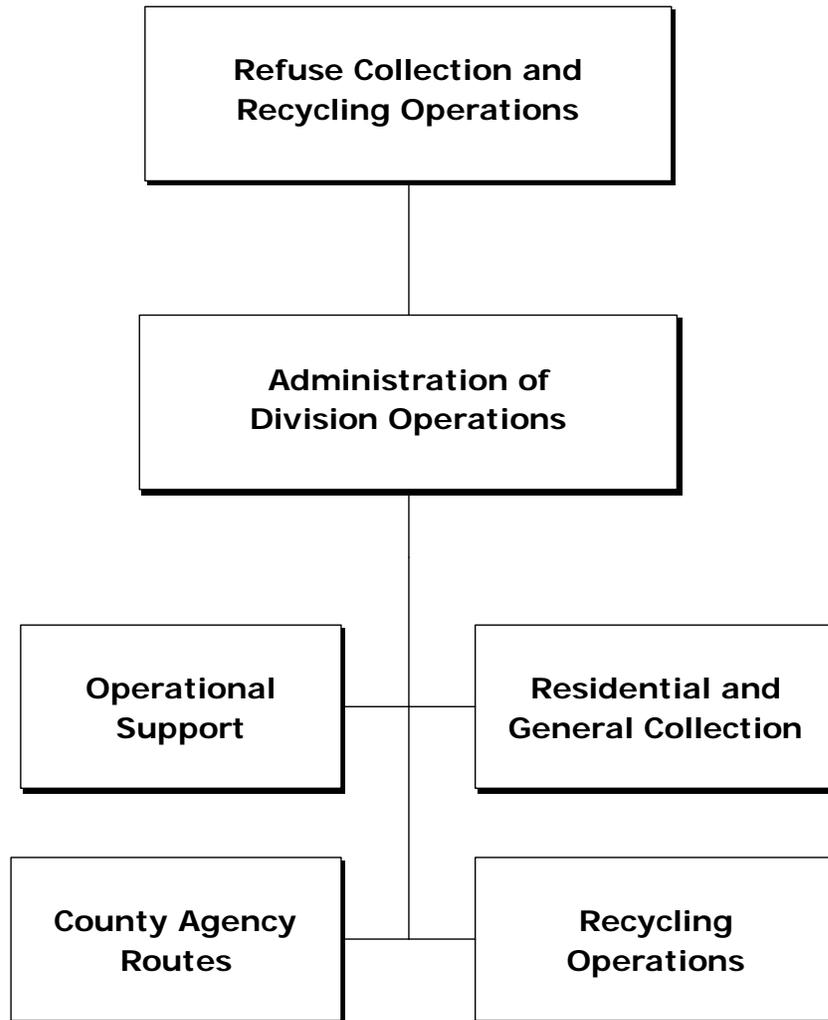


# Fund 40140

## Refuse Collection and Recycling Operations



### Mission

The Fairfax County Solid Waste Management Program (SWMP) is dedicated to keeping Fairfax County clean by preventing pollution and other contamination associated with the improper disposal of refuse. This is achieved by providing environmentally-sound and economically-viable refuse and recyclables collection services to residents within sanitary refuse collection districts and to Fairfax County agencies. The SWMP is also focused on reducing the County's municipal solid waste stream through the effective development, implementation and management of comprehensive waste reduction and recycling strategies to ensure that Fairfax County meets or exceeds the Commonwealth of Virginia's recycling mandate of 25 percent of the solid waste stream.

### Focus

Refuse Collection and Recycling operations in the SWMP are responsible for the collection of refuse and recyclable materials from about 44,000 residential customers within Fairfax County's sanitary refuse collection districts, about 220 properties that the county owns and occupies, two college campuses, and six unmanned recycling drop-off centers. The SWMP provides certain services related to keeping the community clean to prevent health and safety hazards including the Community Cleanup Program, the Health Department Referral Program, the Evictions Program and the Court/Board-directed Cleanup

## Fund 40140

# Refuse Collection and Recycling Operations

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Program. The SWMP provides staff and equipment for these operations and also to respond to community emergency response and recovery efforts such as floods, hurricanes, snow events, and other emergencies.

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 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*

**Refuse 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, are charged an annual fee for weekly refuse and recycling collection service through the semi-annual property tax collection system. In FY 2017, the annual collection rate of \$345 will remain the same as the FY 2016 Adopted Budget Plan level.

SWMP is responsible for the collection of refuse and recycling from County agencies and two institutions: 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 based on fiscal year operating expenses.

The SWMP operates 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 billed individually to each customer based on the size of the pile of refuse that is placed at the curb. Residents, who request this service from the SWMP, 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 the SWMP which contacts the property owner to compel him/her to remove the waste. If the owner refuses to remove the waste, then SWMP 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 waste removal service.

# Fund 40140

## Refuse Collection and Recycling Operations

**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 annual recycling rate in Fairfax County based on Calendar Year 2014 information is 48 percent, well above the Commonwealth of Virginia's mandated rate of 25 percent. The agency's goal is to maintain a high rate of recycling in the County.

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 2017 Adopted Budget Plan for those items.

### Budget and Staff Resources

Category	FY 2015 Actual	FY 2016 Adopted	FY 2016 Revised	FY 2017 Advertised	FY 2017 Adopted
<b>FUNDING</b>					
Expenditures:					
Personnel Services	\$10,597,554	\$11,266,261	\$11,266,261	\$11,333,845	\$11,333,845
Operating Expenses	8,717,410	9,000,000	9,209,869	9,000,000	9,000,000
Capital Equipment	1,356,272	1,040,000	1,068,304	590,000	590,000
Capital Projects	201,012	0	813,312	0	0
<b>Subtotal</b>	<b>\$20,872,248</b>	<b>\$21,306,261</b>	<b>\$22,357,746</b>	<b>\$20,923,845</b>	<b>\$20,923,845</b>
Less:					
Recovered Costs	(\$1,448,847)	(\$1,631,805)	(\$1,631,805)	(\$1,631,805)	(\$1,631,805)
<b>Total Expenditures</b>	<b>\$19,423,401</b>	<b>\$19,674,456</b>	<b>\$20,725,941</b>	<b>\$19,292,040</b>	<b>\$19,292,040</b>
<b>AUTHORIZED POSITIONS/FULL-TIME EQUIVALENT (FTE)</b>					
Regular	142 / 142	140 / 140	129 / 129	136 / 136	129 / 129
<b>Admin. of Division Operations</b>					
1 Deputy Director, DPWES					
1 PW Environmental Svcs. Manager					
1 Management Analyst III					
1 Management Analyst II					
1 Safety Analyst					
4 Administrative Assistants IV					
1 Administrative Assistant III					
1 Financial Specialist II					
<b>Operational Support</b>					
2 Asst. Refuse Superintendents					
2 PW Environmental Svcs. Specialists					
1 Administrative Assistant IV					
2 Administrative Assistants III					
3 Administrative Assistants II					
1 Welder II					
1 Welder I					
<b>Residential and General Collections</b>					
1 Solid Waste Oper. Div. Director					
1 Asst. Refuse Superintendent					
2 Equipment Repairers					
4 Lead Refuse Operators					
4 Maintenance Supervisors					
1 Management Analyst II					
1 Safety Analyst					
1 PW Environmental Svcs. Specialist					
5 Heavy Equipment Supervisors					
8 Heavy Equipment Operators					
26 Motor Equipment Operators					
4 Senior Maintenance Workers					
32 Maintenance Workers					
<b>County Agency Routes</b>					
4 Heavy Equipment Operators					
1 Engineering Technician I					
<b>Recycling Operations</b>					
1 PW Environmental Svcs. Manager					
1 PW Environmental Svcs. Specialist					
2 Management Analysts II					
1 Management Analyst I					
4 Heavy Equipment Operators					
1 Engineering Technician II					
1 Maintenance Worker					
<b>TOTAL POSITIONS</b>					
129 Positions / 129.0 FTE					

# Fund 40140

## Refuse Collection and Recycling Operations

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### FY 2017 Funding Adjustments

*The following funding adjustments from the FY 2016 Adopted Budget Plan are necessary to support the FY 2017 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 April 26, 2016.*

- ◆ **Employee Compensation** **\$279,689**  
An increase of \$279,689 in Personnel Services includes \$132,550 for a 1.33 percent market rate adjustment (MRA) for all employees and \$144,963 for performance-based and longevity increases for non-uniformed merit employees, both effective July 2016, as well as \$2,176 for employee pay increases for specific job classes identified in the County's benchmark class survey of comparator jurisdictions.
  
- ◆ **Other Post-Employment Benefits** **(\$212,105)**  
A decrease of \$212,105 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 Fund, in Volume 2 of the FY 2017 Adopted Budget Plan.
  
- ◆ **Capital Equipment** **\$590,000**  
Funding of \$590,000 is included for the replacement of Capital Equipment including \$550,000 for two rear loading packers and \$40,000 for one pick-up truck. These replacement items have all exceeded their useful life and are required to be replaced based on age, mileage, and frequency of costly repairs.

# Fund 40140

## Refuse Collection and Recycling Operations

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### **Changes to FY 2016 Adopted Budget Plan**

*The following funding adjustments reflect all approved changes in the FY 2016 Revised Budget Plan since passage of the FY 2016 Adopted Budget Plan. Included are all adjustments made as part of the FY 2015 Carryover Review, FY 2016 Third Quarter Review, and all other approved changes through April 30, 2016.*

- ◆ **Carryover Adjustments** **\$1,051,485**  
As part of the *FY 2015 Carryover Review*, the Board of Supervisors approved an increase of \$1,051,485, including encumbered carryover of \$238,173, and the carryover of unexpended capital project balances of \$813,312.

- ◆ **Position Adjustments** **\$0**  
In order to properly align staff with workload requirements, a net decrease of 11/11.0 FTE positions has occurred in Fund 40140, Refuse Collection and Recycling Operations. These positions are available for redirection primarily due to the procurement of more automated collection trucks. Of this total, 1/1.0 FTE position was transferred to Agency 26, Capital Facilities in early FY 2016 to address economic development requirements. In addition, 1/1.0 FTE position was transferred to Fund 40100, Stormwater Services, 1/1.0 FTE position was transferred to Fund 40170, I-95 Refuse Disposal, and 3/3.0 FTE positions were transferred to Agency 31, Land Development Services due to workload requirements. Subsequent to the *FY 2016 Third Quarter Review*, an additional 6/6.0 FTE positions were transferred to the Office of Capital Facilities to address project and workload growth in the Wastewater Design and Construction and Building Design and Construction areas, as well as significant growth in the number of contracts administered and the associated contractual review requirements for professional services and construction contracts. These increases were partially offset by 1/1.0 FTE Heavy Equipment Operator transferred to Fund 40140, Refuse Collection and Recycling Operations, from Fund 40150, 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).

# Fund 40140

## Refuse Collection and Recycling Operations

### FUND STATEMENT

#### Fund 40140, Refuse Collection

	FY 2015 Actual	FY 2016 Adopted Budget Plan	FY 2016 Revised Budget Plan	FY 2017 Advertised Budget Plan	FY 2017 Adopted Budget Plan
<b>Beginning Balance</b>	\$10,997,667	\$5,613,645	\$10,108,717	\$7,848,907	\$7,848,907
Revenue:					
Interest on Investments	\$12,607	\$12,013	\$12,013	\$12,013	\$12,013
Refuse Collection Fees <sup>1</sup>	15,982,852	16,118,644	16,118,644	16,118,644	16,118,644
Refuse Disposal Fees	1,145,084	1,345,000	1,345,000	1,345,000	1,345,000
Leaf Collection Fees	675,999	251,508	251,508	0	0
Sale of Assets and Recyclables	296,502	215,210	215,210	215,210	215,210
Miscellaneous Revenues	8,741	82,780	82,780	82,780	82,780
Charges for Services	265,287	320,657	320,657	320,657	320,657
Replacement Reserve Fees	554,345	540,285	540,285	540,315	540,315
State Litter Funds	128,034	128,034	128,034	128,034	128,034
<b>Total Revenue</b>	<b>\$19,069,451</b>	<b>\$19,014,131</b>	<b>\$19,014,131</b>	<b>\$18,762,653</b>	<b>\$18,762,653</b>
<b>Total Available</b>	<b>\$30,067,118</b>	<b>\$24,627,776</b>	<b>\$29,122,848</b>	<b>\$26,611,560</b>	<b>\$26,611,560</b>
Expenditures:					
Personnel Services	\$10,597,554	\$11,266,261	\$11,266,261	\$11,333,845	\$11,333,845
Operating Expenses	8,717,410	9,000,000	9,209,869	9,000,000	9,000,000
Recovered Costs <sup>2</sup>	(1,448,847)	(1,631,805)	(1,631,805)	(1,631,805)	(1,631,805)
Capital Equipment	1,356,272	1,040,000	1,068,304	590,000	590,000
Capital Projects	201,012	0	813,312	0	0
<b>Total Expenditures</b>	<b>\$19,423,401</b>	<b>\$19,674,456</b>	<b>\$20,725,941</b>	<b>\$19,292,040</b>	<b>\$19,292,040</b>
Transfers Out:					
General Fund (10001) <sup>3</sup>	\$535,000	\$548,000	\$548,000	\$548,000	\$548,000
<b>Total Transfers Out</b>	<b>\$535,000</b>	<b>\$548,000</b>	<b>\$548,000</b>	<b>\$548,000</b>	<b>\$548,000</b>
<b>Total Disbursements</b>	<b>\$19,958,401</b>	<b>\$20,222,456</b>	<b>\$21,273,941</b>	<b>\$19,840,040</b>	<b>\$19,840,040</b>
<b>Ending Balance<sup>4</sup></b>	<b>\$10,108,717</b>	<b>\$4,405,320</b>	<b>\$7,848,907</b>	<b>\$6,771,520</b>	<b>\$6,771,520</b>
Construction and Infrastructure Reserve <sup>5</sup>	\$1,348,696	\$346,696	\$346,695	\$346,695	\$346,695
Rate Stabilization Reserve <sup>6</sup>	2,390,881	1,390,881	1,390,881	1,390,881	1,390,881
Capital Equipment Reserve <sup>7</sup>	2,362,151	1,362,151	2,862,151	3,402,348	3,402,348
Operating Reserve <sup>8</sup>	3,591,965	1,305,592	3,249,180	1,631,596	1,631,596
<b>Unreserved Balance</b>	<b>\$415,024</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Levy per Household Unit <sup>1</sup>	\$345/Unit	\$345/Unit	\$345/Unit	\$345/Unit	\$345/Unit

# Fund 40140

## Refuse Collection and Recycling Operations

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<sup>1</sup> The FY 2017 levy/collection fee per household unit is set at \$345 per unit. The vast majority of these fees are collected as a separate levy included on the Real Estate Tax bill. Approximately 451 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> FY 2017 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.

<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 2017 Summary of Capital Projects

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

<b>Project</b>	<b>Total Project Estimate</b>	<b>FY 2015 Actual Expenditures</b>	<b>FY 2016 Revised Budget</b>	<b>FY 2017 Advertised Budget Plan</b>	<b>FY 2017 Adopted Budget Plan</b>
Newington Refuse Facility Enhancements (SW-000001)	\$1,718,039	\$0.00	\$664,323.51	\$0	\$0
Newington-Stormwater Upgrades (SW-000007)	350,000	201,012.00	148,988.00	0	0
<b>Total</b>	<b>\$2,068,039</b>	<b>\$201,012.00</b>	<b>\$813,311.51</b>	<b>\$0</b>	<b>\$0</b>