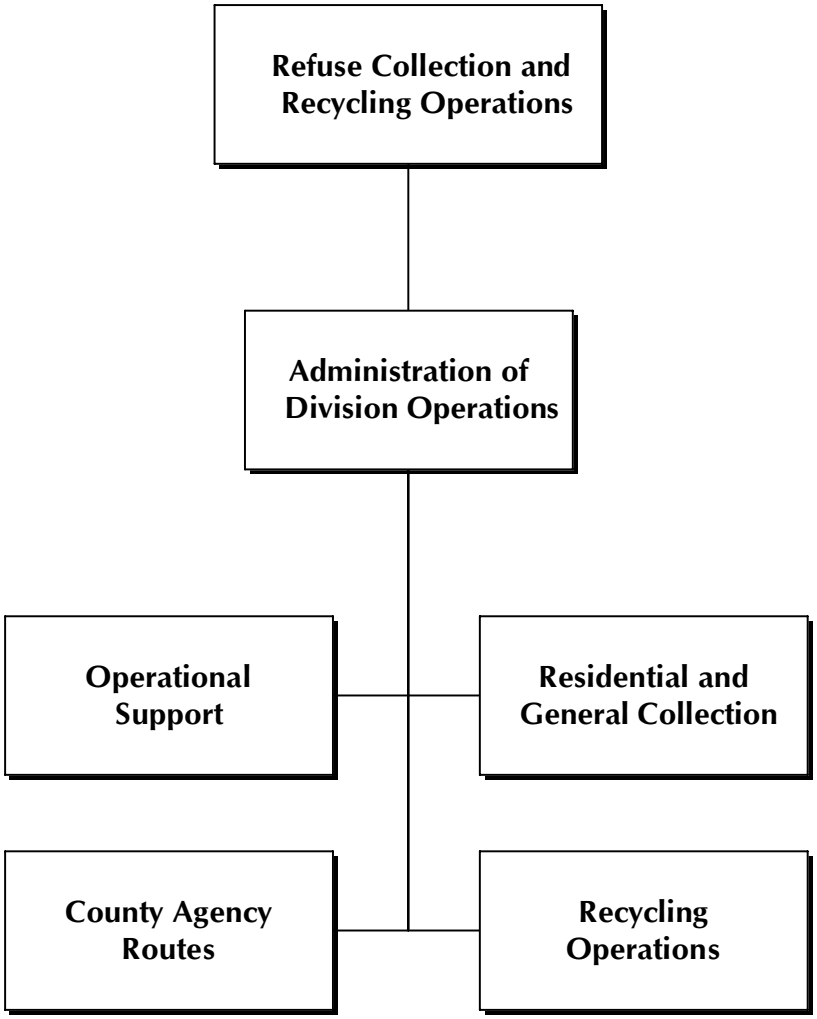
Fund 109
Refuse Collection and Recycling Operations



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.

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 2009.

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.

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.

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. The current fee is $330 in FY 2008 and is recommended to increase by 4.54 percent to $345 per unit in

Fund 109
Refuse Collection and Recycling Operations

FY 2009 as the division anticipates increases in operating expenditures based on personnel adjustments, increasing disposal tipping fees, maintenance and fuel charges, and replacement equipment costs.

County Agency Routes (CAR) 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 2009, the calculated rate is $4.65 per cubic yard, an increase of $0.11 from the FY 2008 Adopted Budget Plan rate of $4.54 per cubic yard. In FY 2009, the number of cubic yards collected on 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 2009 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 2008 is estimated at 30 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. In addition, revenue and program support is provided by Fund 110, Refuse Disposal, through billings by Fund 109 for administration and coordination of recycling operations on behalf of Fund 110.

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 2009 Advertised Budget Plan for those items.

Budget and Staff Resources

Agency Summary				
Category	FY 2007 Actual	FY 2008 Adopted Budget Plan	FY 2008 Revised Budget Plan	FY 2009 Advertised Budget Plan
Authorized Positions/Staff Years				
Regular	138/ 138	138/ 138	138/ 138	138/ 138
Expenditures:				
Personnel Services	$7,828,390	$8,560,867	$8,560,867	$8,879,599
Operating Expenses	9,099,619	9,891,661	9,944,625	10,564,070
Capital Equipment	1,748,401	2,458,000	3,500,248	2,412,000
Capital Projects[1]	240,547	225,000	493,454	225,000
Subtotal	**$18,916,957**	**$21,135,528**	**$22,499,194**	**$22,080,669**
Less:				
Recovered Costs	($704,687)	($795,296)	($795,296)	($781,978)
Total Expenditures	**$18,212,270**	**$20,340,232**	**$21,703,898**	**$21,298,691**

Summary By Cost Center				
Category[1]	FY 2007 Actual	FY 2008 Adopted Budget Plan	FY 2008 Revised Budget Plan	FY 2009 Advertised Budget Plan
Administration of Division Operations	$573,717	$650,696	$650,696	$1,023,053
Operational Support	1,062,106	1,114,886	1,383,340	1,149,665
Residential and General Collections	13,111,498	14,934,309	15,766,019	15,089,920
County Agency Routes	1,717,715	1,455,755	1,573,096	1,686,775
Recycling Operations	1,747,234	2,184,586	2,330,747	2,349,278
Total Expenditures	**$18,212,270**	**$20,340,232**	**$21,703,898**	**$21,298,691**

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

Fund 109
Refuse Collection and Recycling Operations

Position Summary

Administration of Division Operations

1 Director of Refuse Collection and Recycling
1 Public Works Environmental Services Manager
1 Management Analyst III
1 Safety Analyst
1 Network/Telecommunication Analyst I
1 Engineering Technician II
3 Management Analysts II
3 Administrative Assistants IV
2 Administrative Assistants III

Operational Support

1 Refuse Superintendent
2 Assistant Refuse Superintendents
1 Public Works Environmental Services Specialist
4 Administrative Assistants II
1 Welder II
1 Maintenance Trade Helper I

Residential and General Collections

2 Management Analysts II
1 Senior Refuse Supervisor
4 Heavy Equipment Supervisors
9 Heavy Equipment Operators
30 Motor Equipment Operators
46 Maintenance Workers
1 Vehicle Maint. Coordinator
1 Maintenance Trade Helper I

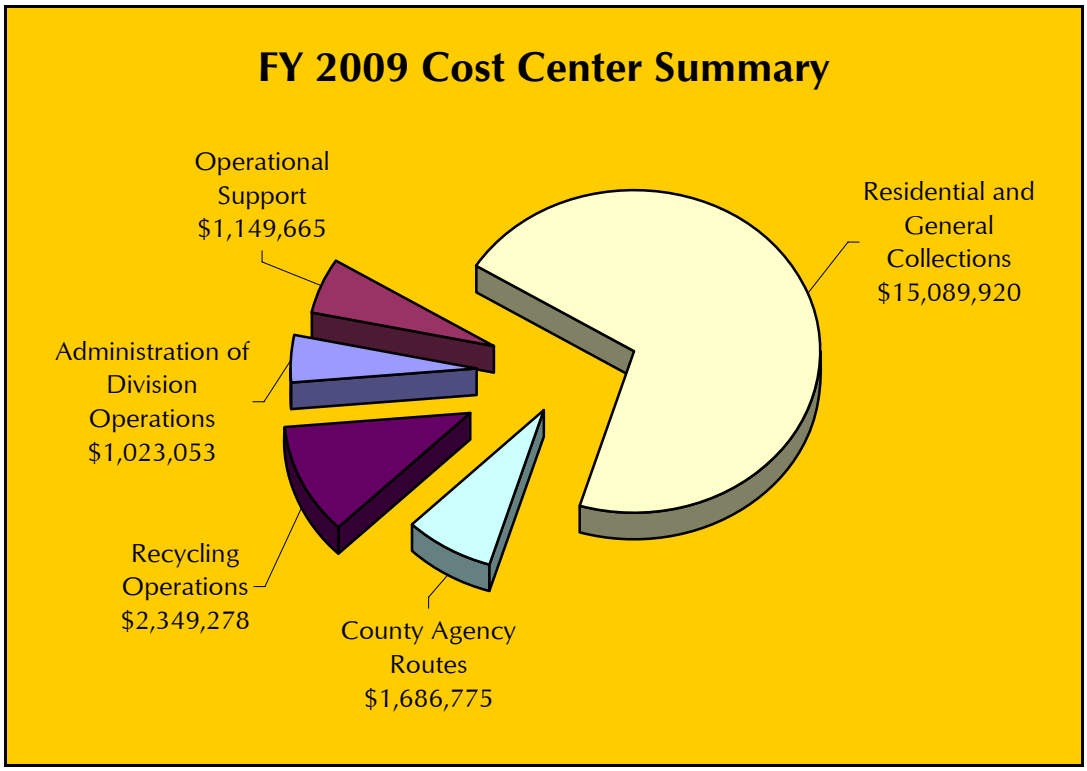
County Agency Routes

4 Heavy Equipment Operators
1 Engineering Technician I
1 Maintenance Trade Helper II
1 Welder I

Recycling Operations

1 Management Analyst IV
2 Management Analysts II
1 Internet/Intranet Architect I
2 Management Analysts I
1 Heavy Equipment Supervisor
4 Heavy Equipment Operators
1 Maintenance Worker
1 Communications Specialist II

TOTAL POSITIONS
138 Positions / 138.0 Staff Years



FY 2009 Funding Adjustments

The following funding adjustments from the FY 2008 Revised Budget Plan are necessary to support the FY 2009 program:

- **Employee Compensation** **$318,732**
  An increase of $318,732 in Personnel Services is associated with salary adjustments necessary to support the County's compensation program. As a result of budget constraints, compensation adjustments for County employees have been reduced. For FY 2009, employee increases as part of the pay for performance system have been discounted by 50 percent and the impact of the lower pay for performance funding is reflected above.

- **Operating Expenses** **$672,409**
  An increase of $672,409 in Operating Expenses includes a $104,189 increase in contractor charges for curbside recycling services, an $161,353 increase in refuse disposal charges, a $95,302 increase in costs for services provided by other agencies, a $76,447 increase in other operating equipment, a $150,000 increase in Department of Vehicle Service charges based on adjustments for rising fuel costs and anticipated vehicle maintenance costs, and an increase of $85,118 in operating supplies and expenses based on prior year costs.

- **Capital Equipment** **$2,412,000**
  Funding of $2,412,000 in Capital Equipment has been included primarily for the replacement of items that have outlived their useful lifespan based on age, mileage and repair costs. Of the funding for replacement items, $1,917,000 is for the replacement of trucks, packers and crane trucks, and $435,000 is for the replacement of roll-off compactors and containers. The remaining $60,000 is for two open top box trailers to transport brush and bulky items from customers to the I-66/I-95 facilities.

- **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 which includes repaving the asphalt over much of the 20 year old parking lot at the facility, remodeling the reception area to maximize one administrative area, and constructing additional office space.

- **Recovered Costs** **$13,318**
  A decrease of $13,318 in Recovered Costs reflects the anticipated level of recovered administration overhead costs from other Solid Waste funds, based on the spread of costs of the Fund 109 administration budget.

- **Carryover Adjustments** **($146,161)**
  A decrease of $146,161 is due to the carryover of one-time Operating Expenses as part of the *FY 2007 Carryover Review*.

Changes to FY 2008 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2008 Revised Budget Plan since passage of the FY 2008 Adopted Budget Plan. Included are all adjustments made as part of the FY 2007 Carryover Review and all other approved changes through December 31, 2007:

- **Carryover Adjustments** **$1,363,666**
  As part of the *FY 2007 Carryover Review*, the Board of Supervisors approved encumbered carryover of $1,095,212 including $146,161 in Operating Expenses and $949,051 in Capital Equipment. In addition, the carryover of unexpended project balances in the amount of $268,454 was approved for the completion of the first phase of infrastructure improvements to the Newington Facility.

A Fund Statement, a Summary of Capital Projects, and a Project Detail Table for the projects funded in FY 2009 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). The Project Detail Table includes project location, description, and a source of funding and completion schedules.

Fund 109
Refuse Collection and Recycling Operations

FUND STATEMENT

Fund Type G10, Special Revenue Funds **Fund 109, Refuse Collection**

	FY 2007 Actual	FY 2008 Adopted Budget Plan	FY 2008 Revised Budget Plan	FY 2009 Advertised Budget Plan
Beginning Balance	**$5,688,992**	**$3,604,500**	**$6,513,265**	**$3,965,105**
Revenue:				
Interest on Investments[1]	$543,746	$171,214	$171,214	$166,404
Residential and General Collections:				
Household Levy[2]	$13,310,217	$14,165,910	$14,165,910	$14,809,815
Miscellaneous	566,672	351,186	351,186	378,477
Sale of Equipment	79,213	82,000	82,000	156,500
Subtotal	$13,956,102	$14,599,096	$14,599,096	$15,344,792
County Agency Routes:				
Miscellaneous Agencies	$1,172,803	$1,302,560	$1,302,560	$1,366,810
Sale of Equipment	0	0	0	0
Miscellaneous	152,949	166,045	166,045	190,389
Subtotal	$1,325,752	$1,468,605	$1,468,605	$1,557,199
General Fund Programs:				
Community Cleanup	$505,235	$60,885	$60,885	$309,785
Health Department Referrals	485	2,368	2,368	2,341
Evictions	7,244	14,575	14,575	14,380
Court Ordered/Mandated	54	32,628	32,628	31,819
Subtotal	$513,018	$110,456	$110,456	$358,325
Other Collection Revenue:				
Leaf Collection	$571,780	$465,067	$465,067	$564,426
Miscellaneous	152,246	143,959	143,959	141,746
State Litter Funds	102,525	0	0	0
Fairfax Fair	27,854	28,289	28,289	29,258
Subtotal	$854,405	$637,315	$637,315	$735,430
Recycling Operations:				
Program Support[3]	$1,408,928	$1,759,204	$1,759,204	$1,803,065
Sale of Materials	236,817	65,763	65,763	65,763
Miscellaneous	107,775	344,085	344,085	401,791
Subtotal	$1,753,520	$2,169,052	$2,169,052	$2,270,619
Total Revenue	$18,946,543	$19,155,738	$19,155,738	$20,432,769
Transfers In:				
General Fund (001)	$90,000	$0	$0	$0
Total Transfer In	$90,000	$0	$0	$0
Total Available	**$24,725,535**	**$22,760,238**	**$25,669,003**	**$24,397,874**

Fund 109
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FUND STATEMENT

Fund Type G10, Special Revenue Funds **Fund 109, Refuse Collection**

	FY 2007 Actual	FY 2008 Adopted Budget Plan	FY 2008 Revised Budget Plan	FY 2009 Advertised Budget Plan
Expenditures:				
Personnel Services	$7,828,390	$8,560,867	$8,560,867	$8,879,599
Operating Expenses	9,099,619	9,891,661	9,944,625	10,564,070
Recovered Costs[4]	(704,687)	(795,296)	(795,296)	(781,978)
Capital Equipment	1,748,401	2,458,000	3,500,248	2,412,000
Capital Projects	240,547	225,000	493,454	225,000
Total Expenditures	$18,212,270	$20,340,232	$21,703,898	$21,298,691
Total Disbursements	**$18,212,270**	**$20,340,232**	**$21,703,898**	**$21,298,691**
Ending Balance	**$6,513,265**	**$2,420,006**	**$3,965,105**	**$3,099,183**
Collection Equipment Reserve	$864,773	$321,325	$321,325	$321,051
Recycling Equipment Reserve	329,931	339,835	339,835	321,325
PC Replacement Reserve[5]	46,937	46,937	46,937	46,200
Construction and Infrastructure Reserve[6]	1,050,413	381,056	381,056	337,112
Rate Stabilization Reserve[7]	1,000,000	530,853	530,853	621,041
Residential/General Equipment Reserve[8]	0	800,000	800,000	1,452,454
Unreserved Balance	**$3,221,211**	**$0**	**$1,545,099**	**$0**
Levy per Household Unit	$315/unit	$330/unit	$330/unit	$345/unit

[1] In order to account for revenues and expenditures in the proper fiscal year, an audit adjustment in the amount of $3,096 has been reflected as an increase to FY 2007 revenue to reflect the actual interest on Investments. The audit adjustment has been included in the FY 2007 Comprehensive Annual Financial Report (CAFR). Details of the FY 2007 audit adjustments will be included in the FY 2008 Third Quarter Package.

[2] The FY 2009 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.

[3]The Recycling Operations program is supported by Fund 110, Refuse Disposal. The estimate for Program Support is calculated using the projected level of expenditures for recycling operations as conducted in Fund 109, Refuse Collection and Recycling Operations, and offset by revenue received from the sale of recycled materials.

[4] Recovered Costs represents billings to Fund 108, Leaf Collection, for its share of the total administrative costs for Agency 45, 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.

[5] The PC Replacement Reserve provides funding for the timely replacement of obsolete computer equipment.

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

[7] The Rate Stabilization Reserve provides funds to mitigate against unusually large rate increases in future years.

[8] The 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 2009 Summary of Capital Projects

Fund: 109 Refuse Collection and Recycling Operations

Project #	Description	Total Project Estimate	FY 2007 Actual Expenditures	FY 2008 Revised Budget	FY 2009 Advertised Budget Plan
109001	Newington Facility Enhancements	$1,393,038	$240,547.00	$493,453.78	$225,000
Total		**$1,393,038**	**$240,547.00**	**$493,453.78**	**$225,000**

Fund 109
Refuse Collection and Recycling Operations

109001	Newington Facility Enhancements
6901 Allen Park Road	Mount Vernon

Description and Justification: This on-going project funds the infrastructure improvements, electrical upgrades and maintenance of the Newington Facility and operations. The entire process is anticipated to be performed over the next several years and the work will be done in phases including building and pavement repairs. The first phase was designed to conserve energy and improve the efficiency of the operations. This phase was completed in FY 2007 and consisted of lighting and electrical system upgrades, the replacement/upgrade of the infrared heating system (included a new heating system in the storage building), waste oil heater installation and roof/skylight maintenance.

The second phase includes repaving the asphalt over much of the 20-year old parking lot at the facility resulting from the usage of large heavy trucks, remodeling the reception area and constructing additional office space to accommodate all existing staff. Construction is anticipated to begin in FY 2008. FY 2009 funding of $225,000 will provide the funding to continue the second phase.

	Total Project Estimate	Prior Expenditures	FY 2007 Expenditures	FY 2008 Revised Budget Plan	FY 2009 Advertised Budget Plan	Future Years
Land Acquisition	$510,000	$51,002	$0	$458,998	$0	$0
Design and Engineering	378,703	113,700	0	265,003	0	0
Construction	494,335	269,335	0	0	225,000	0
Other	10,000	0	240,547	(230,547)	0	0
Total	$1,393,038	$434,037	$240,547	$493,454	**$225,000**	$0

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
$0	$0	$0	$225,000	$225,000