

PUBLIC UTILITIES

Solid Waste and Street Lighting

Description

In addition to the water and sewer services reflected in the Enterprise Fund, the Department of Public Utilities provides solid waste disposal, limited refuse collection, and street lighting services to residents of Henrico County.

Revenue from user charges supports the activities necessary to provide all Solid Waste services except curbside recycling, bulky waste services, bagged leaf collection and neighborhood cleanup activities. These programs are supported by a transfer from the General Fund. Street Lighting services are supported by a Sanitary District tax levy on real and personal property in those Sanitary Districts where street lights are installed.

The Solid Waste services provided consist of operating a transfer station, public use areas, limited curbside refuse collection and recyclables collection, neighborhood and community maintenance cleanups, Keep Henrico Beautiful program, bulky waste and bagged leaf collection, and maintaining two closed landfills. The street lighting services provided consist of accounting for the operation and maintenance of several designated street lighting districts.

Objectives

- To provide for disposal of solid waste in a manner consistent with State and Federal laws and regulations and policies of the County Board of Supervisors.
- To administer the street lighting program in sanitary Districts 2, 3, 3.1, 12 and 23 in a manner consistent with policies of the County Board of Supervisors.

Budget Highlights

Projected revenues in FY2017-18 are \$13,639,971, inclusive of a General Fund subsidy of \$3,018,511, which remains flat compared to the prior year approved budget based upon anticipated expenditures in the four General Fund supported programs administered by Solid Waste. Outside of the General Fund transfer, locally generated revenues are projected to increase \$237,000 or 2.4 percent when compared to the prior fiscal year. Revenues are sufficient to cover all operating expenditures for Solid Waste in FY2017-18. The Division's total expenditures of \$13,639,971 remain relatively flat to the FY2016-17 approved budget with an increase of \$25,688 or 0.2 percent.

Annual Fiscal Plan

Description	FY16 Actual	FY17 Original	FY18 Approved	Change 17 to 18
Personnel	\$ 3,471,928	\$ 3,806,862	\$ 3,962,231	4.1%
Operation	6,232,371	7,952,054	7,667,195	(3.6%)
Capital	833,109	1,855,367	2,010,545	8.4%
Total Solid Waste	<u>\$ 10,537,408</u>	<u>\$ 13,614,283</u>	<u>\$ 13,639,971</u>	<u>0.2%</u>
Street Lights	68,672	83,100	83,100	0.0%
Total Solid Waste/Street Lights	<u><u>\$ 10,606,080</u></u>	<u><u>\$ 13,697,383</u></u>	<u><u>\$ 13,723,071</u></u>	<u><u>0.2%</u></u>

Personnel Complement	69	69	69	0
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Solid Waste (cont'd)

Performance Measures				
	FY16	FY17	FY18	Change 17 to 18
Workload Measures				
Tons Collected by Refuse Collection	45,016	44,000	45,000	1,000
Tons Collected by Bulky Waste	518	500	500	0
Tons Collected by Neighborhood Cleanups	1,977	3,000	3,000	0
Tons Deposited in Public Use Areas	23,903	25,000	25,000	0
Number of Refuse Customers	46,586	47,000	48,000	1,000

The personnel component is budgeted at \$3,962,231 in FY2017-18, and reflects an increase of \$155,369 or 4.1 percent when compared to the FY2016-17 approved budget. The increase in the personnel component is due to a 2.5 percent salary increase for FY2017-18 as well as an increase in health care expenditures. The operating component of the budget reflects a decrease of \$284,859 or 3.6 percent which is in part due to the movement of \$155,178 into the capital outlay component to accurately reflect projected expenditures. The capital outlay component of the budget is increasing by \$155,178, or 8.4 percent. The increase to the capital component is due to the budgeting of funds for the replacement of two automated refuse collection trucks, three rear loader refuse packers, two backhoes, two refuse roll-off trucks, a 120-cubic yard refuse trailer, as well as the replacement of refuse and public use area (PUA) equipment that has reached the end of its useful life. Overall, the operating and capital components of the budget reflect a decrease of \$129,681, or 1.3 percent from the FY2016-17 approved budget.

The Solid Waste budget is captured in four distinct areas – Administration, Collection Operations, Processing and Disposal and Litter Control (Keep Henrico Beautiful). What follows is a description of each major area in the Solid Waste Budget:

Administration:

The budget for Administration is \$2,693,295 and represents an increase of \$158,702, or 6.3 percent. The bulk of the increase is attributable to the replacement of two automated refuse collection trucks, and three rear loader refuse packers all of which are part of replacement plans and are past their useful lives. The increase is also due to funding included for the replacement of two refuse roll-off trucks that haul 30 and 40 cubic yard roll-off boxes from the Springfield

and Charles City Road Public Use areas to the transfer station/landfill. These items are reflected in the capital component of the budget for Administration.

Collection Operations:

The budget for Collection Operations totals \$4,818,577, and represents an increase of \$74,059 or 1.6 percent when compared to the prior fiscal year approved budget.

Refuse Collection

The budget for the Refuse Collection area is \$3,808,598, which represents an increase of \$81,197, or 2.2 percent. Weekly refuse collection services are provided to over 46,000 households in the County by eleven refuse collection crews, operating County owned equipment.

Bulky Waste Collection

Bulky Waste Collection operates during normal business hours and will collect large items, such as furniture, appliances and yard waste, and deposit them in a solid waste disposal facility. The cost for this service is a \$43 per trip fee. The program also receives a subsidy of \$201,128 from the General Fund. The FY2017-18 budget continues to include the estimated cost to provide free bulky waste pick up for all County residents that currently participate in the Real Estate Tax Advantage Program (REAP).

Bagged Leaf Services

The budget for Bagged Leaf Services is \$128,618, which decreased from the prior fiscal year approved budget by \$17,751 or 12.1 percent. Bagged Leaf Services provides two collections in each neighborhood from November through January per a published Leaf Collection Schedule. A transfer from the General Fund fully supports the costs associated with Bagged Leaf Services.

Solid Waste (cont'd)

Community and Neighborhood Cleanup

Cleanup expenditures total \$558,099 in FY2017-18, which represents a \$27,054 or 5.1 percent increase from the prior year approved budget. There are no personnel costs budgeted for Cleanup activities, however \$296,745 is budgeted for employees from other areas of Solid Waste to perform this service. A General Fund subsidy fully supports cleanup costs.

Processing and Disposal:

The FY2017-18 budget of \$6,023,104 for Processing and Disposal represents a decrease of \$212,901 or 3.4 percent from the prior year approved budget. The Processing and Disposal budget components cover recycling, transfer station and public use area operation, and landfill post closure.

Recycling

Recycling expenditures total \$2,878,094 in FY2017-18, representing a decrease of \$188,655 or 6.2 percent. The County contracts recycling services through the Central Virginia Waste Management Authority (CVWMA). The curbside recycling program currently serves approximately 85,000 homes in the County at \$1.96 per home per month. The County also contracts with CVWMA for the collection of recyclables at 12 drop-off locations (9 fire stations, 2 public use areas, and the Shane Road Recycling Center). A General Fund subsidy of \$2,130,666 supports recycling costs.

Transfer Station

On July 1, 2014, the County began operating a transfer station at Ford's Country Lane due to the closure of the landfill. The FY2017-18 budget for this operation totals \$1,131,273. The transfer station will accept refuse from the County's Refuse Collection Service, Public Use Areas, Bulky Waste Collection, and Community/Neighborhood Cleanups.

Public Use Areas

The FY2017-18 budget for the Public Use Areas is \$1,550,995, a decrease of \$48,449, or 3.0 percent. Solid Waste operates two Public Use Areas in the County, on the western end at Ford's Country Lane, and on the eastern end at Charles City Road. The Public Use Areas are available to citizens to deposit refuse for a fee of \$3 per visit and deposit recyclables at no charge. Coupon books are available for ten visits at a cost of \$27 and for fifteen visits at a cost of \$40. The Public Use Areas are open three hundred and sixty-one days a year, closing on January 1st, July 4th, Thanksgiving Day and Christmas Day. The Public Use Areas receive approximately 25,000 tons of refuse annually.

Landfill Post Closure

Landfill Post Closure expenditures of \$457,750 in FY2017-18 represent a \$8,100 or 1.7 percent decrease from the prior year budget. Funding in this area exists for post closure care of both closed landfills located at Nine Mile Road and Springfield Rd.

Litter Control (Keep Henrico Beautiful):

The FY2017-18 budget for Litter Control is \$104,995, which is increasing by \$5,828, or 5.9 percent compared to the FY2016-17 approved budget. Solid Waste receives an annual grant from the State Litter Control Board for this program, which is budgeted at \$42,340 in FY2017-18.

General Fund Subsidies:

The General Fund subsidy of \$3,018,511 represents no change from the prior fiscal year. Included in the subsidy is \$2,130,666 for the curbside recycling program and \$887,845 for the cost of Community and Neighborhood Cleanup activities, Bagged Leaf Collection, and Bulky Waste Collection. The subsidy for Bulky Waste Collection is net of the revenue from the \$43 per trip fee. The FY2017-18 subsidy for bulky waste factors in the cost of REAP participants receiving free bulky waste pick up service. The components of the General Fund subsidies for Recycling, Community and Neighborhood Cleanups, Bagged Leaf Collections, and Bulky Waste Collection are depicted below.

	FY2016-17	FY2017-18	Percent Change
Recycling	2,130,666	2,130,666	0.0%
Bulky Waste	210,431	201,128	-4.4%
Cleanups	531,045	558,099	5.1%
Bagged Leaf	146,369	128,618	-12.1%
Total	3,018,511	3,018,511	0.0%

Street Lighting

The County provides street lighting in certain areas which are funded with supplemental tax levies to residents and businesses in those areas. The budget for FY2017-18 will maintain services levels for the current 156 street lights in District #2, 163 street lights in District #3, the 27 streetlights in District #3.1, the 27 street lights in District #23, and the 87 street lights in District #12. Projected street lighting revenues and expenditures in FY2017-18 total \$83,100, representing no change from the prior year approved budget.

Solid Waste (cont'd)

The street lighting personal property levy for each Sanitary District remains at \$0.001 for all districts and approved real property levies remain unchanged for FY2017-18 at the following rates:

Sanitary District	Approved Rate
District #2	\$0.003
District #3	\$0.010
District #3.1	\$0.031
District #23	\$0.010
District #12	\$0.010

It should be noted that the real property rates were decreased for street lighting in the FY2006-07 approved budget. Prior to that decrease, the real property tax levies had not been reduced since calendar year 1981 for all existing sanitary districts.