

Solid Waste Enterprise Fund Operating Summary

Sources of Funding	Actual	Original	Adjusted	Budget	% Change	% Change
	FY 18	Budget FY 19	Budget FY 19		FY 20	From Orig. FY 19
Tipping Fees	\$6,605,481	\$6,558,100	\$6,558,100	\$6,711,700	2.34%	2.34%
County Hauling	6,075	5,500	5,500	5,500	0.00%	0.00%
Interest	84,316	60,000	60,000	150,000	150.00%	150.00%
Rents and Royalties	159,998	160,000	160,000	175,600	9.75%	9.75%
Recycling	238,911	106,470	106,470	160,000	50.28%	50.28%
Miscellaneous	11,050	270,000	270,000	7,500	-97.22%	-97.22%
Transfer from General Fund	2,415,000	2,415,000	2,415,000	615,000	-74.53%	-74.53%
Transfer from Fund Balance	0	0	0	399,470	100.00%	100.00%
Total Sources of Funding	\$9,520,831	\$9,575,070	\$9,575,070	\$8,224,770	-14.10%	-14.10%

Uses of Funding	Actual	Original	Adjusted	Budget	% Change	% Change
	FY 18	Budget FY 19	Budget FY 19		FY 20	From Orig. FY 19
Solid Waste Management	\$346,457	\$341,815	\$362,590	\$367,550	7.53%	1.37%
Closed Landfills	196,913	226,740	226,740	229,480	1.21%	1.21%
Northern Landfill	2,929,290	2,294,840	2,298,015	2,228,060	-2.91%	-3.04%
Recycling Operations	854,146	803,945	804,260	1,228,590	52.82%	52.76%
Solid Waste Accounting Administration	(1,039,345)	754,785	760,125	860,790	14.04%	13.24%
Solid Waste Transfer Station	3,809,664	3,034,300	3,034,300	3,310,300	9.10%	9.10%
Revenue in Excess of Expenses	2,423,706	2,118,645	2,089,040	0	-100.00%	-100.00%
Total Uses of Funding	\$9,520,831	\$9,575,070	\$9,575,070	\$8,224,770	-14.10%	-14.10%

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 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Solid Waste Management	\$346,457	\$341,815	\$362,590	\$367,550	7.53%	1.37%
Closed Landfills	196,913	226,740	226,740	229,480	1.21%	1.21%
Northern Landfill	2,929,290	2,294,840	2,298,015	2,228,060	-2.91%	-3.04%
Recycling Operations	854,146	803,945	804,260	1,228,590	52.82%	52.76%
Solid Waste Accounting Administration	(1,039,345)	754,785	760,125	860,790	14.04%	13.24%
Solid Waste Transfer Station	3,809,664	3,034,300	3,034,300	3,310,300	9.10%	9.10%
Revenue in Excess of Expenses	2,423,706	2,118,645	2,089,040	0	-100.00%	-100.00%
Total Solid Waste Operations	\$9,520,831	\$9,575,070	\$9,575,070	\$8,224,770	-14.10%	-14.10%

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 in the process of developing a long-term waste management strategy that will be environmentally responsible and fiscally balanced. The first phase of the plan, from FY 17 to FY 20, is to divert a portion of transferred tons into the County's landfill in order to accumulate funds for the long-term plan. However, several factors have negated the ability to accumulate funds. There has been a significant price escalation in the recycling market and disposal costs for leachate have increased dramatically due to unusual weather events. The Board of County Commissioners also temporarily decreased the amount of General Fund dollars transferred to the Solid Waste Enterprise Fund.

Budget Changes

- Northern Landfill decreases due to replacement equipment purchases in FY 19.
- Recycling increases due to a rise in the per ton rate for recycling disposal.
- Solid Waste Accounting Administration increases due to a weigh station software upgrade.
- Solid Waste Transfer Station increases due to additional tonnage transferred, and an increase to the transfer cost per ton.

Solid Waste Management

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$111,191	\$116,400	\$126,330	\$130,120	11.79%	3.00%
Benefits	65,015	68,110	68,870	71,980	5.68%	4.52%
Operating	170,251	167,390	167,390	165,450	-1.16%	-1.16%
Capital	0	2,108,560	2,089,040	0	-100.00%	-100.00%
Total	\$346,457	\$2,460,460	\$2,451,630	\$367,550	-85.06%	-85.01%
Employees FTE	1.60	1.60	1.68	1.68	-----	-----

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

Contact

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<https://www.carrollcountymd.gov/government/directory/public-works/solid-waste/>

Mission and Goals

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

Goals include:

- Meet all regulatory requirements of the Environmental Protection Agency and the Maryland Department of the Environment
- 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
- 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 in the process of developing a long-term waste management strategy that will be environmentally responsible and fiscally balanced. The first phase of the plan, from FY 17 to FY 20, is to divert a portion of transferred tons into the County's landfill in order to accumulate funds for the long-term plan. However, several factors have negated the ability to accumulate funds. There has been a significant price escalation in the recycling market and disposal costs for leachate have increased dramatically due to unusual weather events. The Board of County Commissioners also temporarily decreased the amount of General Fund dollars transferred to the Solid Waste Enterprise Fund.

Budget Changes

- A 3% salary increase is included in FY 20.
- Operating decreases due to the completion of the FY 19 Pay-As-You-Throw pilot program.
- FY 19 Capital reflects the planned amount of Revenue in Excess of Expenditures. Due to unforeseen market conditions, the County does not expect to have Revenue in Excess of Expenditures in FY 20.

Closed Landfills

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	196,913	221,740	221,740	224,480	1.24%	1.24%
Capital	0	5,000	5,000	5,000	0.00%	0.00%
Total	\$196,913	\$226,740	\$226,740	\$229,480	1.21%	1.21%
Employees FTE	0.00	0.00	0.00	0.00	-----	-----

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

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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.

Northern Landfill

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$569,834	\$557,485	\$560,425	\$578,460	3.76%	3.22%
Benefits	357,354	396,790	397,025	415,070	4.61%	4.55%
Operating	1,025,670	890,965	890,965	874,930	-1.80%	-1.80%
Capital	976,432	449,600	449,600	359,600	-20.02%	-20.02%
Total	\$2,929,290	\$2,294,840	\$2,298,015	\$2,228,060	-2.91%	-3.04%
Employees FTE	11.00	11.00	11.00	11.00	-----	-----

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

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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 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 increase from FY 19 Original to Adjusted is due to employee turnover and salary adjustments.
- A 3% salary increase is included in FY 20.
- Operating decreases due to one-time paving in FY 19.
- Capital decreases due to equipment replacement in FY 19.

Recycling Operations

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$58,108	\$59,840	\$60,130	\$61,940	3.51%	3.01%
Benefits	34,347	35,450	35,475	37,290	5.19%	5.12%
Operating	749,992	699,655	699,655	1,118,360	59.84%	59.84%
Capital	11,699	9,000	9,000	11,000	22.22%	22.22%
Total	\$854,146	\$803,945	\$804,260	\$1,228,590	52.82%	52.76%
Employees FTE	1.00	1.00	1.00	1.00	-----	-----

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

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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% salary increase is included in FY 20.
- Operating increases due to the cost of single stream recycling increasing from \$36 per ton in FY 19 to \$46 per ton in FY 20.
- Capital increases due to equipment replacement.

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. 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 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$186,259	\$199,070	\$204,030	\$210,450	5.72%	3.15%
Benefits	175,208	191,870	192,250	232,085	20.96%	20.72%
Operating	(1,442,149)	362,845	362,845	412,255	13.62%	13.62%
Capital	41,337	1,000	1,000	6,000	500.00%	500.00%
Total	(1,039,345)	\$754,785	\$760,125	\$860,790	14.04%	13.24%
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

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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 19 Original to Adjusted is due to salary adjustments.
- Personnel increases due to a 3% salary adjustment and increased overtime costs.
- Operating increases due to post-closure liability associated with an increase in tons landfilled.
- Capital increases due to one-time computer replacement.

Solid Waste Transfer Station

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	3,809,664	3,034,300	3,034,300	3,310,300	9.10%	9.10%
Capital	0	0	0	0	0.00%	0.00%
Total	\$3,809,664	\$3,034,300	\$3,034,300	\$3,310,300	9.10%	9.10%
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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Mission

To ensure facilities and resources are in place to manage approximately 100,000 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.

The Bureau of Solid Waste is in the process of developing a long-term waste management strategy that will be environmentally responsible and fiscally balanced. The first phase of the plan, from FY 17 to FY 20, is to divert a portion of transferred tons into the County's landfill in order to accumulate funds for the long-term plan.

Budget Changes

Solid Waste Transfer Station increases due to additional tonnage transferred, and an increase to the transfer cost per ton.