

Solid Waste Enterprise Fund Summary

Sources of Funding	Actual	Original	Adjusted	Budget	% Change	% Change
	FY 16	Budget FY 17	Budget FY 17	FY 18	From Orig. FY 17	From Adj. FY 17
Tipping Fees	\$6,197,502	\$6,080,000	\$6,080,000	\$6,175,000	1.56%	1.56%
County Hauling	3,510	2,300	2,300	5,500	139.13%	139.13%
Interest	25,133	10,000	10,000	48,000	380.00%	380.00%
Rents and Royalties	180,075	160,000	160,000	160,000	0.00%	0.00%
Recycling	170,754	120,000	120,000	125,000	4.17%	4.17%
Miscellaneous	23,962	20,000	20,000	20,000	0.00%	0.00%
Transfer from General Fund	2,415,000	2,415,000	2,415,000	2,415,000	0.00%	0.00%
Total Sources of Funding	\$9,015,936	\$8,807,300	\$8,807,300	\$8,948,500	1.60%	1.60%

Uses of Funding	Actual	Original	Adjusted	Budget	% Change	% Change
	FY 16	Budget FY 17	Budget FY 17	FY 18	From Orig. FY 17	From Adj. FY 17
Solid Waste Management	\$187,606	\$206,340	\$205,720	\$359,020	73.99%	74.52%
Closed Landfills	175,328	235,830	235,830	228,020	-3.31%	-3.31%
Northern Landfill	2,016,510	2,719,370	2,736,270	2,255,070	-17.07%	-17.59%
Recycling Operations	777,394	796,710	796,690	677,190	-15.00%	-15.00%
Solid Waste Accounting Administration	1,113,512	1,061,360	1,052,300	766,960	-27.74%	-27.12%
Solid Waste Transfer Station	5,354,508	3,144,300	3,144,300	3,144,300	0.00%	0.00%
Revenue in Excess of Expenses	0	643,390	638,990	1,517,940	135.93%	137.55%
Total Uses of Funding	\$9,624,858	\$8,807,300	\$8,810,100	\$8,948,500	1.60%	1.57%

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 16	Original Budget FY 17	Adjusted Budget FY 17	Budget FY 18	% Change From Orig. FY 17	% Change From Adj. FY 17
Solid Waste Management	\$187,606	\$206,340	\$205,720	\$359,020	73.99%	74.52%
Closed Landfills	175,328	235,830	235,830	228,020	-3.31%	-3.31%
Northern Landfill	2,016,510	2,719,370	2,736,270	2,255,070	-17.07%	-17.59%
Recycling Operations	777,394	796,710	796,690	677,190	-15.00%	-15.00%
Solid Waste Accounting Administration	1,113,512	1,061,360	1,052,300	766,960	-27.74%	-27.12%
Solid Waste Transfer Station	5,354,508	3,144,300	3,144,300	3,144,300	0.00%	0.00%
Revenue in Excess of Expenses	0	643,390	638,990	1,517,940	135.93%	137.55%
Total Solid Waste Operations	\$9,624,858	\$8,807,300	\$8,810,100	\$8,948,500	1.60%	1.57%

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

- Solid Waste Management increases due to the Northeast Maryland Waste Disposal Authority (NMWDA) membership dues. For the past several years, the fee was paid by funds set aside by the NMWDA for Carroll County. Those funds have been expended, and going forward, the County will pay the full membership dues.
- Closed Landfills decreases due to decreased testing fees.
- Northern Landfill decreases due to a reduced estimate for the amount of leachate being transferred and less equipment purchases in FY 18.
- Recycling decreases due to a projected decrease in the per ton rate for recycling disposal.
- Solid Waste Accounting decreases due to post-closure liability and debt service.

Solid Waste Management

Description	Actual FY 16	Original Budget FY 17	Adjusted Budget FY 17	Budget FY 18	% Change From Orig. FY 17	% Change From Adj. FY 17
Personnel	\$112,690	\$112,930	\$111,660	\$115,020	1.85%	3.01%
Benefits	74,382	59,820	60,470	64,220	7.36%	6.20%
Operating	534	33,590	33,590	177,780	429.26%	429.26%
Capital	0	0	0	2,000	100.00%	100.00%
Total	\$187,606	\$206,340	\$205,720	\$359,020	73.99%	74.52%
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.

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<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 17 Original to Adjusted is due to personnel allocation changes.
- A 3.0% salary increase is included in FY 18.
- Operating increases due to the Northeast Maryland Waste Disposal Authority (NMWDA) membership dues. For the past several years the fee was paid by funds set aside by the NMWDA for Carroll County. Those funds have been expended, and going forward, the County will pay the full membership dues.

Closed Landfills

Description	Actual FY 16	Original Budget FY 17	Adjusted Budget FY 17	Budget FY 18	% Change From Orig. FY 17	% Change From Adj. FY 17
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	167,505	225,830	225,830	218,020	-3.46%	-3.46%
Capital	7,823	10,000	10,000	10,000	0.00%	0.00%
Total	\$175,328	\$235,830	\$235,830	\$228,020	-3.31%	-3.31%
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 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

Operating decreases based on estimates of landfill gas and groundwater monitoring fees.

Northern Landfill

Description	Actual FY 16	Original Budget FY 17	Adjusted Budget FY 17	Budget FY 18	% Change From Orig. FY 17	% Change From Adj. FY 17
Personnel	\$545,524	\$542,860	\$551,520	\$567,110	4.47%	2.83%
Benefits	345,898	347,620	355,860	349,310	0.49%	-1.84%
Operating	1,116,250	1,091,390	1,091,390	974,490	-10.71%	-10.71%
Capital	8,838	737,500	737,500	364,160	-50.62%	-50.62%
Total	\$2,016,510	\$2,719,370	\$2,736,270	\$2,255,070	-17.07%	-17.59%
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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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 increase from FY 17 Original to Adjusted is due to employee turnover.
- A 3.0% salary increase is included in FY 18.
- Operating decreases due to a reduced estimate of the amount of leachate being transferred.
- Capital decreases due to a one-time compactor purchase in FY 17.

Recycling Operations

Description	Actual FY 16	Original Budget FY 17	Adjusted Budget FY 17	Budget FY 18	% Change From Orig. FY 17	% Change From Adj. FY 17
Personnel	\$55,182	\$56,410	\$56,390	\$58,080	2.96%	3.00%
Benefits	30,935	32,810	32,810	33,780	2.96%	2.96%
Operating	689,084	698,490	698,490	569,830	-18.42%	-18.42%
Capital	2,192	9,000	9,000	15,500	72.22%	72.22%
Total	\$777,394	\$796,710	\$796,690	\$677,190	-15.00%	-15.00%
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.

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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 trim is 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.

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

Budget Changes

- A 3.0% salary increase is included in FY 18.
- Operating decreases due to reduced costs of single stream recycling.
- Capital increases due to a communication radio for the recycling center area.

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
- Grocery and empty clear food bags
- Textiles
- Electronics
- Aluminum
- White goods/scrap metal
- Yard trimmings
- Styrofoam
- Kitchen frying oil
- Motor oil/antifreeze

Solid Waste Accounting Administration

Description	Actual FY 16	Original Budget FY 17	Adjusted Budget FY 17	Budget FY 18	% Change From Orig. FY 17	% Change From Adj. FY 17
Personnel	\$208,929	\$198,610	\$185,790	\$191,260	-3.70%	2.94%
Benefits	149,520	155,740	159,500	169,640	8.93%	6.36%
Operating	358,826	706,410	706,410	405,460	-42.60%	-42.60%
Capital	396,237	600	600	600	0.00%	0.00%
Total	\$1,113,512	\$1,061,360	\$1,052,300	\$766,960	-27.74%	-27.12%
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 decrease from FY 17 Original to Adjusted is due to employee turnover.
- A 3.0% salary increase is included in FY 17.
- Operating decreases due to post-closure liability and debt services.

Solid Waste Transfer Station

Description	Actual FY 16	Original Budget FY 17	Adjusted Budget FY 17	Budget FY 18	% Change From Orig. FY 17	% Change From Adj. FY 17
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	5,354,508	3,144,300	3,144,300	3,144,300	0.00%	0.00%
Capital	0	0	0	0	0.00%	0.00%
Total	\$5,354,508	\$3,144,300	\$3,144,300	\$3,144,300	0.00%	0.00%
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 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

No change in tonnage or price of transfer is expected.

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2018 TO 2023

	2018	2019	2020	2021	2022	2023	Prior Allocation	Balance to Complete	Total Project Cost
SOLID WASTE ENTERPRISE:									
Alternate Waste Drop-Off Area	\$0	\$0	\$62,000	\$570,000	\$0	\$0	\$0	\$0	\$632,000
SOLID WASTE ENTERPRISE TOTAL	\$0	\$0	\$62,000	\$570,000	\$0	\$0	\$0	\$0	\$632,000
SOURCES OF FUNDING:									
Enterprise Fund - Solid Waste	\$0	\$0	\$62,000	\$570,000	\$0	\$0	\$0	\$0	\$632,000
SOLID WASTE ENTERPRISE TOTAL	\$0	\$0	\$62,000	\$570,000	\$0	\$0	\$0	\$0	\$632,000