

Solid Waste Enterprise Fund Summary

Sources of Funding	Actual	Original	Adjusted	Budget	% Change	% Change
	FY 17	Budget FY 18	Budget FY 18	Budget FY 19	From Orig. FY 18	From Adj. FY 18
Tipping Fees	\$6,675,310	\$6,175,000	\$6,175,000	\$6,558,100	6.20%	6.20%
County Hauling	6,345	5,500	5,500	5,500	0.00%	0.00%
Interest	53,776	48,000	48,000	60,000	25.00%	25.00%
Rents and Royalties	165,019	160,000	160,000	160,000	0.00%	0.00%
Recycling	204,920	125,000	125,000	106,470	-14.82%	-14.82%
Miscellaneous	27,360	20,000	20,000	270,000	1250.00%	1250.00%
Transfer from General Fund	2,415,000	2,415,000	2,415,000	2,415,000	0.00%	0.00%
Total Sources of Funding	\$9,547,730	\$8,948,500	\$8,948,500	\$9,575,070	7.00%	7.00%

Uses of Funding	Actual	Original	Adjusted	Budget	% Change	% Change
	FY 17	Budget FY 18	Budget FY 18	Budget FY 19	From Orig. FY 18	From Adj. FY 18
Solid Waste Management	\$184,404	\$359,020	\$356,515	\$351,900	-1.98%	-1.29%
Closed Landfills	195,681	228,020	228,020	226,740	-0.56%	-0.56%
Northern Landfill	2,379,348	2,255,070	2,217,430	2,284,755	1.32%	3.04%
Recycling Operations	476,533	677,190	677,205	803,945	18.72%	18.72%
Solid Waste Accounting Administration	(225,283)	766,960	769,240	754,785	-1.59%	-1.88%
Solid Waste Transfer Station	4,617,254	3,144,300	3,144,300	3,034,300	-3.50%	-3.50%
Revenue in Excess of Expenses	1,919,793	1,517,940	1,555,790	2,118,645	39.57%	36.18%
Total Uses of Funding	\$9,547,730	\$8,948,500	\$8,948,500	\$9,575,070	7.00%	7.00%

Enterprise Fund budgets are presented based on cash expenses, depreciation is not included, and bond principal has been added. To accurately define what is happening in the budget, Revenue in Excess of Expenses is shown separately from the individual budget. This line item captures the annual amount generated by the operating revenue, net of operating cash expenditures. Revenue in Excess of Expenses is available to fund capital projects, vehicles and equipment, and contingency reserves.

Solid Waste Operating Summary

	Actual FY 17	Original Budget FY 18	Adjusted Budget FY 18	Budget FY 19	% Change From Orig. FY 18	% Change From Adj. FY 18
Solid Waste Management	\$184,404	\$359,020	\$356,515	\$351,900	-1.98%	-1.29%
Closed Landfills	195,681	228,020	228,020	226,740	-0.56%	-0.56%
Northern Landfill	2,379,348	2,255,070	2,217,430	2,284,755	1.32%	3.04%
Recycling Operations	476,533	677,190	677,205	803,945	18.72%	18.72%
Solid Waste Accounting Administration	(225,283)	766,960	769,240	754,785	-1.59%	-1.88%
Solid Waste Transfer Station	4,617,254	3,144,300	3,144,300	3,034,300	-3.50%	-3.50%
Revenue in Excess of Expenses	1,919,793	1,517,940	1,555,790	2,118,645	39.57%	36.18%
Total Solid Waste Operations	\$9,547,730	\$8,948,500	\$8,948,500	\$9,575,070	7.00%	7.00%

Mission and Goals

To provide the most cost-effective and efficient services for waste disposal, removal, and recycling for County residents and businesses.

Goals include:

- Serve the public
- Educate the public on the effects of waste management and recycling
- Monitor landfills for any environmental impact

Highlights, Changes, and Useful Information

The Bureau of Solid Waste is developing a plan that will:

- Be environmentally responsible
- Produce a long-term disposal strategy
- Ensure the fund is financially sound

The first phase of the plan is short term, between three and five years. It includes accumulating funding while developing a long-term solid waste management plan. In order to accumulate funding, there will be an increase in the percentage landfilled. Beginning in FY 17, the percentage of waste transferred and waste buried changed to approximately 60% and 40% respectively. Burying waste at Northern Landfill eliminates the costs of transferring the waste to Pennsylvania. The savings will help fund the implementation of a long-term waste management and recycling plan.

Budget Changes

- Recycling increases from FY 18 due to an increase in the per ton rate for recycling disposal.
- Solid Waste Transfer Station decreases due to reduced transfer cost per ton from FY 18.

Solid Waste Management

Description	Actual FY 17	Original Budget FY 18	Adjusted Budget FY 18	Budget FY 19	% Change From Orig. FY 18	% Change From Adj. FY 18
Personnel	\$113,257	\$115,020	\$113,010	\$116,400	1.20%	3.00%
Benefits	54,770	64,220	63,725	68,110	6.06%	6.88%
Operating	16,378	177,780	177,780	167,390	-5.84%	-5.84%
Capital	0	1,519,940	1,519,940	2,118,645	39.39%	39.39%
Total	\$184,404	\$1,876,960	\$1,874,455	\$2,470,545	31.62%	31.80%
Employees FTE	2.38	1.70	1.60	1.60	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

Contact

Jeffrey D. Castonguay, Director of Public Works
(410) 386-2248

Taylor Hockensmith, Budget Analyst (410) 386-2082
<http://ccgoverment.carr.org/ccg/solidwaste>

Mission and Goals

To provide the most cost-effective and efficient services for waste disposal and recycling for County residents and businesses.

Goals include:

- Ensure all regulatory requirements of the Environmental Protection Agency and the Maryland Department of the Environment are met
- Maximize the compaction rate of all materials disposed of in Northern Landfill while minimizing the cost and volume of air space consumed by daily cover requirements
- Monitor landfills for any environmental impacts and minimize liability

Description

Solid Waste Management is responsible for:

- Carroll County's only full-time operational landfill (Northern)
- Monitoring of the four closed landfills: Bark Hill, Hodges, John Owings, and Hoods Mill
- Recycling Operations
- Yard waste/mulch program, contracted to Harvest Green
- Maintaining and updating the Ten-Year Solid Waste Management Plan
- Contracting for the transfer of waste and recycling materials

Program Highlights

The Bureau of Solid Waste is developing a plan that will:

- Be environmentally responsible
- Produce a long-term disposal strategy
- Ensure the fund is financially sound

The first phase of the plan is short term, between three and five years. It includes accumulating funding while developing a long-term solid waste management plan. In order to accumulate funding, the percentage of waste landfilled and transferred has changed. Beginning in FY 17, the percentage of waste transferred and waste buried will be approximately 60% and 40% respectively. Burying waste at Northern Landfill will eliminate the costs of transferring waste to Pennsylvania. The savings will be accumulated to help fund the implementation of the long-term waste management plan being developed.

Budget Changes

- The decrease from the FY 18 Original to Adjusted is due to personnel allocation changes.
- A 3.0% salary increase is included in FY 19.
- Operating decreases due to the completion of Phase I of the FuTuRe Program and replacement electronic purchases in FY 18.
- Capital increases due to Revenue in Excess of Expenses.

Closed Landfills

Description	Actual FY 17	Original Budget FY 18	Adjusted Budget FY 18	Budget FY 19	% Change From Orig. FY 18	% Change From Adj. FY 18
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	195,681	218,020	218,020	221,740	1.71%	1.71%
Capital	0	10,000	10,000	5,000	-50.00%	-50.00%
Total	\$195,681	\$228,020	\$228,020	\$226,740	-0.56%	-0.56%
Employees FTE	0.00	0.00	0.00	0.00	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

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(410) 386-2248

Taylor Hockensmith, Budget Analyst (410) 386-2082

Mission

To ensure all regulatory requirements of the Environmental Protection Agency and Maryland Department of the Environment are met.

Description

The funds in this budget support four closed landfills in the County:

- Hoods Mill Landfill
- Bark Hill landfill
- Hodges Landfill
- John Owings Landfill

Federal law requires that the County monitor landfills for 30 years after closure. Groundwater monitoring and methane gas sampling are the main expenses associated with the closed landfills. Bark Hill and Hoods Mill landfills still produce leachate that must be hauled to a wastewater facility for treatment. Leachate is a liquid produced when rainwater and other moisture travel through the waste.

Program Highlights

Hoods Mill Landfill operates as a convenience drop-off site, and is open the first and third Saturday each month.

Budget Changes

Capital decreases due to one-time site improvements in FY 18.

Northern Landfill

Description	Actual FY 17	Original Budget FY 18	Adjusted Budget FY 18	Budget FY 19	% Change From Orig. FY 18	% Change From Adj. FY 18
Personnel	\$553,892	\$567,110	\$532,140	\$548,115	-3.35%	3.00%
Benefits	329,085	349,310	346,640	396,075	13.39%	14.26%
Operating	766,768	974,490	974,490	890,965	-8.57%	-8.57%
Capital	729,602	364,160	364,160	449,600	23.46%	23.46%
Total	\$2,379,348	\$2,255,070	\$2,217,430	\$2,284,755	1.32%	3.04%
Employees FTE	11.00	11.00	11.00	11.00	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

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Jeffrey D. Castonguay, Director of Public Works

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Taylor Hockensmith, Budget Analyst (410) 386-2082

<http://ccggovernment.carr.org/ccg/recycle/docs/northern.pdf>

Mission

To ensure adequate space for landfilling non-transferable waste by conserving existing air space and planning for landfill cell expansion when needed.

Description

Northern Landfill is the County's only operational landfill and waste transfer station. Facilities are provided for:

- Waste disposal
- Recycling
- Acceptance of yard waste
- Waste oil and antifreeze drop-off
- Scrap tire collection
- Goodwill collection site
- Scrap metal and appliances
- Vinyl siding recycling
- Electronic recycling

Beginning in FY 17, the percentage of waste transferred and waste buried changed to approximately 60% and 40% respectively. Burying waste at Northern Landfill eliminates the costs of transferring the waste to Pennsylvania. The savings will help fund the implementation of a long-term waste management and recycling plan.

Budget Changes

- The decrease from FY 18 Original to Adjusted is due to employee turnover.
- A 3.0% salary increase is included in FY 19.
- Operating decreases due to a reduction in leachate.
- Capital increases to replace aging equipment.

Recycling Operations

Description	Actual FY 17	Original Budget FY 18	Adjusted Budget FY 18	Budget FY 19	% Change From Orig. FY 18	% Change From Adj. FY 18
Personnel	\$56,612	\$58,080	\$58,095	\$59,840	3.03%	3.00%
Benefits	31,121	33,780	33,780	35,450	4.94%	4.94%
Operating	378,689	569,830	569,830	699,655	22.78%	22.78%
Capital	10,111	15,500	15,500	9,000	-41.94%	-41.94%
Total	\$476,533	\$677,190	\$677,205	\$803,945	18.72%	18.72%
Employees FTE	1.00	1.00	1.00	1.00	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

Contact

Jeffrey D. Castonguay, Director of Public Works
(410) 386-2248

Taylor Hockensmith, Budget Analyst (410) 386-2082
<http://ccgoverment.carr.org/ccg/recycle/>

The services at the recycling center are provided through a contract with The Arc Carroll County. Scrap metal, batteries, and electronics are collected at Northern Landfill and disposal is managed by contractors. Yard trimmings are managed through a private contractor.

Mission and Goals

To promote an integrated Solid Waste Management Program that includes: waste prevention, reuse, recycling, and minimal waste disposal by providing residents and businesses with information, training, and outreach in order to benefit the environment by saving natural resources, energy, and landfill space, and by preventing pollution.

Budget Changes

- A 3.0% salary increase is included in FY 19.
- Operating increases due to the cost of single stream recycling.
- Capital decreases due to the one-time purchase of a communication radio in FY 18.

Goals include:

- Exceed the State of Maryland's mandate of 35% of total waste material received
- Educate County residents and businesses on proper waste management practices including:
 - Waste prevention
 - Reuse
 - Recycling
 - Minimal disposal

Description

The County offers voluntary recycling opportunities for all residents and businesses. Licensed haulers are required to offer all of their customers a curbside recycling service. A full-service recycling center is located at the Northern Landfill. The items the County accepts for recycling include:

- Single stream
- Paper and cardboard
- Plastics and rigid plastics
- Textiles
- Electronics
- Aluminum
- White goods/scrap metal
- Yard trimmings
- Styrofoam
- Kitchen frying oil
- Motor oil/antifreeze

Solid Waste Accounting Administration

Description	Actual FY 17	Original Budget FY 18	Adjusted Budget FY 18	Budget FY 19	% Change From Orig. FY 18	% Change From Adj. FY 18
Personnel	\$184,706	\$191,260	\$193,380	\$199,070	4.08%	2.94%
Benefits	161,317	169,640	169,800	191,870	13.10%	13.00%
Operating	(575,240)	405,460	405,460	362,845	-10.51%	-10.51%
Capital	3,934	600	600	1,000	66.67%	66.67%
Total	(225,283)	\$766,960	\$769,240	\$754,785	-1.59%	-1.88%
Employees FTE	5.75	5.75	5.75	5.75	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

Contact

Michael Ensor, Accounting Supervisor (410) 386-2008

Taylor Hockensmith, Budget Analyst (410) 386-2082

<http://ccgovernment.carr.org/ccg/solidwaste>

Mission and Goals

To provide accounting tasks and system support for the Solid Waste Enterprise Fund and to provide customer service to all users of the landfill.

Description

This budget reflects the cost of accounting and weighmaster operations at Northern Landfill. The responsibilities include:

- Determining the type of waste being brought into the landfill
- Determining eligibility of the waste being brought in (generally only waste generated in Carroll County is accepted)
- Collecting landfill fees
- Keeping records of billing, and of what type of waste is brought in by haulers

Budget Changes

- The increase from FY 18 Original to Adjusted is due to employee turnover.
- A 3.0% salary increase is included in FY 19.
- Benefits increase due to health benefits.
- Operating decreases due to post-closure liability and debt service.

Solid Waste Transfer Station

Description	Actual FY 17	Original Budget FY 18	Adjusted Budget FY 18	Budget FY 19	% Change From Orig. FY 18	% Change From Adj. FY 18
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	4,617,254	3,144,300	3,144,300	3,034,300	-3.50%	-3.50%
Capital	0	0	0	0	0.00%	0.00%
Total	\$4,617,254	\$3,144,300	\$3,144,300	\$3,034,300	-3.50%	-3.50%
Employees FTE	0.00	0.00	0.00	0.00	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

Contact

Jeffrey D. Castonguay, Director of Public Works

(410) 386-2248

Taylor Hockensmith, Budget Analyst (410) 386-2082

Mission

To ensure facilities and resources are in place to manage approximately 90,000 tons per year of solid waste with an out-of-County transfer/disposal operation.

Description

The transfer station became operational on December 1, 1998. It allows the County to accept solid waste from residents and businesses and to transport the waste to a landfill in Pennsylvania for disposal.

Beginning in FY 17, the percentage of waste transferred and waste buried changed to approximately 60% and 40% respectively. Burying waste at Northern Landfill eliminates the costs of transferring the waste to Pennsylvania. The savings will help fund the implementation of a long-term waste management and recycling plan.

Budget Changes

Operating decreases due to a reduction in the transfer cost.