900	0.0
FY10 CE Recommended	10,598,870	0.6

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, 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 regulation and other requirements of the County Code, as they apply to multi-family waste generators.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	717,890	4.1
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	34,590	0.0
FY10 CE Recommended	752,480	4.1

Recycling - Residential

This program provides for securing, administering, monitoring, and enforcing countywide contracts for residential curbside recycling collection with private collectors and responding to service needs from residents. Staff maintains a customer service program and a database of all customers and the services they receive. This program also provides for enforcement of the County’s recycling regulation, as they apply to single-family waste generators and enforcement of relevant parts of Chapter 48 of the County Code.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	18,751,100	20.6
Increase Cost: Residential Recycling Collection Program - Increase in Household Counts and Fuel Cost Adjustment	160,890	0.0
Decrease Cost: Retirement Incentive Program (RIP) Savings	-15,220	0.0
Decrease Cost: Elimination of One-Time Items Approved in FY09	-25,500	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-47,570	-0.2
FY10 CE Recommended	18,823,700	20.4

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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	3,812,860	3.7
Increase Cost: Contractual Expenses and Replacement of Scrubber/Sweeper	126,360	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	479,270	0.3
FY10 CE Recommended	4,418,490	4.0

Waste System Program Development

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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	404,460	1.9
Decrease Cost: No Waste Composition Study in FY10	-128,760	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	55,090	0.7
FY10 CE Recommended	330,790	2.6

Recycling Outreach & Education

This program provides for broadly educating the general public about recycling, buying recycled products, composting, grasscycling, and waste reduction, and the need to comply with applicable laws. Public education is an important tool supporting solid waste program goals and ensuring the success of recycling initiatives.

Program Performance Measures	Actual FY07	Actual FY08	Estimated FY09	Projected FY10	Projected FY11
Percent of total municipal solid waste recycled	43.2	44.3	45.0	45.7	46.2
Percent of multi-family municipal solid waste recycled	13.5	13.7	13.6	13.7	13.7
Percent of single-family municipal solid waste recycled	56.2	55.8	54.1	55.0	55.2
Percent of non-residential municipal solid waste recycled	37.3	40.0	43.1	43.4	44.4
Multi-Family Recycling (tonnages)	13,348	12,401	13,772	13,132	13,724
Non-Residential Recycling (tonnages)	230,685	267,260	289,399	292,420	303,442
Number of Site Visits to Provide Recycling Assistance to Businesses	7,647	10,273	10,000	10,000	10,000
Single-Family Recycling (tonnages)	284,154	273,840	267,964	271,431	274,060
Tons Recycled Overall	528,187	553,501	571,135	576,983	591,225

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	357,460	1.1
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-26,340	0.1
FY10 CE Recommended	331,120	1.2

Support for Recycling Volunteers

The mission of this program is to use 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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	198,870	1.4
Increase Cost: Compost bins	59,070	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-3,890	-0.1
FY10 CE Recommended	254,050	1.3

Regulation of Refuse & Recycling Transportation

This program provides for the enforcement of license requirements and regulates commercial collectors and haulers of solid waste and recyclables.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	69,350	0.8
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	13,050	0.0
FY10 CE Recommended	82,400	0.8

Residential Household Hazardous Waste

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 removed from the municipal solid waste stream 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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	1,050,550	0.5
Increase Cost: Higher Participation and Media Costs	239,090	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-189,370	0.0
FY10 CE Recommended	1,100,270	0.5

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 to Constellation Energy. The program also includes related costs at the Transfer Station and transportation of material between the Transfer Station and the RRF. Extensive environmental and operational monitoring is conducted, both on-site and in surrounding communities, to meet contractual obligations and all applicable regulatory standards regarding the facility.

Program Performance Measures	Actual FY07	Actual FY08	Estimated FY09	Projected FY10	Projected FY11
Landfill space diverted from use as a result of recycling, grasscycling, and conversion to refuse to energy (cubic yards/year) ¹	2,015,054	2,058,409	2,119,439	2,153,583	2,240,350

¹ Cubic Yards/Year

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	32,903,310	2.0
Increase Cost: Debt Service	3,065,180	0.0
Increase Cost: Air Pollution Control System CIP Project - Operating Budget Impact	1,568,000	0.0
Increase Cost: Contract costs at RRF	483,680	0.0
Decrease Cost: Risk Management Adjustment	-50,620	0.0
Decrease Cost: Reduce Tonnage Projections and Increase Turbine Efficiency	-511,130	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-15,720	-0.8
FY10 CE Recommended	37,442,700	1.2

Satellite Drop-Off Sites

This program operates satellite drop-off sites at the Damascus and Poolesville Highway Services Depots. Residents can bring bulky materials to these sites. The sites, which operate only on weekends, provide drop-off sites for trash items as a convenience to County residents and reduce the incidence of roadside dumping. Material that is collected is then transported to the Transfer Station in Rockville.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	576,810	3.1
Decrease Cost: Contractual Expenses	-183,960	0.0
Reduce: Close Damascus Beauty Spot in October 2009	-188,790	-1.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	68,180	-0.1
FY10 CE Recommended	272,240	2.0

Site 2 Landfill

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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	573,340	0.4
Decrease Cost: Pond maintenance	-366,760	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	2,110	0.0
FY10 CE Recommended	208,690	0.4

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.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	1,055,240	10.2
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	32,310	-0.1
FY10 CE Recommended	1,087,550	10.1

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 in with trash delivered for disposal and the inspection and licensing of waste collection vehicles.

Program Performance Measures	Actual FY07	Actual FY08	Estimated FY09	Projected FY10	Projected FY11
Number of Visits Related To Household Hazardous Waste Disposal	59,211	75,000	85,000	95,000	95,000

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	3,760,490	14.1
Increase Cost: Contractual Expenses	674,400	0.0

	Expenditures	WYs
Increase Cost: Overtime charges	64,820	0.0
Increase Cost: Annualization of FY09 Lapsed Positions	23,280	0.4
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-162,120	0.6
FY10 CE Recommended	4,360,870	15.1

Waste Detoxification

This program provides assistance to businesses that qualify as small-quantity generators of hazardous waste by providing them an economical and environmentally safe disposal option. The materials are handled through the County's hazardous waste contractor and permitted hazardous waste management facilities.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	40,560	0.1
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	2,700	0.0
FY10 CE Recommended	43,260	0.1

Waste Reduction

This program provides for the development of activities to reduce solid waste before it enters the waste stream. Program efforts focus on source reduction of yard trim through grasscycling and backyard and on-site composting, as well as recovering textiles and building and construction materials for reuse. This program also encourages reducing the use of hazardous materials through outreach and public education

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	378,430	0.5
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	38,880	0.0
FY10 CE Recommended	417,310	0.5

Debt Service - Disposal Fund

This program contains principal and interest payments for general obligation bonds and revenue bonds used to fund the construction of solid waste facilities and other major improvements.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	4,006,750	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	2,250	0.0
FY10 CE Recommended	4,009,000	0.0

Administration

Provides budget management, program and management analysis, human resource management, contract administration, and administrative support.

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	1,873,870	10.3
Increase Cost: Department of Environmental Protection Director Chargeback	48,310	0.2
Increase Cost: Occupational Medical Services Adjustment	70	0.0
Decrease Cost: Risk Management Adjustment	-4,620	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-223,090	-1.9
FY10 CE Recommended	1,694,540	8.6

Refuse Collection - Residential

The purpose of this program is to secure, administer, monitor and enforce contracts with private collectors for residential refuse collection in Subdistrict A of the Solid Waste Collection and Disposal District, as well as to respond to service needs from residents.

Staff maintains the database of households served and administer the billing of that service. Staff also enforces Chapter 48 of the County Code.

Program Performance Measures	Actual FY07	Actual FY08	Estimated FY09	Projected FY10	Projected FY11
Average number of recycling collections missed per week, not picked up within 24 hours	28	22	20	26	34
Average number of refuse collections missed per week, not picked up within 24 hours	10	7	6.7	8.6	11
Single-family Solid Waste Charge: Refuse Collection Fee, charged for once per week curbside collection including on-call bulk pickups (dollars per household)	66	66	73	75	84

FY10 Recommended Changes	Expenditures	WYs
FY09 Approved	6,346,000	9.2
Increase Cost: Increase in Household Counts and Fuel Cost Adjustment	52,920	0.0
Decrease Cost: Retirement Incentive Program (RIP) Savings	-15,220	0.0
Decrease Cost: Reallocation of personnel positions	-42,000	-0.4
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	-29,500	0.2
FY10 CE Recommended	6,312,200	9.0

BUDGET SUMMARY

	Actual FY08	Budget FY09	Estimated FY09	Recommended FY10	% Chg Bud/Rec
SOLID WASTE COLLECTION					
EXPENDITURES					
Salaries and Wages	822,483	863,860	845,990	850,030	-1.6%
Employee Benefits	272,746	307,120	307,120	282,030	-8.2%
Solid Waste Collection Personnel Costs	1,095,229	1,170,980	1,153,110	1,132,060	-3.3%
Operating Expenses	5,237,501	5,583,550	5,583,550	5,607,580	0.4%
Capital Outlay	0	0	0	0	—
Solid Waste Collection Expenditures	6,332,730	6,754,530	6,736,660	6,739,640	-0.2%
PERSONNEL					
Full-Time	10	10	10	10	—
Part-Time	0	0	0	0	—
Workyears	11.4	12.1	12.1	11.8	-2.5%
REVENUES					
Civil Citations/Penalties/Misc	474	0	0	0	—
Collection Fees	5,919,072	6,521,670	6,600,640	6,787,950	4.1%
Investment Income	129,451	130,000	56,090	50,000	-61.5%
Solid Waste Collection Revenues	6,048,997	6,651,670	6,656,730	6,837,950	2.8%
SOLID WASTE DISPOSAL					
EXPENDITURES					
Salaries and Wages	6,327,510	6,580,670	6,574,180	6,739,130	2.4%
Employee Benefits	2,024,335	2,310,010	2,310,010	2,356,980	2.0%
Solid Waste Disposal Personnel Costs	8,351,845	8,890,680	8,884,190	9,096,110	2.3%
Operating Expenses	75,364,820	79,504,750	77,174,750	81,448,000	2.4%
Debt Service G.O. Bonds	2,535	0	0	0	—
Debt Service Other	4,014,450	4,006,750	4,006,750	4,009,000	0.1%
Capital Outlay	1,659,544	1,691,660	1,666,660	1,168,940	-30.9%
Solid Waste Disposal Expenditures	89,393,194	94,093,840	91,732,350	95,722,050	1.7%
PERSONNEL					
Full-Time	75	77	77	77	—
Part-Time	0	0	0	0	—
Workyears	93.3	94.4	94.4	92.9	-1.6%
REVENUES					
Civil Penalties/Fines	102,358	0	0	0	—
Disposal Fees/Operating Revenue	28,531,826	30,153,720	27,772,780	27,598,400	-8.5%
State Grant	10,000	0	0	0	—
Systems Benefit Charge	46,603,997	50,406,120	49,707,140	51,356,120	1.9%
Sale Of Recycled Materials	5,136,987	4,935,690	4,935,690	3,070,460	-37.8%
Investment Income: Pooled	3,881,957	3,659,350	1,642,470	1,440,000	-60.6%
Investment Income: Non-Pooled	99,828	60,000	70,000	60,000	—
Miscellaneous	7,302,764	8,179,730	6,740,050	10,345,280	26.5%
License Fees	10,500	10,150	10,150	10,500	3.4%
Solid Waste Disposal Revenues	91,680,217	97,404,760	90,878,280	93,880,760	-3.6%
DEPARTMENT TOTALS					
Total Expenditures	95,725,924	100,848,370	98,469,010	102,461,690	1.6%
Total Full-Time Positions	85	87	87	87	—
Total Part-Time Positions	0	0	0	0	—
Total Workyears	104.7	106.5	106.5	104.7	-1.7%
Total Revenues	97,729,214	104,056,430	97,535,010	100,718,710	-3.2%

FY10 RECOMMENDED CHANGES

	Expenditures	WYs
SOLID WASTE COLLECTION		
FY09 ORIGINAL APPROPRIATION	6,754,530	12.1
Other Adjustments (with no service impacts)		
Increase Cost: Increase in Household Counts and Fuel Cost Adjustment [Refuse Collection - Residential]	52,920	0.0
Increase Cost: Equipment Maintenance	18,310	0.0
Increase Cost: Department of Environmental Protection Director Chargeback	13,180	0.1
Increase Cost: Chargeback Increases	6,670	0.0
Increase Cost: Service Increment	6,670	0.0
Increase Cost: Retirement Adjustment	4,020	0.0
Increase Cost: Group Insurance Adjustment	2,770	0.0
Increase Cost: Printing and Mail Adjustment	2,510	0.0
Decrease Cost: Risk Management Adjustment [Administration]	-4,620	0.0
Decrease Cost: Annualization of FY09 Personnel Costs	-15,010	0.0
Decrease Cost: Retirement Incentive Program (RIP) Savings [Refuse Collection - Residential]	-15,220	0.0
Decrease Cost: Reallocation of personnel positions [Refuse Collection - Residential]	-42,000	-0.4
Decrease Cost: Motor Pool Rate Adjustment	-45,090	0.0
FY10 RECOMMENDED:	6,739,640	11.8
SOLID WASTE DISPOSAL		
FY09 ORIGINAL APPROPRIATION	94,093,840	94.4
Changes (with service impacts)		
Reduce: Close Damascus Beauty Spot in October 2009 [Satellite Drop-Off Sites]	-188,790	-1.0
Other Adjustments (with no service impacts)		
Increase Cost: Debt Service [Resource Recovery Facility & Related Waste Transfer]	3,065,180	0.0
Increase Cost: Air Pollution Control System CIP Project - Operating Budget Impact [Resource Recovery Facility & Related Waste Transfer]	1,568,000	0.0
Increase Cost: Contractual Expenses [Solid Waste Transfer Station]	674,400	0.0
Increase Cost: Contract costs at RRF [Resource Recovery Facility & Related Waste Transfer]	483,680	0.0
Increase Cost: Higher Participation and Media Costs [Residential Household Hazardous Waste]	239,090	0.0
Increase Cost: Residential Recycling Collection Program - Increase in Household Counts and Fuel Cost Adjustment [Recycling - Residential]	160,890	0.0
Increase Cost: Contractual Expenses and Replacement of Scrubber/Sweeper [Recycling Center]	126,360	0.0
Increase Cost: Implementation Schedule [Dickerson Master Plan]	125,440	0.0
Increase Cost: Information Technology Maintenance [Automation]	121,630	0.0
Increase Cost: Overtime charges [Solid Waste Transfer Station]	64,820	0.0
Increase Cost: Service Increment	61,620	0.0
Increase Cost: Compost bins [Support for Recycling Volunteers]	59,070	0.0
Increase Cost: Department of Environmental Protection Director Chargeback [Administration]	48,310	0.2
Increase Cost: Reallocation of Personnel Positions	42,850	0.4
Increase Cost: Retirement Adjustment	27,810	0.0
Increase Cost: Annualization of FY09 Lapsed Positions [Solid Waste Transfer Station]	23,280	0.4
Increase Cost: Group Insurance Adjustment	21,140	0.0
Increase Cost: Chargeback Increases	10,830	-1.5
Increase Cost: Printing and Mail Adjustment	3,970	0.0
Increase Cost: Occupational Medical Services Adjustment [Administration]	70	0.0
Decrease Cost: Retirement Incentive Program (RIP) Savings [Recycling - Residential]	-15,220	0.0
Decrease Cost: Annualization of Personnel Costs	-17,050	0.0
Decrease Cost: Elimination of One-Time Items Approved in FY09 [Recycling - Residential]	-25,500	0.0
Decrease Cost: Risk Management Adjustment [Resource Recovery Facility & Related Waste Transfer]	-50,620	0.0
Decrease Cost: Lower chargebacks in various programs	-127,830	0.0
Decrease Cost: No Waste Composition Study in FY10 [Waste System Program Development]	-128,760	0.0
Decrease Cost: Motor Pool Rate Adjustment	-130,910	0.0
Decrease Cost: Contractual Expenses [Satellite Drop-Off Sites]	-183,960	0.0
Decrease Cost: Reduce Compost Facility Export [Dickerson Compost Facility]	-300,000	0.0
Decrease Cost: Pond maintenance [Site 2 Landfill]	-366,760	0.0
Decrease Cost: Capital Items [Dickerson Compost Facility]	-497,220	0.0
Decrease Cost: Reduce Tonnage Projections and Increase Turbine Efficiency [Resource Recovery Facility & Related Waste Transfer]	-511,130	0.0
Decrease Cost: Tonnage Projections for Out-of-County Haul Program [Out-of-County Refuse Disposal]	-2,756,480	0.0
FY10 RECOMMENDED:	95,722,050	92.9

PROGRAM SUMMARY

Program Name	FY09 Approved		FY10 Recommended	
	Expenditures	WYs	Expenditures	WYs
Automation	351,270	1.2	588,190	2.0
Revenue Management & System Evaluation	604,460	5.4	619,560	5.3
Commercial Recycling and Waste Reduction	1,688,940	10.3	1,742,310	10.4
Dickerson Compost Facility	4,060,120	1.0	2,997,650	0.9
Dickerson Master Plan	236,270	1.8	283,380	1.1
Gude Landfill	374,320	0.6	378,720	0.6
Mixed Paper Recycling	1,712,550	0.5	1,754,950	0.5
Oaks Landfill	1,522,850	1.1	1,556,400	1.4
Out-of-County Refuse Disposal	13,420,250	0.6	10,598,870	0.6
Recycling & Waste Reduction - Multi-Family Dwellings	717,890	4.1	752,480	4.1
Recycling - Residential	18,751,100	20.6	18,823,700	20.4
Recycling Center	3,812,860	3.7	4,418,490	4.0
Waste System Program Development	404,460	1.9	330,790	2.6
Recycling Outreach & Education	357,460	1.1	331,120	1.2
Support for Recycling Volunteers	198,870	1.4	254,050	1.3
Regulation of Refuse & Recycling Transportation	69,350	0.8	82,400	0.8
Residential Household Hazardous Waste	1,050,550	0.5	1,100,270	0.5
Resource Recovery Facility & Related Waste Transfer	32,903,310	2.0	37,442,700	1.2
Satellite Drop-Off Sites	576,810	3.1	272,240	2.0
Site 2 Landfill	573,340	0.4	208,690	0.4
Housing and Environmental Permit Enforcement	1,055,240	10.2	1,087,550	10.1
Solid Waste Transfer Station	3,760,490	14.1	4,360,870	15.1
Waste Detoxification	40,560	0.1	43,260	0.1
Waste Reduction	378,430	0.5	417,310	0.5
Debt Service - Disposal Fund	4,006,750	0.0	4,009,000	0.0
Administration	1,873,870	10.3	1,694,540	8.6
Refuse Collection - Residential	6,346,000	9.2	6,312,200	9.0
Total	100,848,370	106.5	102,461,690	104.7

CHARGES TO OTHER DEPARTMENTS

Charged Department	Charged Fund	FY09		FY10	
		Total\$	WYs	Total\$	WYs
SOLID WASTE DISPOSAL					
General Services	County General Fund	173,430	0.0	195,060	0.0
Liquor Control	Liquor Control	12,890	0.0	14,490	0.0
Parking District Services	Bethesda Parking District	46,170	0.0	51,910	0.0
Parking District Services	Montgomery Hills Parking District	1,440	0.0	1,620	0.0
Parking District Services	Silver Spring Parking District	88,000	0.0	98,960	0.0
Parking District Services	Wheaton Parking District	8,660	0.0	9,730	0.0
Total		330,590	0.0	371,770	0.0

FUTURE FISCAL IMPACTS

Title	CE REC.			(S000's)		
	FY10	FY11	FY12	FY13	FY14	FY15
This table is intended to present significant future fiscal impacts of the department's programs.						
SOLID WASTE COLLECTION						
Expenditures						
FY10 Recommended	6,740	6,740	6,740	6,740	6,740	6,740
No inflation or compensation change is included in outyear projections.						
Labor Contracts	0	3	3	3	3	3
These figures represent the estimated cost of service increments and associated benefits.						
Retiree Health Insurance Pre-Funding	0	34	51	54	58	62
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	6,740	6,777	6,793	6,797	6,801	6,805

Title	CE REC.			(S000's)		
	FY10	FY11	FY12	FY13	FY14	FY15
SOLID WASTE DISPOSAL						
Expenditures						
FY10 Recommended	95,722	95,722	95,722	95,722	95,722	95,722
No inflation or compensation change is included in outyear projections.						
Labor Contracts	0	33	33	33	33	33
These figures represent the estimated cost of service increments and associated benefits.						
Close Damascus Beauty Spot	0	-42	-42	-42	-42	-42
Close Damascus Beauty Spot for full year in FY11 (closed for nine months in FY10)						
Compost Facility Equipment	0	2,326	400	309	906	416
Replacement of equipment at the Dickerson Compost Facility.						
Debt Service - Revenue Bonds	0	2	0	-1,190	-4,009	-4,009
Changes to principal and interest payments on Revenue Bonds.						
Nitrogen Oxide (NOx) Control System	0	59	-330	-289	-247	-208
Operating Budget Impact						
Recycling Center Equipment	0	-488	-216	292	-455	-497
Replacement of equipment at the Recycling Center.						
Resource Recovery Facility Equipment	0	220	262	0	0	0
Replacement of Equipment at Resource Recovery Facility						
Retiree Health Insurance Pre-Funding	0	269	404	434	466	500
These figures represent the estimated cost of the multi-year plan to pre-fund retiree health insurance costs for the County's workforce.						
Transfer Station Equipment	0	-136	-294	-488	0	0
Replacement of equipment at the Solid Waste Transfer Station.						
Subtotal Expenditures	95,722	97,965	95,938	94,781	92,374	91,915

SOLID WASTE ENTERPRISE FUND

RATES AND FISCAL PROJECTIONS FOR FY10-15

Assumptions:

- Refuse collection services are maintained at their current level, but the annual household collection charge increases from \$73.00 to \$75.00.
- 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 increasing the single-family service charges from \$202.72 to \$209.85.
- 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.

FY10-15 PUBLIC SERVICES PROGRAM: FISCAL PLAN		SOLID WASTE COLLECTION					
FISCAL PROJECTIONS	FY09 ESTIMATE	FY10 REC	FY11 PROJECTION	FY12 PROJECTION	FY13 PROJECTION	FY14 PROJECTION	FY15 PROJECTION
ASSUMPTIONS							
Indirect Cost Rate	12.88%	13.73%	13.73%	13.73%	13.73%	13.73%	13.73%
CPI (Fiscal Year)	4.1%	3.3%	2.8%	2.5%	2.5%	2.5%	2.5%
Charge Per Household (once-weekly refuse collection)	\$ 73.00	\$ 75.00	\$ 84.00	\$ 87.00	\$ 90.00	\$ 91.00	\$ 94.00
Number of Households (mid-FY)	90,289	90,506	91,210	91,913	92,616	93,319	94,022
BEGINNING FUND BALANCE	1,328,440	1,071,420	966,380	1,018,560	1,075,430	1,054,600	1,091,260
REVENUES							
Charges For Services	6,600,640	6,787,950	7,661,640	7,996,430	8,335,440	8,492,030	8,838,070
Miscellaneous	56,090	50,000	80,000	130,000	150,000	170,000	190,000
Subtotal Revenues	6,656,730	6,837,950	7,741,640	8,126,430	8,485,440	8,662,030	9,028,070
INTERFUND TRANSFERS (Net Non-CIP)							
Transfers To The General Fund	(177,090)	(186,500)	(198,380)	(196,210)	(196,250)	(191,430)	(199,890)
Indirect Costs	(150,820)	(155,430)	(163,110)	(170,590)	(178,330)	(186,430)	(194,890)
Desktop Computer Modernization	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)
TOTAL RESOURCES	7,808,080	7,722,870	8,509,640	8,948,780	9,364,620	9,525,200	9,917,440
PSP OPER. BUDGET APPROP/ EXP'S.							
Operating Budget	(6,736,660)	(6,739,640)	(7,454,130)	(7,819,570)	(8,252,450)	(8,372,380)	(8,710,920)
Retiree Health Insurance Pre-Funding	n/a	0	(33,670)	(50,500)	(54,290)	(58,280)	(62,470)
Labor Agreement	n/a	0	(3,280)	(3,280)	(3,280)	(3,280)	(3,280)
Subtotal PSP Oper Budget Approp / Exp's	(6,736,660)	(6,739,640)	(7,491,080)	(7,873,350)	(8,310,020)	(8,433,940)	(8,776,670)
Other Claims on Fund Balance	0	(16,850)	0	0	0	0	0
TOTAL USE OF RESOURCES	(6,736,660)	(6,756,490)	(7,491,080)	(7,873,350)	(8,310,020)	(8,433,940)	(8,776,670)
YEAR END FUND BALANCE	1,071,420	966,380	1,018,560	1,075,430	1,054,600	1,091,260	1,142,770
END-OF-YEAR RESERVES AS A PERCENT OF RESOURCES							
	13.7%	12.5%	12.0%	12.0%	11.3%	11.5%	11.5%

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 completed in August 2004.
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.

FY09-15 DIVISION OF SOLID WASTE SERVICES

FISCAL PROJECTIONS	ESTIMATED FY09	PROJECTED FY10	PROJECTED FY11	PROJECTED FY12	PROJECTED FY13	Projected FY14	Projected FY16
CHARGES/FEES							
Single-Family Charges (\$/Household)	202.72	209.85	213.49	214.04	214.27	214.36	214.38
% change in rate from previous year	2.2%	3.5%	1.7%	0.3%	0.1%	0.0%	0.0%
Multi-Family Charges (\$/Dwelling Unit)	16.41	16.42	16.44	16.44	16.44	16.44	10.77
% change in rate from previous year	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-34.5%
Nonresidential Charges (medium "category" charge)	456.06	500.80	581.75	601.58	615.17	629.88	647.74
% change in rate from previous year	5.7%	9.8%	16.2%	3.4%	2.3%	2.4%	2.8%
Nonresidential Charges (average \$/2000 sq. ft.)	183.54	202.02	234.67	242.67	248.15	254.08	261.29

OPERATIONS CALCULATION

Goal is to maintain Net Change near zero

REVENUES							
Disposal Fees	27,772,780	27,598,400	29,090,610	29,053,300	29,015,990	28,984,160	28,952,320
Charges for Services/SBC	48,707,140	51,356,120	58,492,600	59,758,890	60,962,390	62,166,210	63,137,070
Miscellaneous	11,685,890	13,426,240	16,328,420	16,519,640	16,714,020	16,847,010	16,986,730
Investment Income	1,712,470	1,500,000	2,320,000	3,700,000	4,200,000	4,800,000	5,360,000
Subtotal Revenues	90,878,280	93,880,760	106,231,630	109,031,830	110,892,400	112,797,380	114,436,120
INTERFUND TRANSFERS	1,120,820	1,046,880	1,506,660	1,176,520	1,208,560	1,323,410	1,142,470
EXPENDITURES							
Personnel Costs	(8,884,190)	(9,096,110)	(9,496,610)	(9,930,480)	(10,381,860)	(10,851,130)	(11,344,370)
Operating Expenses	(81,181,500)	(85,457,000)	(94,417,050)	(98,666,840)	(100,556,070)	(100,340,420)	(107,215,640)
Capital Outlay	(1,666,660)	(1,168,940)	(2,919,460)	(1,059,000)	(1,282,620)	(1,132,050)	(600,040)
Subtotal Expenditures	(91,732,350)	(95,722,050)	(106,833,120)	(109,656,320)	(112,220,550)	(112,323,600)	(119,160,050)
POTENTIAL FUTURE EXPENDITURES*	-	-	-	-	-	-	-
CURRENT RECEIPTS TO CIP**	(9,468,000)	(1,301,000)	(9,332,000)	-	-	-	-
PAYOUT OF CLOSURE COSTS (Non-CIP)	1,471,990	1,510,610	1,553,450	1,597,160	1,641,340	1,686,810	1,733,610
CY ACCRUED CLOSURE COSTS	(43,330)	(42,100)	(43,200)	(43,700)	(44,190)	(45,470)	(138,320)
NET CHANGE	(7,772,690)	(627,900)	(6,917,580)	2,106,480	1,477,560	3,438,530	(1,986,170)

*Extraordinary Expenditure Charges to Stability Fund

** Amounts may not match PDF display for the CIP

CASH POSITION

Goal is to maintain Cash and Investments Over/(Under) Reserve Requirements at greater than zero

ENDING CASH & INVESTMENTS							
Unrestricted Cash	34,234,100	25,521,130	18,737,950	17,193,290	15,939,420	14,622,600	13,340,530
Restricted Cash	30,900,270	35,532,620	35,001,700	37,540,370	39,111,710	42,489,910	40,892,800
Subtotal Cash & Investments	65,134,370	61,053,750	53,739,650	54,733,660	55,051,130	57,112,510	54,233,330
RESERVE & LIABILITY REQUIREMENTS							
Management Reserve	(22,928,260)	(25,705,590)	(26,411,890)	(27,350,320)	(28,080,900)	(29,790,010)	(29,790,010)
Debt Service Reserve	(1,590,000)	(1,248,000)	(893,000)	(524,000)	(255,500)	-	-
Future System Contingency Reserve	(1,000,000)	(1,668,480)	(1,000,000)	(1,713,690)	(2,429,380)	(3,146,080)	(3,863,770)
Research & Development Reserve	(100,000)	(411,360)	(737,090)	(1,067,280)	(1,402,320)	(1,742,440)	(2,087,260)
Renewal & Replacement Reserve	(3,987,800)	(4,095,470)	(4,204,000)	(4,313,310)	(4,423,300)	(4,536,090)	(4,651,760)
Stability Reserve	(1,294,200)	(2,403,720)	(1,755,710)	(2,571,760)	(2,520,310)	(3,275,290)	(500,000)
Subtotal Reserve Requirements	(30,900,260)	(35,532,620)	(35,001,690)	(37,540,360)	(39,111,710)	(42,489,910)	(40,892,800)
Closure/Postclosure Liability	(21,706,510)	(20,238,000)	(18,727,750)	(17,174,300)	(15,577,160)	(13,935,820)	(12,340,530)
Current Liabilities Not Including Debt/Closure							
Subtotal Reserve & Liability Requirements	(52,606,770)	(55,770,620)	(53,729,440)	(54,714,660)	(54,688,870)	(56,426,730)	(53,233,330)
CASH & INVESTMENTS OVER/(UNDER) RESERVE & LIABILITY REQUIREMENTS	12,527,600	5,283,130	10,210	19,000	362,260	686,780	1,000,000

RETAINED EARNINGS

Goal is to maintain Retained Earnings at greater than reserve requirements

ENDING RETAINED EARNINGS	68,934,760	68,440,940	75,245,640	79,335,850	82,621,350	84,857,160	81,478,920
Less: Reserve Requirements	(30,900,260)	(35,532,620)	(35,001,690)	(37,540,360)	(39,111,710)	(42,489,910)	(40,892,800)
RETAINED EARNINGS OVER/(UNDER) RESERVE REQUIREMENTS	38,034,500	32,908,320	40,243,950	41,795,490	43,509,640	42,367,250	40,586,120

FY10 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

FY10 RECOMMENDED SOLID WASTE SERVICE CHARGES TO BE COLLECTED VIA REAL PROPERTY ACCOUNT BILLING

Code Reference	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
	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	\$ 56.00		0.98282		\$ 55.04		\$ 24.45		\$130.36		\$ 75.00		\$ 93.96		\$ 378.81
Outside Leaf Vacuuming District	\$ 56.00		0.98282		\$ 55.04		\$ 24.45		\$130.36		\$ 75.00				\$ 284.85
Incorporated							\$ 24.45								\$ 24.45
SUBDISTRICT B SINGLE-FAMILY**															
Incorporated							\$ 24.45								\$ 24.45
Inside Leaf Vacuuming District															
Unincorporated	\$ 56.00		0.98282		\$ 55.04		\$ 24.45		\$130.36				\$ 93.96		\$ 303.81
Outside Leaf Vacuuming District															
Unincorporated	\$ 56.00		0.98282		\$ 55.04		\$ 24.45		\$130.36						\$ 209.85
MULTI-FAMILY RESIDENTIAL**															
Incorporated							\$ 3.92		\$12.50						\$ 16.42
Unincorporated															
Outside Leaf Vacuuming District							\$ 3.92		\$12.50						\$ 16.42
Inside Leaf Vacuuming District							\$ 3.92		\$12.50				\$ 4.06		\$ 20.48
NONRESIDENTIAL - \$/2,000 SQ. FT. ***															
Code Reference															
Waste Generation Categories															
Low							\$ 97.58		\$ 2.58						\$ 100.16
Medium Low							\$ 292.75		\$ 7.73						\$ 300.48
Medium							\$ 487.92		\$ 12.89						\$ 500.81
Medium High							\$ 683.08		\$ 18.04						\$ 701.12
High							\$ 878.25		\$ 23.20						\$ 901.45
OTHER RECOMMENDED FY 10 SOLID WASTE FEES															
Base Solid Waste Charge under Section 48-32(a)(1):															
(This is known as the "Tipping Fee") \$56.00 /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															
Recyclable Materials Acceptance Fees (Section 48-32(a)(2)):															
Paper and Commingled Containers \$0.00 /ton															
Yard Trim \$40.00 /ton															
Waste delivered in open-top roll-off box \$60.00 /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.
- **** The Vacuum Leaf Fund will be administered by the Department of Transportation starting in FY10.



Transfer Station Improvements -- No. 500550

Category
Subcategory
Administering Agency
Planning Area

Solid Waste-Sanitation
Solid Waste Management
General Services
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

March 18, 2009
No
None.
Planning Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	2,374	614	580	1,180	904	276	0	0	0	0	0
Land	1	1	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	10,397	0	565	9,832	0	500	9,332	0	0	0	0
Construction	7,141	6,538	119	484	0	484	0	0	0	0	0
Other	41	0	0	41	0	41	0	0	0	0	0
Total	19,954	7,153	1,264	11,537	904	1,301	9,332	0	0	0	0

FUNDING SCHEDULE (\$000)

Solid Waste Disposal Fund	19,954	7,153	1,264	11,537	904	1,301	9,332	0	0	0	0
Total	19,954	7,153	1,264	11,537	904	1,301	9,332	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				297	0	0	0	99	99	99
Energy				132	0	0	0	44	44	44
Program-Staff				408	0	0	0	136	136	136
Program-Other				1,203	0	0	0	401	401	401
Net Impact				2,040	0	0	0	680	680	680
WorkYears					0.0	0.0	0.0	2.2	2.2	2.2

DESCRIPTION

This project consists of the assessment of the effectiveness of current operations at the Transfer Station Complex, and the planning, design and implementation of improvements to the facility. The County needs to plan and prepare the necessary infrastructure to maintain fundamental waste management services. This requires: modifications to the current transfer station facility to improve safety by separating large collection vehicles from smaller vehicles being driven and unloaded by residents and businesses; increases in the efficiency of operations through additional truck scales for weighing in and weighing out vehicles and additional unloading areas; and reductions in the frequent queuing of vehicles onto Shady Grove Road. This project also provides for the design and construction of a yard trim/wood waste processing facility to be relocated from the Transfer Station complex to the Gude Drive Landfill.

COST CHANGE

Revised project schedule to reflect current implementation plans.

JUSTIFICATION

The growth in County population, the increases in the percentage of County-generated waste that stays in the County and is disposed of at County facilities, the increases in the number and size of businesses, and the corresponding increases in the number of collection vehicles serving these businesses dropping off refuse and recyclables all contribute to significant impacts on the efficient and effective operation of County waste facilities. Over the past several years, the County added programs to the Transfer Station site to improve customer service, recycling opportunities, and address State and County requirements, i.e., yard waste was banned from disposal facilities. When the Transfer Station opened over 20 years ago, it just handled waste for disposal. Presently, in addition to handling waste for disposal, the Transfer Station provides an extensive drop-off area for recycling and a yard waste drop-off and processing area. This has resulted in increased demands on the Transfer Station site resulting in a need to upgrade the facility to safely and efficiently handle the increased volume in traffic and waste. The Management of Yard Trim/Wood Waste is the second largest activity at the Transfer Station, after the management of burnable solid wastes. The Transfer Station receives approximately 40,000 to 80,000 tons per year of yard trim/wood waste to be managed as a separate recyclable commodity. The new facility at the Gude Landfill includes an 8,000 square foot maintenance building, two seventy foot scales with a scale house, office space, loading scale and tarping station, parking, waste drop off, and processing areas.

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.

*CE Recommended Amendment
3/19/09*

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																																							
<table border="1" style="width: 100%;"> <tr> <td>Date First Appropriation</td> <td>FY05</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td></td> <td></td> </tr> <tr> <td>Current Scope</td> <td>FY09</td> <td>19,954</td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>19,954</td> </tr> <tr> <td>Appropriation Request</td> <td>FY10</td> <td>19,954 1391,000</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td>0</td> </tr> <tr> <td>Transfer</td> <td></td> <td>0</td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td>9,321</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>7,172</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>2,149</td> </tr> <tr> <td>Partial Closeout Thru</td> <td>FY07</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY08</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table>	Date First Appropriation	FY05	(\$000)	First Cost Estimate			Current Scope	FY09	19,954	Last FY's Cost Estimate		19,954	Appropriation Request	FY10	19,954 1391,000	Supplemental Appropriation Request		0	Transfer		0	Cumulative Appropriation		9,321	Expenditures / Encumbrances		7,172	Unencumbered Balance		2,149	Partial Closeout Thru	FY07	0	New Partial Closeout	FY08	0	Total Partial Closeout		0	Department of General Services Department of Environmental Protection M-NCPPC Department of Permitting Services PEPCO WSSC	See Map on Next Page
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Transfer Station Improvements -- No. 500550

Category	Solid Waste-Sanitation	Date Last Modified	June 03, 2008
Subcategory	Solid Waste Management	Required Adequate Public Facility	No
Administering Agency	General Services	Relocation Impact	None.
Planning Area	Rockville	Status	Planning Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	2,375	497	698	1,180	904	276	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	10,397	0	565	9,832	0	9,832	0	0	0	0	0
Construction	7,141	4,803	1,854	484	0	484	0	0	0	0	0
Other	41	0	0	41	0	41	0	0	0	0	0
Total	19,954	5,300	3,117	11,537	904	10,633	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Solid Waste Disposal Fund	19,954	5,300	3,117	11,537	904	10,633	0	0	0	0	0
Total	19,954	5,300	3,117	11,537	904	10,633	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				149	0	9	35	35	35	35
Energy				68	0	4	16	16	16	16
Program-Staff				569	0	33	134	134	134	134
Program-Other				1,713	0	101	403	403	403	403
Net Impact				2,499	0	147	588	588	588	588
WorkYears					0.0	0.3	2.2	2.2	2.2	2.2

DESCRIPTION

This project consists of the assessment of the effectiveness of current operations at the Transfer Station Complex, and the planning, design and implementation of improvements to the facility. The County needs to plan and prepare the necessary infrastructure to maintain fundamental waste management services. This requires: modifications to the current transfer station facility to improve safety by separating large collection vehicles from smaller vehicles being driven and unloaded by residents and businesses; increases in the efficiency of operations through additional truck scales for weighing in and weighing out vehicles and additional unloading areas; and reductions in the frequent queuing of vehicles onto Shady Grove Road. This project also provides for the design and construction of a yard trim/wood waste processing facility to be relocated from the Transfer Station complex to the Gude Drive Landfill.

COST CHANGE

Increase due to the addition of design and construction costs for the yard trim/wood waste facility.

JUSTIFICATION

The growth in County population, the increases in the percentage of County-generated waste that stays in the County and is disposed of at County facilities, the increases in the number and size of businesses, and the corresponding increases in the number of collection vehicles serving these businesses dropping off refuse and recyclables all contribute to significant impacts on the efficient and effective operation of County waste facilities. Over the past several years, the County added programs to the Transfer Station site to improve customer service, recycling opportunities, and address State and County requirements, i.e., yard waste was banned from disposal facilities. When the Transfer Station opened over 20 years ago, it just handled waste for disposal. Presently, in addition to handling waste for disposal, the Transfer Station provides an extensive drop-off area for recycling and a yard waste drop-off and processing area. This has resulted in increased demands on the Transfer Station site resulting in a need to upgrade the facility to safely and efficiently handle the increased volume in traffic and waste. The Management of Yard Trim/Wood Waste is the second largest activity at the Transfer Station, after the management of burnable solid wastes. The Transfer Station receives approximately 40,000 to 80,000 tons per year of yard trim/wood waste to be managed as a separate recyclable commodity. The new facility at the Gude Landfill includes an 8,000 square foot maintenance building, two seventy foot scales with a scale house, office space, loading scale and tarping station, parking, waste drop off, and processing areas.

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.

Approved FY09-14

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td>FY05</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td>FY09</td> <td>19,954</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>8,417</td> </tr> </table>	Date First Appropriation	FY05	(\$000)	First Cost Estimate	FY09	19,954	Current Scope			Last FY's Cost Estimate		8,417	Department of General Services Department of Environmental Protection M-NCPPC Department of Permitting Services PEPCO WSSC	See Map on Next Page
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