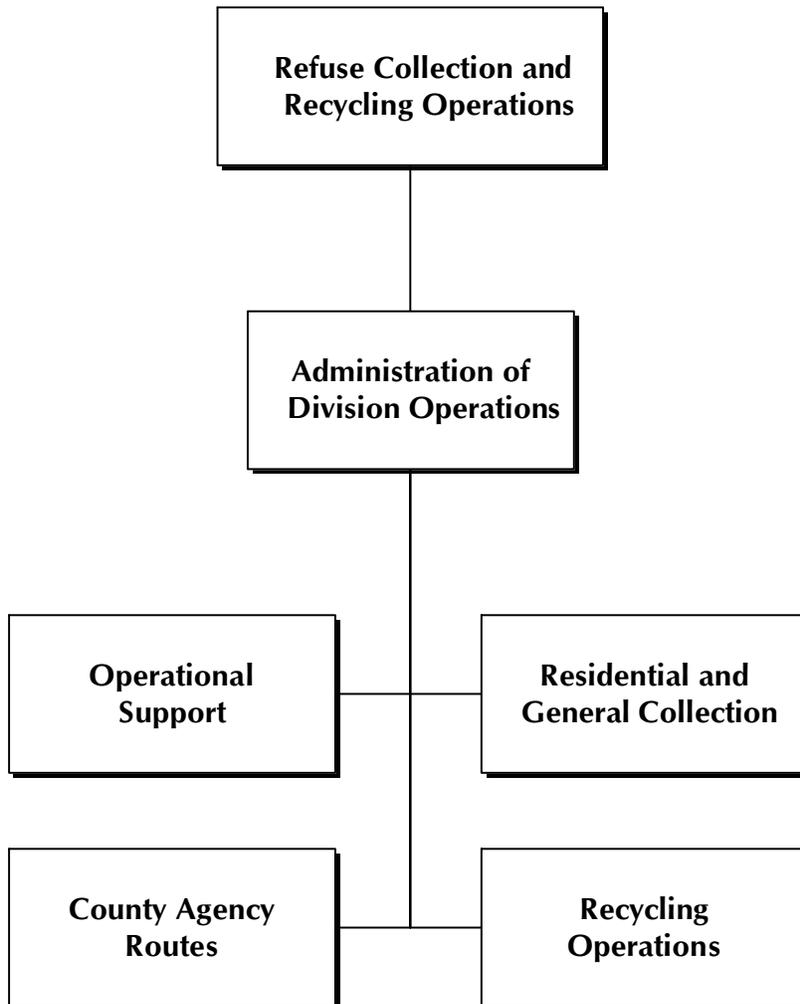


Fund 109

Refuse Collection and Recycling Operations



Fund 109

Refuse Collection and Recycling Operations

Mission

To protect Fairfax County citizens against disease, pollution, and other contamination associated with the improper disposal of refuse, by providing efficient and economical refuse collection services to citizens in 78 refuse collection sanitary districts and to Fairfax County agencies. To reduce the County's municipal solid waste stream through the effective development, implementation and management of comprehensive waste reduction and recycling programs to ensure that Fairfax County meets or exceeds the Commonwealth of Virginia's mandated goal of recycling 25.0 percent of the solid waste stream.

Focus

The Division of Solid Waste Collection and Recycling (DSWCR), (Fund 109, Refuse Collection and Recycling Operations), is responsible for the collection of refuse and recyclable materials within Fairfax County's sanitary districts and from County agencies. The agency coordinates the County's waste reduction and recycling program. It is also responsible for the administration and program operations of the Solid Waste General Fund Programs (e.g., Health Department Referrals, Community Cleanups, Evictions and Court-Ordered Cleanups) on behalf of the County.



Residents within sanitary refuse collection districts, which are created by the Board of Supervisors upon citizen petition, are charged an annual fee for service through the semi-annual property tax collection system. In FY 2010, the rate of \$345 is proposed to remain the same as the FY 2009 Adopted Budget Plan level.

During FY 2010 DSWCR plans to implement a cost savings initiative for the collection of recyclable materials. This service, previously provided by a contractor, will be brought in-house due to the availability of new recycling processing facilities that can manage single-stream collection. In the single-stream collection method, cans, bottles, paper and cardboard are collected together in the same truck thereby reducing the number of trips required to complete the recycling collection routes. This collection practice is now able to be used in the Northern Virginia region because of the establishment of recycling processing facilities with the equipment and capacity necessary to separate all materials. Advantages of performing the single-stream collection practice with County employees include: reduced operating costs through significant contractual savings; better use of existing trucks since trash collection trucks are used in this practice (rather than specialized recycling trucks); and improved road safety due to fewer hours on the road to accomplish collection.

DSWCR implemented two programs in FY 2006 which are geared to managing oversized quantities of materials placed at the curb either by homeowners or through illegal dumping throughout the County. Both of these programs will continue into FY 2010.

The first program is entitled "Megabulk" and assists residents with the disposal of very large piles of refuse that is typically not included with normal curbside refuse collection service. This program provides customers with a convenient and cost competitive way to remove oversized piles of waste while providing a revenue stream for the collection program. This service is available to all County residents, both within and outside the refuse collection districts. Customers are provided with a cost for the service prior to collection and may pay by check or credit card. This service is provided by DSWCR operational staff and is billed individually to each customer based on the size of the pile of refuse that is placed at the curb.

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The second program is entitled “Clean Streets Initiative” (CSI) and serves as a partnership with the Fairfax County Health Department in responding to complaints about piles of uncollected waste dumped or illegally placed at the curb or on properties throughout the County. The process involves contact by a resident to the Health Department about piles of trash that are deposited illegally at the curb. The Health Department refers the call to DSWCR where an inspector makes a site visit and determines who owns the property. If a property owner can be identified, then DSWCR contacts the person and the owner is given 10 days to remove the material. If the owner refuses to remove the waste, then DSWCR operational staff removes the material for appropriate disposal and the owner is billed for the service. If the owner still refuses to pay, then steps are taken to recover the costs from the property owner for the value of the service. Minimum costs for a CSI cleanup are \$250 and may increase based on the volume of the cleanup.

DSWCR is responsible for the collection of refuse from County agencies and a small number of organizations associated with County agencies. Revenue is derived from billings to County agencies based on the cubic yard capacity of the containers assigned to individual agencies. The cost per cubic yard is formula-driven and is based on fiscal year operating requirements. For FY 2010, the calculated rate is \$4.65 per cubic yard, the same level as the FY 2009 Adopted Budget Plan. In FY 2010, the number of cubic yards collected on County Agency Routes (CAR) is projected to be 294,000 cubic yards.

Recycling Operations is responsible for providing the overall management of solid waste reduction and recycling programs that are required by the County and for developing plans for future recycling programs and waste reduction systems. The goal for FY 2010 is to maintain the recycling rate in the municipal solid waste stream at or above the Commonwealth of Virginia mandated goal of 25 percent. The current recycling rate for FY 2009 is estimated at 38 percent. Revenue is generated from the sale of recyclable materials (aluminum cans, newspaper, cardboard, glass and scrap metal) which serves to partially offset expenditure requirements. It is noted that Fund 109 administers and coordinates recycling operations for Fund 100, Refuse Disposal, and it is reimbursed by Fund 110 for performing that service.

Agency accomplishments, new initiatives and performance measures for Solid Waste are displayed at a program-wide level. Please refer to the Solid Waste Management Program Overview in Volume 2 of the FY 2010 Baseline Budget for those items.

Budget and Staff Resources

Agency Summary				
Category	FY 2008 Actual	FY 2009 Adopted Budget Plan	FY 2009 Revised Budget Plan	FY 2010 Baseline Budget
Authorized Positions/Staff Years				
Regular	138/ 138	138/ 138	138/ 138	138/ 138
Expenditures:				
Personnel Services	\$8,335,997	\$8,968,738	\$8,968,738	\$9,370,760
Operating Expenses	9,151,266	10,564,070	10,798,957	9,471,202
Capital Equipment	3,253,125	2,412,000	2,848,123	3,031,900
Capital Projects ¹	0	225,000	718,454	225,000
Subtotal	\$20,740,388	\$22,169,808	\$23,334,272	\$22,098,862
Less:				
Recovered Costs	(\$735,606)	(\$781,978)	(\$781,978)	(\$781,978)
Total Expenditures	\$20,004,782	\$21,387,830	\$22,552,294	\$21,316,884

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Refuse Collection and Recycling Operations

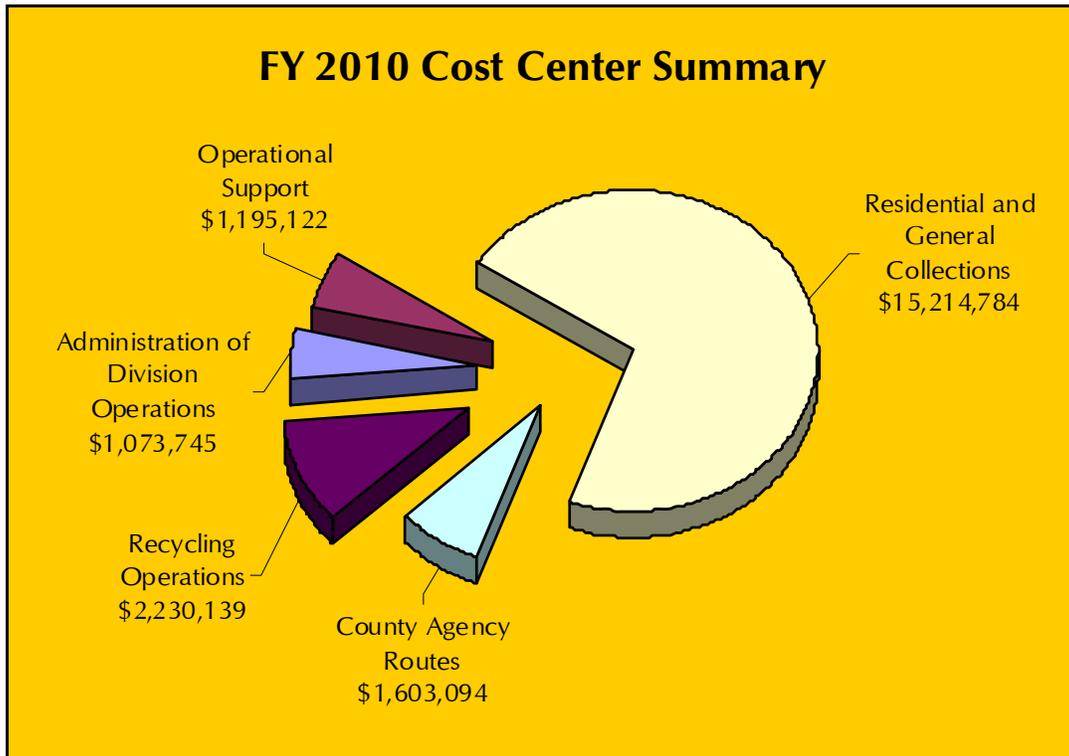
Summary By Cost Center				
Category ¹	FY 2008 Actual	FY 2009 Adopted Budget Plan	FY 2009 Revised Budget Plan	FY 2010 Baseline Budget
Administration of Division Operations	\$596,299	\$1,035,865	\$1,035,865	\$1,073,745
Operational Support	784,597	1,156,579	1,650,033	1,195,122
Residential and General Collections	15,329,359	15,143,114	15,374,312	15,214,784
County Agency Routes	1,562,235	1,690,978	1,690,978	1,603,094
Recycling Operations	1,732,292	2,361,294	2,801,106	2,230,139
Total Expenditures	\$20,004,782	\$21,387,830	\$22,552,294	\$21,316,884

¹ Capital Projects' expenditures are shown under the Operational Support Cost Center.

Position Summary		
<p><u>Administration of Division Operations</u></p> <p>1 Director of Refuse Collection and Recycling</p> <p>1 Public Works Environmental Services Manager</p> <p>3 Management Analysts II</p> <p>1 Management Analyst III</p> <p>1 Safety Analyst</p> <p>1 Network/Telecommunication Analyst I</p> <p>4 Administrative Assistants IV</p> <p>1 Administrative Assistant III</p>	<p><u>Operational Support</u></p> <p>1 Refuse Superintendent</p> <p>2 Assistant Refuse Superintendents</p> <p>1 Public Works Environmental Services Specialist</p> <p>4 Administrative Assistants II</p> <p>1 Welder II</p> <p>1 Senior Maintenance Worker</p> <p><u>Residential and General Collections</u></p> <p>1 Management Analyst II</p> <p>1 Senior Refuse Supervisor</p> <p>4 Heavy Equipment Supervisors</p> <p>9 Heavy Equipment Operators</p> <p>30 Motor Equipment Operators</p> <p>46 Maintenance Workers</p> <p>1 Vehicle Maint. Coordinator</p> <p>1 Maintenance Trade Helper I</p> <p>1 Code Specialist II</p>	<p><u>County Agency Routes</u></p> <p>4 Heavy Equipment Operators</p> <p>2 Motor Equipment Operators</p> <p>1 Welder I</p> <p><u>Recycling Operations</u></p> <p>1 Management Analyst IV</p> <p>1 Management Analyst II</p> <p>1 Internet/Intranet Architect I</p> <p>2 Management Analysts I</p> <p>1 Heavy Equipment Supervisor</p> <p>4 Heavy Equipment Operators</p> <p>1 Maintenance Worker</p> <p>1 Communications Specialist II</p> <p>1 Engineering Technician II</p> <p>1 Public Works Environmental Services Specialist</p>
<p><u>TOTAL POSITIONS</u> 138 Positions / 138.0 Staff Years</p>		

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Refuse Collection and Recycling Operations



FY 2010 Funding Adjustments

The following funding adjustments from the FY 2009 Revised Budget Plan are necessary to support the FY 2010 program:

- ◆ **Employee Compensation** **\$402,022**
 An increase of \$402,022 in Personnel Services is associated with salary adjustments necessary to support the County's compensation program.
- ◆ **In-House Curbside Recycling Initiative** **(\$606,824)**
 A net decrease of \$606,824 is associated with the agency's initiative to provide curbside recycling services for 44,000 customers that was previously performed by contract. A new industry practice of single stream recycling, and the ease of providing this service, offers an opportunity in to bring curbside recycling in-house, reducing contract services and optimizing the use of solid waste trucks and equipment in hours when trucks are not needed for refuse pickup. This initiative will require the purchase and operational support in FY 2010 of 4 new rear loading packer trucks, including \$920,000 in capital equipment and \$56,764 in anticipated fuel and maintenance. These costs will be totally offset by contractual savings of \$1,583,588.
- ◆ **Operating Expenses** **\$433,956**
 An increase of \$433,956 in Operating Expenses includes \$338,593 in support of planned FY 2010 refuse disposal rate charges to this fund, and \$95,363 in other operational increases primarily in support of the continuing implementation of a new web-based fleet management system that will provide future cost savings through route consolidation, management of drivers and routes, and reduced paperwork.
- ◆ **Capital Equipment** **\$2,111,900**
 Funding of \$2,111,900 in Capital Equipment includes the replacement of items that have outlived their useful lifespan based on age, mileage and repair costs. The replacement items include one pick-up truck, six rear loading packer trucks, one open body truck, one mower, one container delivery truck, one roll-off truck, ten roll-off containers and four compactors.

Fund 109

Refuse Collection and Recycling Operations

- ◆ **Capital Projects** **\$225,000**
Funding in the amount of \$225,000 has been included for Capital Projects to continue the second phase of the Newington Facility Enhancements project which includes the upgrade of the maintenance and equipment garage to include a secure and enclosed parts/equipment room, the painting and sealing of the interior walls, retiling of the ground floor and installation of additional caulking and weather stripping around the windows and doors to make the facility more energy efficient.

- ◆ **Carryover Adjustments** **(\$234,887)**
A decrease of \$234,887 is due to encumbered carryover of Operating Expenses as part of the *FY 2008 Carryover Review*.

Changes to FY 2009 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2009 Revised Budget Plan since passage of the FY 2009 Adopted Budget Plan. Included are all adjustments made as part of the FY 2008 Carryover Review and all other approved changes through September 15, 2008:

- ◆ **Carryover Adjustments** **\$1,164,464**
As part of the *FY 2008 Carryover Review*, the Board of Supervisors approved encumbered carryover of \$1,164,464 including \$234,887 in Operating Expenses and \$436,123 in Capital Equipment. In addition, the carryover of unexpended project balances in the amount of \$493,454 was approved for the continuation of infrastructure improvements to the Newington Facility.

A Fund Statement and a Summary of Capital Projects are provided on the following pages. The Summary of Capital Projects may include some projects without a Total Project Estimate amount. These projects are considered "continuing" projects or projects for which funding is necessary on an ongoing basis (e.g., a contingency or planning project).

Fund 109

Refuse Collection and Recycling Operations

FUND STATEMENT

Fund Type G10, Special Revenue Funds

Fund 109, Refuse Collection

	FY 2008 Actual	FY 2009 Adopted Budget Plan	FY 2009 Revised Budget Plan	FY 2010 Baseline Budget
Beginning Balance	\$6,513,265	\$3,965,105	\$7,216,260	\$5,096,735
Revenue:				
Interest on Investments	\$478,104	\$166,404	\$166,404	\$99,387
Residential and General Collections:				
Household Levy ¹	\$13,916,012	\$14,809,815	\$14,809,815	\$14,809,815
Miscellaneous	929,497	378,477	378,477	842,710
Sale of Equipment	284,243	156,500	156,500	80,299
Subtotal	\$15,129,752	\$15,344,792	\$15,344,792	\$15,732,824
County Agency Routes:				
Miscellaneous Agencies	\$1,282,421	\$1,366,810	\$1,366,810	\$1,366,921
Sale of Equipment	36,553	0	0	10,800
Miscellaneous	201,288	190,389	190,389	161,708
Subtotal	\$1,520,262	\$1,557,199	\$1,557,199	\$1,539,429
General Fund Programs:				
Community Cleanup	\$301,576	\$309,785	\$309,785	\$309,785
Health Department Referrals	7,178	2,341	2,341	2,341
Evictions	5,857	14,380	14,380	14,380
Court Ordered/Mandated	5,692	31,819	31,819	31,819
Subtotal	\$320,303	\$358,325	\$358,325	\$358,325
Other Collection Revenue:				
Leaf Collection	\$655,836	\$564,426	\$564,426	\$564,426
Miscellaneous	247,148	141,746	141,746	149,093
State Litter Funds	126,004	0	0	0
Fairfax Fair	28,267	29,258	29,258	29,258
Subtotal	\$1,057,255	\$735,430	\$735,430	\$742,777
Recycling Operations:				
Program Support ²	\$1,491,835	\$1,803,065	\$1,803,065	\$1,646,416
Sale of Materials	358,000	65,763	65,763	446,100
Miscellaneous	352,266	401,791	401,791	366,392
Subtotal	\$2,202,101	\$2,270,619	\$2,270,619	\$2,458,908
Total Revenue	\$20,707,777	\$20,432,769	\$20,432,769	\$20,931,650
Total Available	\$27,221,042	\$24,397,874	\$27,649,029	\$26,028,385

Fund 109

Refuse Collection and Recycling Operations

FUND STATEMENT

Fund Type G10, Special Revenue Funds

Fund 109, Refuse Collection

	FY 2008 Actual	FY 2009 Adopted Budget Plan	FY 2009 Revised Budget Plan	FY 2010 Baseline Budget
Expenditures:				
Personnel Services	\$8,335,997	\$8,968,738	\$8,968,738	\$9,370,760
Operating Expenses	9,151,266	10,564,070	10,798,957	9,471,202
Recovered Costs ³	(735,606)	(781,978)	(781,978)	(781,978)
Capital Equipment	3,253,125	2,412,000	2,848,123	3,031,900
Capital Projects	0	225,000	718,454	225,000
Total Expenditures	\$20,004,782	\$21,387,830	\$22,552,294	\$21,316,884
Total Disbursements	\$20,004,782	\$21,387,830	\$22,552,294	\$21,316,884
Ending Balance	\$7,216,260	\$3,010,044	\$5,096,735	\$4,711,501
Collection Equipment Reserve	\$321,325	\$321,051	\$321,051	\$324,954
Recycling Equipment Reserve	339,835	321,325	321,325	267,480
PC Replacement Reserve ⁴	46,937	46,200	46,200	53,400
Construction and Infrastructure Reserve ⁵	381,056	337,112	337,112	484,507
Rate Stabilization Reserve ⁶	530,853	531,902	531,902	888,801
Residential/General Equipment Reserve ⁷	800,000	1,452,454	1,452,454	2,692,359
Unreserved Balance	\$4,796,254	\$0	\$2,086,691	\$0
Levy per Household Unit	\$330/Unit	\$345/Unit	\$345/Unit	\$345/Unit

¹The FY 2010 levy/collection fee per household unit is set at \$345 per unit. Although the Refuse Collection levy is separate and not a Real Estate Tax, it is included on and collected as part of the County's Real Estate Tax bill. This amount does not include approximately 447 units which will be billed directly by the agency.

²The Recycling Operations program is supported by Fund 110, Refuse Disposal. The estimate for Program Support is calculated based on the projected level of expenditures for recycling operations as conducted in Fund 109, Refuse Collection and Recycling Operations.

³Recovered Costs represents billings to Fund 108, Leaf Collection, for its share of the total administrative costs for the Division of Collection and Recycling. Also included is an amount billed to Fund 110, Refuse Disposal, for administrative costs for the recycling program which is coordinated by Fund 109, Refuse Collection and Recycling Operations.

⁴The PC Replacement Reserve provides funding for the timely replacement of obsolete computer equipment.

⁵The Construction and Infrastructure Reserve funds emergency repairs necessary at the Newington Solid Waste Facility.

⁶The Rate Stabilization Reserve provides funds to mitigate against any need for an unusually large rate increase in a future year.

⁷The Residential/General Equipment Reserve provides the Residential and General Collections Cost Center with set aside funds for future anticipated equipment purchases.

Fund 109

Refuse Collection and Recycling Operations

FY 2010 Summary of Capital Projects

Fund: 109 Refuse Collection and Recycling Operations

Project #	Description	Total Project Estimate	FY 2008 Actual Expenditures	FY 2009 Revised Budget	FY 2010 Baseline Budget
109001	Newington Facility Enhancements	\$ 1,618,038	\$0.00	\$ 718,453.78	\$ 225,000
Total		\$1,618,038	\$0.00	\$ 718,453.78	\$ 225,000