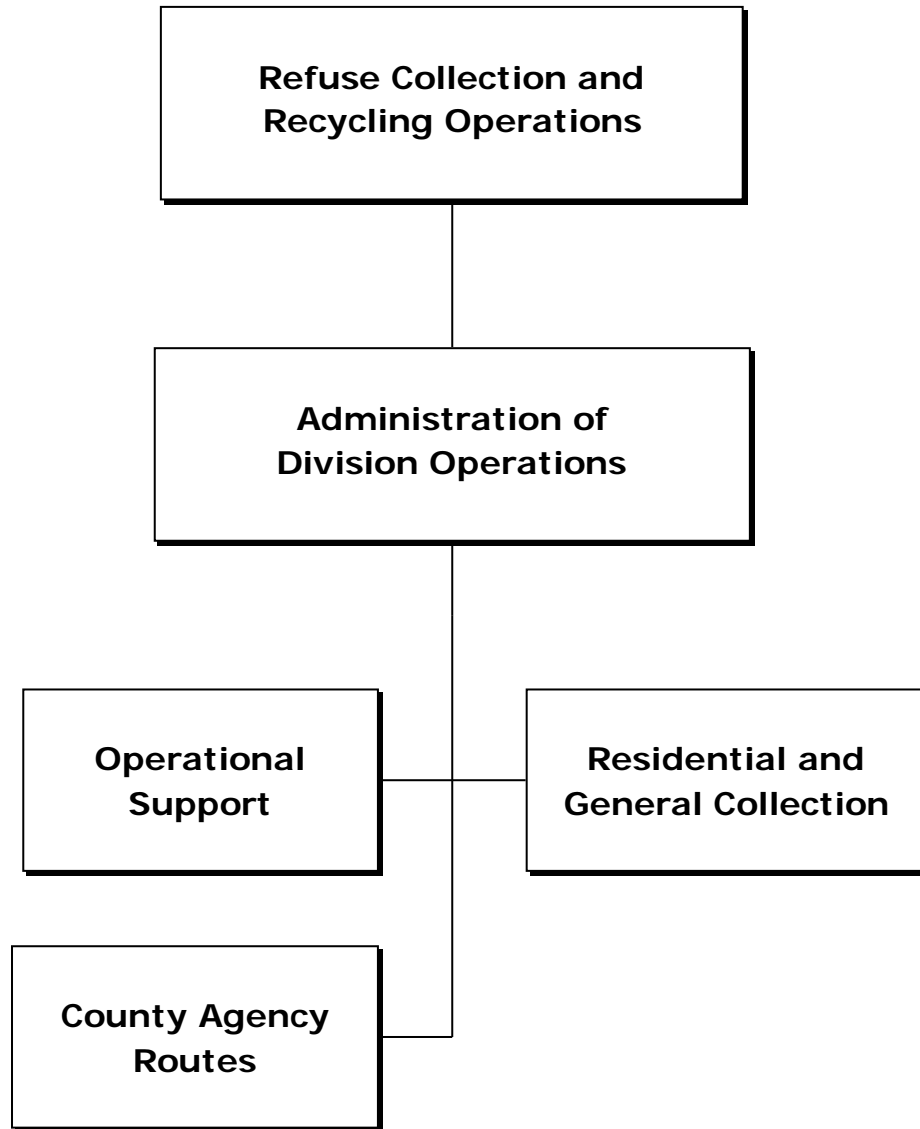


Fund 40140

Refuse Collection and Recycling Operations



Mission

The Fairfax County Solid Waste Management Program (SWMP) provides municipal refuse and recyclable collection services in an environmentally-sound and economically-viable manner to County residents within sanitary collection districts and other County and State government agencies. These operations are dedicated to keeping Fairfax County clean by preventing pollution associated with the improper disposal of refuse. The SWMP refuse collection operations also strive to reduce the County's overall municipal solid waste stream through the effective development, implementation and management of comprehensive waste reduction and recycling strategies to ensure Fairfax County meets or exceeds the Commonwealth of Virginia's recycling mandate of 25 percent of the solid waste stream.

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Focus

Refuse Collection and Recycling operations in the SWMP are responsible for the collection of refuse and recyclable materials from approximately 43,100 residential customers within Fairfax County's sanitary refuse collection districts, properties owned or occupied by county agencies, and two public college campuses. The SWMP provides collection services to prevent health and safety hazards including the Community Cleanup Program, the Health Department Referral Program, the Sheriff's Office Evictions Program and the Court/Board-directed Cleanup Program. The SWMP provides staff and equipment for these operations. Additionally, SWMP responds to community emergencies and recovery efforts in the wake of floods, hurricanes, snow events, and other emergencies.

Refuse Collection and Recycling Operations supports the following County Vision Elements:



Practicing Environmental Stewardship



Maintaining Safe and Caring Communities



Connecting People and Places



Creating a Culture of Engagement

The SWMP manages the system to promote recycling of Fairfax County-generated wastes, including:

- Overall management of solid waste reduction and recycling programs.
- Plans for future recycling programs and waste reduction systems.
- Reducing the amount of waste sent for disposal through recycling programs that divert reusable or recyclable items from the waste stream to avoid disposal.

Refuse and recyclable materials collection is provided to residents within sanitary refuse collection districts, which are created by the Board of Supervisors upon receipt of petition to provide said service. Residents are charged an annual fee for weekly refuse and recycling collection service through the semi-annual property tax collection system. In FY 2019, the annual collection rate of \$345 is proposed to increase by \$5 to \$350. The proposed rate is the first rate increase in ten years and will assist SWMP in meeting increased labor and contractual costs necessary to operate the collections programs.

SWMP County Agency Route Program (CAR) is responsible for the collection of refuse and recycling from County agencies, George Mason University and Northern Virginia Community College, Annandale Campus. Revenue is derived from billings based upon the cubic yard capacity of the containers at each location, labor, equipment and overhead costs as needed to provide adequate service.

The SWMP operates two programs designed to address oversized piles of waste and illegal dumping throughout the County. The first program, *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 billed individually to each customer based on the size of the pile of refuse that is placed at the curb.

The second program, *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 the SWMP which contacts the property owner to

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compel them to remove the waste. If the owner refuses, SWMP staff removes the material for disposal and the owner is billed for the service.

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 2019 Advertised Budget Plan for those items.

Budget and Staff Resources

Category	FY 2017 Actual	FY 2018 Adopted	FY 2018 Revised	FY 2019 Advertised
FUNDING				
Expenditures:				
Personnel Services	\$9,112,851	\$10,481,674	\$10,481,674	\$10,101,940
Operating Expenses	8,474,706	7,517,165	7,534,530	7,517,165
Capital Equipment	730,573	550,000	855,845	1,009,000
Capital Projects	0	0	801,915	0
Subtotal	\$18,318,130	\$18,548,839	\$19,673,964	\$18,628,105
Less:				
Recovered Costs	(\$134,281)	(\$69,959)	(\$69,959)	(\$69,959)
Total Expenditures	\$18,183,849	\$18,478,880	\$19,604,005	\$18,558,146
AUTHORIZED POSITIONS/FULL-TIME EQUIVALENT (FTE)				
Regular	119 / 119	119 / 119	117 / 117	117 / 117
<hr/>				
<u>Admin. of Division Operations</u>		<u>Residential and General Collections</u>		<u>County Agency Routes</u>
1 Deputy Director, DPWES			5 Heavy Equipment Operators	
1 PW Environmental Svcs. Manager		1 Solid Waste Oper. Div. Director	1 Heavy Equipment Supervisor	
1 Human Resources Generalist III		1 Asst. Refuse Superintendent		
1 Human Resources Generalist I		2 Equipment Repairers		
1 Safety Analyst		7 Lead Refuse Operators		
3 Administrative Assistants IV		3 Maintenance Supervisors		
1 Administrative Assistant III		1 Management Analyst II		
1 Financial Specialist II		1 Trades Supervisor		
		1 PW Environmental Svcs. Specialist		
<u>Operational Support</u>		4 Heavy Equipment Supervisors		
2 Asst. Refuse Superintendents		11 Heavy Equipment Operators		
2 PW Environmental Svcs. Specialists		22 Motor Equipment Operators		
3 Administrative Assistants III		4 Senior Maintenance Workers		
3 Administrative Assistants II		31 Maintenance Workers		
1 Welder II				
1 Welder I				
<hr/>				
TOTAL POSITIONS				
117 Positions / 117.0 FTE				

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Refuse Collection and Recycling Operations

FY 2019 Funding Adjustments

The following funding adjustments from the FY 2018 Adopted Budget Plan are necessary to support the FY 2019 program.

- ◆ **Employee Compensation** **\$312,667**
An increase of \$312,667 in Personnel Services includes \$186,843 for a 2.25 percent market rate adjustment (MRA) for all employees and \$125,824 for performance-based and longevity increases for non-uniformed merit employees, both effective July 2018.

- ◆ **Other Post-Employment Benefits** **\$42,449**
An increase of \$42,499 in Personnel Services reflects required adjustments associated with providing Other Post-Employment Benefits (OPEBs) to retirees, including the Retiree Health Benefits Subsidy. For more information on Other Post-Employment Benefits, please refer to Fund 73030, OPEB Trust, in Volume 2 of the FY 2019 Advertised Budget Plan.

- ◆ **Personnel Services** **(\$734,850)**
A decrease of \$734,850 in Personnel Services is based on actual salary requirements from prior years and the division's efforts to streamline costs and improve efficiencies.

- ◆ **Capital Equipment** **\$1,009,000**
Funding of \$1,009,000 in Capital Equipment is included for the replacement of two rear loading packers, two pick-up trucks, a crane and a pack rat. These items have exceeded their useful life and are required to be replaced based on the overall age and condition of the equipment.

Changes to FY 2018 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2018 Revised Budget Plan since passage of the FY 2018 Adopted Budget Plan. Included are all adjustments made as part of the FY 2017 Carryover Review, and all other approved changes through December 31, 2017.

- ◆ **Carryover Adjustments** **\$1,125,125**
As part of the FY 2017 Carryover Review, the Board of Supervisors approved an increase of \$1,125,125 due to \$117,530 in encumbered carryover, \$801,915 in unexpended Capital Project balances, and an increase of \$205,680 in Capital Equipment to support the refurbishment of a refuse truck that is critical for refuse collection operations.

- ◆ **Position Adjustments** **\$0**
In order to properly align staff with workload requirements, 2/2.0 FTE positions were transferred from Fund 40140, Refuse Collection and Recycling Operations, to Fund 40170, I-95 Refuse Disposal.

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).

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Refuse Collection and Recycling Operations

FUND STATEMENT

Fund 40140, Refuse Collection

	FY 2017 Actual	FY 2018 Adopted Budget Plan	FY 2018 Revised Budget Plan	FY 2019 Advertised Budget Plan
Beginning Balance	\$10,674,070	\$5,913,298	\$9,069,970	\$5,926,437
Revenue:				
Interest on Investments	\$76,609	\$47,400	\$47,400	\$77,000
Refuse Collection Fees ¹	16,386,204	16,299,769	16,299,769	16,743,090
Sale of Assets and Recyclables	160,823	110,000	110,000	110,000
Miscellaneous Revenues	196,696	82,780	82,780	26,836
Charges for Services	154,691	150,635	150,635	154,030
Replacement Reserve Fees	28,000	188,435	188,435	28,000
State Litter Funds	124,726	129,453	129,453	124,726
Total Revenue	\$17,127,749	\$17,008,472	\$17,008,472	\$17,263,682
Total Available	\$27,801,819	\$22,921,770	\$26,078,442	\$23,190,119
Expenditures:				
Personnel Services	\$9,112,851	\$10,481,674	\$10,481,674	\$10,101,940
Operating Expenses ²	8,474,706	7,517,165	7,534,530	7,517,165
Recovered Costs ²	(134,281)	(69,959)	(69,959)	(69,959)
Capital Equipment	730,573	550,000	855,845	1,009,000
Capital Projects	0	0	801,915	0
Total Expenditures	\$18,183,849	\$18,478,880	\$19,604,005	\$18,558,146
Transfers Out:				
General Fund (10001) ³	\$548,000	\$548,000	\$548,000	\$548,000
Total Transfers Out	\$548,000	\$548,000	\$548,000	\$548,000
Total Disbursements	\$18,731,849	\$19,026,880	\$20,152,005	\$19,106,146
Ending Balance⁴	\$9,069,970	\$3,894,890	\$5,926,437	\$4,083,973
Construction and Infrastructure Reserve ⁵	\$1,069,363	\$0	\$0	\$0
Rate Stabilization Reserve ⁶	3,137,834	989,425	1,989,425	687,473
Capital Equipment Reserve ⁷	2,853,509	1,896,201	1,896,201	1,355,689
Operating Reserve ⁸	2,009,264	1,009,264	2,040,811	2,040,811
Unreserved Balance	\$0	\$0	\$0	\$0
Levy per Household Unit ¹	\$345/Unit	\$345/Unit	\$345/Unit	\$350/Unit

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Refuse Collection and Recycling Operations

¹ The FY 2019 levy/collection fee per household unit is increasing by \$5 from \$345 to \$350 per unit based on additional program requirements and to avoid significant rate increases in the future. The vast majority of these fees are collected as a separate levy included on the Real Estate Tax bill. Approximately 405 units must be billed directly by the agency.

² Recovered Costs represent billings to Fund 40130, 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 40150, Refuse Disposal, for administrative costs for the recycling program which is coordinated by Fund 40140, Refuse Collection and Recycling Operations.

³ Funding in the amount of \$548,000 is transferred to the General Fund to partially offset central support services supported by the General Fund, which benefit Fund 40140. These indirect costs include support services such as Human Resources, Purchasing, Budget and other administrative services.

⁴ Ending 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.

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

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

⁷ The Capital Equipment Reserve consolidates the Collection Equipment Reserve, Recycling Equipment Reserve and Residential/General Equipment Reserve and is for future capital equipment requirements based on replacement value and age of equipment.

⁸ The Operating Reserve consolidates the Wheeled Container Reserve and PC Replacement Reserve and is for the purchase/replacement of single-stream recycling and trash collection containers for sanitary district customers, the timely replacement of obsolete computer equipment and other operating requirements.

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Refuse Collection and Recycling Operations

FY 2019 Summary of Capital Projects

Fund 40140, Refuse Collection and Recycling Operations

Project	Total Project Estimate	FY 2017 Actual Expenditures	FY 2018 Revised Budget	FY 2019 Advertised Budget Plan
Newington Refuse Facility Enhancements (SW-000001)	\$1,718,039	\$0.00	\$664,323.97	\$0
Newington-Stormwater Upgrades (SW-000007)	350,000	0.00	137,591.00	0
Total	\$2,068,039	\$0.00	\$801,914.97	\$0