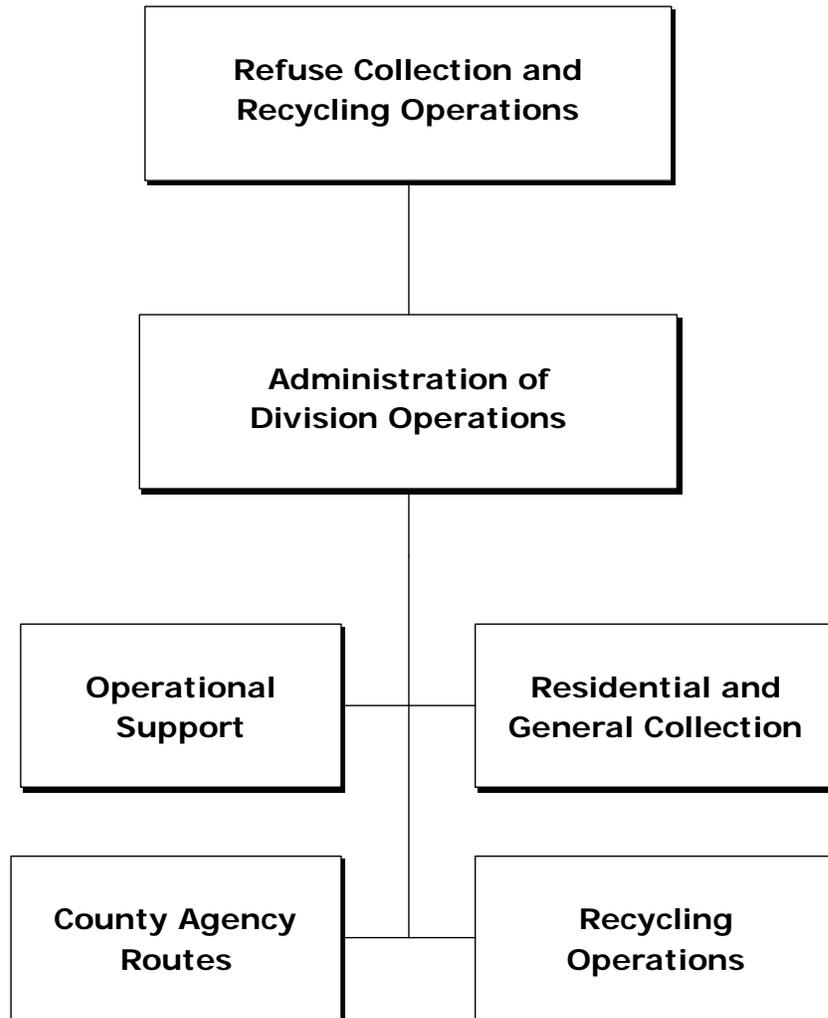


Fund 109

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 83 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 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, County agencies and eight un-manned recycling drop-off centers. 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.

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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 2013, the rate of \$345 will remain the same as the FY 2012 Adopted Budget Plan level.

Additional revenue for Fund 109 is generated from the sale of recyclables which serves to partially offset expenditure requirements. Furthermore, Fund 109 administers recycling operations for Fund 110, Refuse Disposal, and is reimbursed by Fund 110 for performing that service. During FY 2013, DSWCR will continue to use County staff and equipment to collect refuse and recyclables on residential routes.

DSWCR is responsible for the collection of refuse from County agencies and several institutions including George Mason University and Northern Virginia Community College, Annandale Campus. Revenue is derived from billings to County agencies and other institutions based on the cubic yard capacity of the containers assigned to individual agencies as needed to provide adequate service. The cost per cubic yard is formula-driven and is based on fiscal year operating expenses.

DSWCR will continue two programs designed to address oversized piles of waste and illegal dumping throughout the County. The first program, entitled *MegaBulk*, provides residents 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 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. Residents request the service from DSWCR, are provided with a price for the service prior to collection and may pay by check or credit card. Residents are not obligated to use the service even after a price quote is provided, as they may elect to use another company to perform the work.

The second program entitled *Clean Streets Initiative (CSI)*, partners with the Fairfax County Health Department to respond to complaints about uncollected waste dumped or illegally placed on properties throughout the County. The Health Department refers the complaint to DSWCR to contact the property owner to compel him/her to remove the waste. If the owner refuses to remove the waste, then DSWCR staff removes the material for disposal and the owner is billed for the service. If the owner still refuses to pay, a lien is placed on the property for the price of the service.

In FY 2011 and FY 2012, new rolling recycling carts were distributed to the County's approximate 44,000 residential refuse and recycling collection customers. These containers allow residents to recycle cans, bottles, paper and cardboard in the same container which then can be rolled to the curb, they also provide more collection capacity than the former containers. These new containers have been outfitted with radio frequency identification tags (RFID). The RFID tag allows the County to attach the serial number of the cart to an individual address in order to ensure that each residence has the appropriate containers and to track the location of the carts. DSWCR also invested in a new customer service software system to better serve residents. The new system is a web-based tool hosted on a server maintained by the contractor which provides the software. This software promotes improved tracking and scheduling of customer service requests and allows for the entire history of service at a particular location to be archived in the system so that customer service representatives can view the service history at an individual address.

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 in FY 2013 is to maintain the recycling rate in the municipal solid waste stream at or above the Commonwealth of Virginia mandated goal of 25 percent.

Fund 109

Refuse Collection and Recycling Operations

Based on Calendar Year 2011, the current rate is 47 percent. (Please note that the annual recycling rate for Fairfax County is calculated on a calendar year basis as required by state rules.)

Agency 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 2013 Adopted Budget Plan for those items.

Budget and Staff Resources

Agency Summary					
Category	FY 2011 Actual	FY 2012 Adopted Budget Plan	FY 2012 Revised Budget Plan	FY 2013 Advertised Budget Plan	FY 2013 Adopted Budget Plan
Authorized Positions/Staff Years					
Regular	150 / 150	150 / 150	149 / 149	149 / 149	149 / 149
Expenditures:					
Personnel Services	\$10,608,629	\$10,166,397	\$10,284,519	\$10,545,258	\$10,641,879
Operating Expenses	8,660,316	9,455,653	9,512,156	9,455,653	9,455,653
Capital Equipment	248,324	1,359,600	2,243,540	2,680,600	2,680,600
Capital Projects	10,866	100,000	871,713	125,000	125,000
Subtotal	\$19,528,135	\$21,081,650	\$22,911,928	\$22,806,511	\$22,903,132
Less:					
Recovered Costs	(\$881,757)	(\$843,332)	(\$843,332)	(\$843,332)	(\$843,332)
Total Expenditures	\$18,646,378	\$20,238,318	\$22,068,596	\$21,963,179	\$22,059,800

Summary By Cost Center					
Category ¹	FY 2011 Actual	FY 2012 Adopted Budget Plan	FY 2012 Revised Budget Plan	FY 2013 Advertised Budget Plan	FY 2013 Adopted Budget Plan
Administration of Division Operations	\$722,892	\$1,310,640	\$1,325,075	\$1,402,584	\$1,414,905
Operational Support	935,331	1,058,494	1,839,035	1,107,926	1,115,463
Residential and General Collections	13,301,240	14,258,805	15,254,577	15,759,718	15,820,264
County Agency Routes	1,568,163	1,438,002	1,443,248	1,482,517	1,486,995
Recycling Operations	2,118,752	2,172,377	2,206,661	2,210,434	2,222,173
Total Expenditures	\$18,646,378	\$20,238,318	\$22,068,596	\$21,963,179	\$22,059,800

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

Fund 109

Refuse Collection and Recycling Operations

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>1 Management Analyst III</p> <p>2 Management Analysts II</p> <p>1 Safety Analyst</p> <p>1 Network/Telecomm. 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 Asst. Refuse Superintendents</p> <p>2 Public Works Environmental Services Specialists</p> <p>1 Administrative Assistant III</p> <p>3 Administrative Assistants II</p> <p>1 Welder I</p> <p>1 Welder II</p> <p>2 Equipment Repairers</p> <p><u>Residential and General Collections</u></p> <p>1 Management Analyst II</p> <p>1 Public Works Environmental Services Specialist</p> <p>4 Heavy Equipment Supervisors</p> <p>10 Heavy Equipment Operators</p> <p>31 Motor Equipment Operators</p> <p>58 Maintenance Workers</p> <p>1 Safety Analyst</p>	<p><u>County Agency Routes</u></p> <p>4 Heavy Equipment Operators</p> <p>1 Engineering Technician I</p> <p>1 Heavy Equipment Supervisor</p> <p><u>Recycling Operations</u></p> <p>1 Public Works Environmental Services Specialist</p> <p>1 Management Analyst IV</p> <p>1 Management Analyst II</p> <p>2 Management Analysts I</p> <p>1 Internet/Intranet Architect I</p> <p>3 Heavy Equipment Operators</p> <p>1 Communications Specialist II</p> <p>1 Engineering Technician II</p> <p>1 Maintenance Worker</p>
TOTAL POSITIONS		
149 Positions / 149.0 Staff Years		

FY 2013 Funding Adjustments

The following funding adjustments from the FY 2012 Adopted Budget Plan are necessary to support the FY 2013 program. Included are all adjustments recommended by the County Executive that were approved by the Board of Supervisors, as well as any additional Board of Supervisors' actions, as approved in the adoption of the budget on May 1, 2012.

- ◆ **Employee Compensation** **\$268,706**

An increase of \$268,706 in Personnel Services reflects \$172,085 for a 2.18 percent market rate adjustment (MRA) in FY 2013, effective July 2012, and \$96,621 for a 2.50 percent performance-based scale and salary increase for non-uniformed merit employees, effective January 2013.
- ◆ **Full Year Impact of FY 2012 Market Rate Adjustment** **\$154,777**

As part of the *FY 2011 Carryover Review*, the Board of Supervisors approved an increase of \$154,777 in Personnel Services for a 2.0 percent market rate adjustment (MRA), effective September 24, 2011.
- ◆ **Other Post-Employment Benefits** **\$51,999**

An increase of \$51,999 in Personnel Services reflects required adjustments associated with providing Other Post-Employment Benefits (OPEBs) to retirees, including the Retiree Health Benefits Subsidy. Before FY 2011, costs related to these benefits were paid solely by the General Fund; however, these costs are now spread across funds in order to more appropriately reflect benefit-related expenses for the employees within each fund. For more information on Other Post-Employment Benefits, please refer to Fund 603, OPEB Trust Fund, in Volume 2 of the FY 2013 Adopted Budget Plan.

Fund 109

Refuse Collection and Recycling Operations

- ◆ **Capital Equipment** **\$2,680,600**
Funding of \$2,680,600 for the replacement of Capital Equipment including \$1,250,000 for five automated trucks, \$1,000,000 for four cranes to collect and transport residential refuse, \$150,000 for one rear loading packer, \$143,600 for four roll-off compactors, \$60,000 for two pick-up trucks, \$45,000 for one cube van to deliver wheeled carts to various sanitary districts, and \$32,000 for four roll-off containers. These replacement items have all exceeded their useful life and are required to be replaced based on age, mileage, frequency of costly repairs, excessive downtime and overall condition of the equipment.

- ◆ **Capital Projects** **\$125,000**
Funding of \$125,000 is included for an on-going project to repair and renovate the Newington equipment facility. This phase involves the repair and replacement of the exterior windows and doors on the 20 year old facility, which are experiencing leaking and are in an advance state of deterioration.

Changes to FY 2012 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2012 Revised Budget Plan since passage of the FY 2012 Adopted Budget Plan. Included are all adjustments made as part of the FY 2011 Carryover Review, FY 2012 Third Quarter Review, and all other approved changes through April 24, 2012.

- ◆ **Carryover Adjustments** **\$1,830,278**
As part of the *FY 2011 Carryover Review*, the Board of Supervisors approved funding of \$118,122 in Personnel Services for a 2.0 percent market rate adjustment, effective September 24, 2011. In addition, the Board approved encumbered funding of \$56,503 in Operating Expenses, \$883,940 in Capital Equipment, as well as, \$771,713 in unexpended project balances.

- ◆ **Position Movement** **\$0**
During FY 2012, Fund 109, Refuse Collection and Recycling Operations transferred 1/1.0 SYE position to Fund 125, Stormwater Services to support additional and specialized maintenance required at a growing number of Low Impact Development facilities, including facilities with bio-retention, vegetated swales and green roofs.

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 2011 Actual	FY 2012 Adopted Budget Plan	FY 2012 Revised Budget Plan	FY 2013 Advertised Budget Plan	FY 2013 Adopted Budget Plan
Beginning Balance	\$8,559,226	\$8,059,886	\$11,266,686	\$9,892,024	\$9,892,024
Revenue:					
Interest on Investments	\$57,846	\$14,127	\$14,127	\$29,851	\$29,851
Residential and General Collections:					
Household Levy ¹	\$14,517,328	\$14,694,930	\$14,694,930	\$14,798,333	\$14,798,333
Miscellaneous	550,498	330,576	365,958	296,351	296,351
Sale of Equipment	221,537	239,234	239,234	388,234	388,234
Subtotal	\$15,289,363	\$15,264,740	\$15,300,122	\$15,482,918	\$15,482,918
County Agency Routes:					
Miscellaneous Agencies	\$1,510,281	\$1,472,694	\$1,472,694	\$1,504,813	\$1,504,813
Sale of Equipment	319,714	1,000	5,000	6,500	6,500
Miscellaneous	265,185	175,838	171,838	250,583	250,583
Subtotal	\$2,095,180	\$1,649,532	\$1,649,532	\$1,761,896	\$1,761,896
General Fund Programs:					
Community Cleanup	\$329,932	\$309,785	\$309,785	\$332,425	\$332,425
Health Department Referrals	2,840	7,000	7,000	2,900	2,900
Evictions	7,410	5,540	5,540	7,500	7,500
Court Ordered/Mandated	15,493	36,000	35,951	15,500	15,500
Subtotal	\$355,675	\$358,325	\$358,276	\$358,325	\$358,325
Other Collection Revenue:					
Leaf Collection	\$927,765	\$841,084	\$841,084	\$841,084	\$841,084
Miscellaneous	109,849	83,684	91,653	112,467	112,467
State Litter Funds	115,003	0	0	0	0
Fairfax Fair	0	10,000	10,000	0	0
Landfill Proffer	60,087	0	0	60,000	60,000
Subtotal	\$1,212,704	\$934,768	\$942,737	\$1,013,551	\$1,013,551
Recycling Operations:					
Program Support ²	\$1,624,544	\$1,861,832	\$1,861,832	\$1,861,832	\$1,861,832
Sale of Materials	451,046	305,260	305,260	224,178	224,178
Miscellaneous	267,480	305,350	262,048	339,259	339,259
Subtotal	\$2,343,070	\$2,472,442	\$2,429,140	\$2,425,269	\$2,425,269
Total Revenue	\$21,353,838	\$20,693,934	\$20,693,934	\$21,071,810	\$21,071,810
Total Available	\$29,913,064	\$28,753,820	\$31,960,620	\$30,963,834	\$30,963,834

Fund 109

Refuse Collection and Recycling Operations

FUND STATEMENT

Fund Type G10, Special Revenue Funds

Fund 109, Refuse Collection

	FY 2011 Actual	FY 2012 Adopted Budget Plan	FY 2012 Revised Budget Plan	FY 2013 Advertised Budget Plan	FY 2013 Adopted Budget Plan
Expenditures:					
Personnel Services	\$10,608,629	\$10,166,397	\$10,284,519	\$10,545,258	\$10,641,879
Operating Expenses	8,660,316	9,455,653	9,512,156	9,455,653	9,455,653
Recovered Costs ³	(881,757)	(843,332)	(843,332)	(843,332)	(843,332)
Capital Equipment	248,324	1,359,600	2,243,540	2,680,600	2,680,600
Capital Projects	10,866	100,000	871,713	125,000	125,000
Total Expenditures	\$18,646,378	\$20,238,318	\$22,068,596	\$21,963,179	\$22,059,800
Total Disbursements	\$18,646,378	\$20,238,318	\$22,068,596	\$21,963,179	\$22,059,800
Ending Balance⁴	\$11,266,686	\$8,515,502	\$9,892,024	\$9,000,655	\$8,904,034
Wheeled Container Reserve ⁵	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Collection Equipment Reserve	351,720	368,995	368,995	397,870	397,870
Recycling Equipment Reserve	325,000	305,260	305,260	305,260	305,260
PC Replacement Reserve ⁶	60,000	60,000	60,000	60,000	60,000
Construction and Infrastructure Reserve ⁷	2,066,580	1,600,000	1,907,769	1,782,769	1,782,769
Rate Stabilization Reserve ⁸	4,250,000	3,548,663	4,000,000	3,836,756	3,740,135
Residential/General Equipment Reserve ⁹	3,250,000	2,382,584	3,000,000	2,368,000	2,368,000
Unreserved Balance	\$713,386	\$0	\$0	\$0	\$0
Levy per Household Unit	\$345/Unit	\$345/Unit	\$345/Unit	\$345/Unit	\$345/Unit

¹The FY 2013 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 451 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, partially offset by revenue received from the sale of recycled materials.

³Recovered Costs represent 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.

⁴Ending balance fluctuations are a result of operating and revenue requirements that change annually. Funding is carried forward each fiscal year to provide flexibility given the uncertainty of market conditions and expenditure requirements.

⁵The Wheeled Container Reserve sets aside funds to purchase/replace single-stream recycling and trash collection containers for sanitary district customers.

⁶The PC Replacement Reserve provides funding for the timely replacement of obsolete computer equipment.

⁷The Construction and Infrastructure Reserve funds emergency repairs necessary at the Newington Solid Waste Facility.

⁸The Rate Stabilization Reserve provides funds to mitigate against any need for an unusually large rate increase in a future year.

⁹The Residential/General Equipment Reserve provides the Residential and General Collections Cost Center with set aside funds for future anticipated equipment purchases and is calculated annually based on replacement value and age of equipment.

Fund 109

Refuse Collection and Recycling Operations

FY 2013 Summary of Capital Projects

Fund: 109, Refuse Collection and Recycling Operations

Project #	Description	Total Project Estimate	FY 2011 Actual Expenditures	FY 2012 Revised Budget	FY 2013 Advertised Budget Plan	FY 2013 Adopted Budget Plan
109001	Newington Facility Enhancements	\$1,943,038	\$10,866.25	\$871,712.60	\$125,000	\$125,000
Total		\$1,943,038	\$10,866.25	\$871,712.60	\$125,000	\$125,000