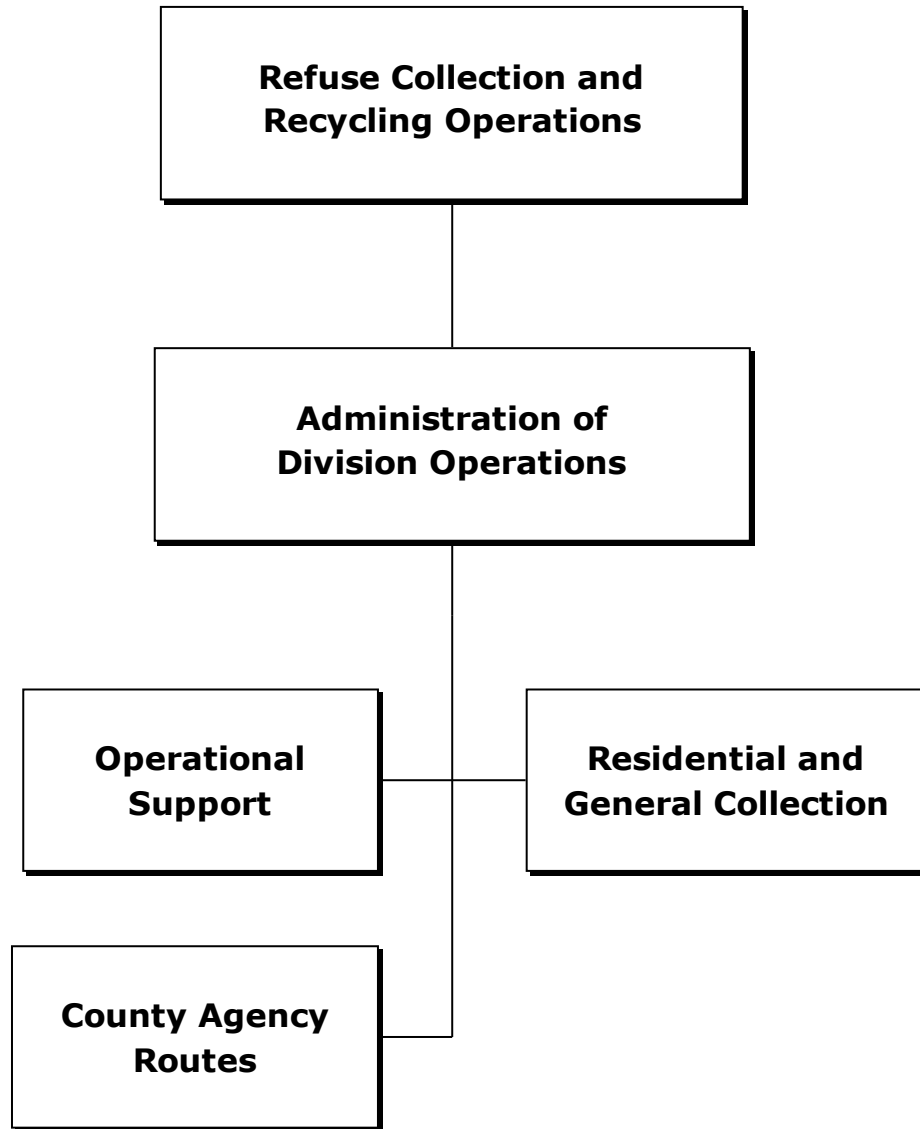


**Fund 40140**  
**Refuse Collection and Recycling Operations**

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**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 strives 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.

# Fund 40140

## Refuse Collection and Recycling Operations

### 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 2020, the annual collection rate of \$350 will increase by \$35 to \$385. This 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.

# Fund 40140

## Refuse Collection and Recycling Operations

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 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 2020 Adopted Budget Plan for those items.

### Budget and Staff Resources

Category	FY 2018 Actual	FY 2019 Adopted	FY 2019 Revised	FY 2020 Advertised	FY 2020 Adopted
<b>FUNDING</b>					
<b>Expenditures:</b>					
Personnel Services	\$8,637,911	\$10,101,940	\$9,101,940	\$9,351,630	\$9,450,739
Operating Expenses	8,864,485	7,517,165	9,007,765	8,517,165	8,517,165
Capital Equipment	500,254	1,009,000	1,664,000	900,000	900,000
Capital Projects	0	0	801,915	0	0
<b>Subtotal</b>	<b>\$18,002,650</b>	<b>\$18,628,105</b>	<b>\$20,575,620</b>	<b>\$18,768,795</b>	<b>\$18,867,904</b>
Less:					
Recovered Costs	(\$117,082)	(\$69,959)	(\$69,959)	(\$73,457)	(\$73,457)
<b>Total Expenditures</b>	<b>\$17,885,568</b>	<b>\$18,558,146</b>	<b>\$20,505,661</b>	<b>\$18,695,338</b>	<b>\$18,794,447</b>
<b>AUTHORIZED POSITIONS/FULL-TIME EQUIVALENT (FTE)</b>					
Regular	116 / 116	116 / 116	113 / 113	113 / 113	113 / 113
<b>Admin. of Division Operations</b>					
1 Deputy Director, DPWES					
1 PW Environmental Svcs. Manager					
1 Human Resources Generalist III					
1 Human Resources Generalist I					
1 Safety Analyst					
1 Financial Specialist II					
3 Administrative Assistants IV					
1 Administrative Assistant III					
<b>Operational Support</b>					
2 Asst. Refuse Superintendents					
2 PW Environmental Svcs. Specialists					
3 Administrative Assistants III					
3 Administrative Assistants II					
1 Welder II					
<b>Residential and General Collections</b>					
1 Solid Waste Oper. Div. Director					
1 PW Environmental Svcs. Specialist					
1 Management Analyst II					
1 Asst. Refuse Superintendent					
1 Trades Supervisor					
4 Heavy Equipment Supervisors					
7 Lead Refuse Operators					
2 Maintenance Supervisors					
11 Heavy Equipment Operators					
21 Motor Equipment Operators					
2 Equipment Repairers					
4 Senior Maintenance Workers					
30 Maintenance Workers					
<b>County Agency Routes</b>					
1 Heavy Equipment Supervisor					
5 Heavy Equipment Operators					
<b>TOTAL POSITIONS</b>					
<b>113 Positions / 113.0 FTE</b>					

# Fund 40140

## Refuse Collection and Recycling Operations

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### FY 2020 Funding Adjustments

The following funding adjustments from the FY 2019 Adopted Budget Plan are necessary to support the FY 2020 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 7, 2019.

- ◆ **Employee Compensation** **\$321,367**  
An increase of \$321,367 in Personnel Services includes \$189,207 for a 2.10 percent market rate adjustment (MRA) for all employees and \$132,160 for performance-based and longevity increases for non-uniformed merit employees, both effective July 2019.
  
- ◆ **Other Post-Employment Benefits** **\$27,432**  
An increase of \$27,432 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 2020 Adopted Budget Plan.
  
- ◆ **Capital Equipment** **\$900,000**  
Funding of \$900,000 in Capital Equipment includes \$520,000 to replace two rear loading packers, and \$380,000 for the replacement of one side loader. 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 2019 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2019 Revised Budget Plan since passage of the FY 2019 Adopted Budget Plan. Included are all adjustments made as part of the FY 2018 Carryover Review, FY 2019 Third Quarter Review, and all other approved changes through April 30, 2019.

- ◆ **Carryover Adjustments** **\$1,447,515**  
As part of the FY 2018 Carryover Review, the Board of Supervisors approved funding of \$1,447,515, including \$15,600 in encumbered funding, \$801,915 in unexpended Capital Project balances, and an increase of \$630,000 in Capital Equipment to support the replacement of one rear-loading packer and one side-loader critical for refuse collection operations.
  
- ◆ **Third Quarter Adjustments** **\$500,000**  
As part of the FY 2019 Third Quarter Review, the Board of Supervisors approved funding of \$500,000 to support an increase in equipment repair costs and increase in utilization of leased equipment due to manufacturing delays and the continued reliance upon contracted labor.
  
- ◆ **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 and 1/1.0 FTE position was transferred to Fund 40100, Stormwater Services.

## **Fund 40140**

### **Refuse Collection and Recycling Operations**

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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 40140

## Refuse Collection and Recycling Operations

### FUND STATEMENT

#### Fund 40140, Refuse Collection

	FY 2018 Actual	FY 2019 Adopted Budget Plan	FY 2019 Revised Budget Plan	FY 2020 Advertised Budget Plan	FY 2020 Adopted Budget Plan
<b>Beginning Balance</b>	\$9,069,970	\$5,926,437	\$7,788,319	\$4,498,340	\$3,998,340
Revenue:					
Interest on Investments	\$107,356	\$77,000	\$77,000	\$110,208	\$110,208
Refuse Collection Fees <sup>1</sup>	16,593,599	16,743,090	16,743,090	18,364,647	18,364,647
Sale of Assets and Recyclables	52,095	110,000	110,000	120,000	120,000
Miscellaneous Revenues	88,502	26,836	26,836	28,738	28,738
Charges for Services	167,727	154,030	154,030	163,631	163,631
Replacement Reserve Fees	21,000	28,000	28,000	28,000	28,000
State Litter Funds	121,638	124,726	124,726	120,000	120,000
<b>Total Revenue</b>	\$17,151,917	\$17,263,682	\$17,263,682	\$18,935,224	\$18,935,224
<b>Total Available</b>	\$26,221,887	\$23,190,119	\$25,052,001	\$23,433,564	\$22,933,564
Expenditures:					
Personnel Services	\$8,637,911	\$10,101,940	\$9,101,940	\$9,351,630	\$9,450,739
Operating Expenses	8,864,485	7,517,165	9,007,765	8,517,165	8,517,165
Recovered Costs <sup>2</sup>	(117,082)	(69,959)	(69,959)	(73,457)	(73,457)
Capital Equipment	500,254	1,009,000	1,664,000	900,000	900,000
Capital Projects	0	0	801,915	0	0
<b>Total Expenditures</b>	\$17,885,568	\$18,558,146	\$20,505,661	\$18,695,338	\$18,794,447
Transfers Out:					
General Fund (10001) <sup>3</sup>	\$548,000	\$548,000	\$548,000	\$494,000	\$494,000
<b>Total Transfers Out</b>	\$548,000	\$548,000	\$548,000	\$494,000	\$494,000
<b>Total Disbursements</b>	\$18,433,568	\$19,106,146	\$21,053,661	\$19,189,338	\$19,288,447
<b>Ending Balance<sup>4</sup></b>	\$7,788,319	\$4,083,973	\$3,998,340	\$4,244,226	\$3,645,117
Construction and Infrastructure Reserve <sup>5</sup>	\$0	\$0	\$0	\$500,000	\$0
Rate Stabilization Reserve <sup>6</sup>	1,989,425	687,473	687,473	621,771	621,771
Capital Equipment Reserve <sup>7</sup>	3,758,083	1,355,689	1,770,056	1,736,954	1,736,954
Operating Reserve <sup>8</sup>	2,040,811	2,040,811	1,540,811	1,385,501	1,286,392
<b>Unreserved Balance</b>	\$0	\$0	\$0	\$0	\$0
Levy per Household Unit <sup>1</sup>	\$345/Unit	\$350/Unit	\$350/Unit	\$385/Unit	\$385/Unit

# Fund 40140

## Refuse Collection and Recycling Operations

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<sup>1</sup> The FY 2020 levy/collection fee per household unit will increase by \$35 from \$350 to \$385 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.

<sup>2</sup> 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.

<sup>3</sup> Beginning in FY 2020, funding in the amount of \$548,000 has been reduced by \$54,000 to \$494,000, with a corresponding increase in Fund 40130 of \$54,000. This amount 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.

<sup>4</sup> 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.

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

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

<sup>7</sup> 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.

<sup>8</sup> 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.

# Fund 40140

## Refuse Collection and Recycling Operations

### FY 2020 Summary of Capital Projects

#### Fund 40140, Refuse Collection and Recycling Operations

<b>Project</b>	<b>Total Project Estimate</b>	<b>FY 2018 Actual Expenditures</b>	<b>FY 2019 Revised Budget</b>	<b>FY 2020 Advertised Budget Plan</b>	<b>FY 2020 Adopted Budget Plan</b>
Newington Refuse Facility Enhancements (SW-000001)	\$1,855,630	\$0.00	\$801,914.97	\$0	\$0
<b>Total</b>	<b>\$1,855,630</b>	<b>\$0.00</b>	<b>\$801,914.97</b>	<b>\$0</b>	<b>\$0</b>