

Solid Waste Enterprise Fund Summary

| Sources of Funding | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|---------------------------------|--------------------|-----------------------------|-----------------------------|--------------------|---------------------------------|--------------------------------|
| Tipping Fees | \$5,853,099 | \$5,852,600 | \$5,852,600 | \$5,990,320 | 2.35% | 2.35% |
| County Hauling | 4,725 | 6,600 | 6,600 | 5,000 | -24.24% | -24.24% |
| Interest | 19,337 | 22,630 | 22,630 | 12,000 | -46.97% | -46.97% |
| Rents and Royalties | 177,457 | 177,460 | 177,460 | 177,460 | 0.00% | 0.00% |
| Recycling | 546,110 | 300,000 | 300,000 | 200,000 | -33.33% | -33.33% |
| Miscellaneous | 90,583 | 10,000 | 10,000 | 160,000 | 1500.00% | 1500.00% |
| Transfer from General Fund | 1,115,000 | 415,000 | 415,000 | 2,415,000 | 481.93% | 481.93% |
| Transfer from Fund Balance | 0 | 2,370,790 | 2,370,790 | 460,020 | -80.60% | -80.60% |
| Total Sources of Funding | \$7,806,311 | \$9,155,080 | \$9,155,080 | \$9,419,800 | 2.89% | 2.89% |

| Uses of Funding | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|-----------------------------------|--------------------|-----------------------------|-----------------------------|--------------------|---------------------------------|--------------------------------|
| Solid Waste Management | \$459,037 | \$419,170 | \$389,330 | \$251,000 | -40.12% | -35.53% |
| Closed Landfills | 146,254 | 444,600 | 444,600 | 388,470 | -12.62% | -12.62% |
| Northern Landfill | 1,839,760 | 2,082,270 | 2,082,340 | 2,552,720 | 22.59% | 22.59% |
| Recycling Operations | 275,526 | 329,370 | 329,630 | 328,990 | -0.12% | -0.19% |
| Solid Waste Accounting | (1,369,472) | 984,070 | 984,030 | 1,031,820 | 4.85% | 4.86% |
| Solid Waste Transfer Station | 4,384,739 | 4,895,600 | 4,895,600 | 4,866,800 | -0.59% | -0.59% |
| Revenue in Excess of Expenditures | 2,070,467 | 0 | 29,550 | 0 | 0.00% | 0.00% |
| Total Uses of Funding | \$7,806,311 | \$9,155,080 | \$9,155,080 | \$9,419,800 | 2.89% | 2.89% |

In FY 14, the County changed how it presents Enterprise Fund budgets. These budgets are now presented based on cash expenditures, depreciation is not included and bond principal has been added. To more accurately define what is happening in the budget, the Contingency line item has been changed to Revenue in Excess of Expenditures and 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 Expenditures is available to fund capital projects, vehicles and equipment, and contingency reserves.

Solid Waste Enterprise Fund Summary

| | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|-----------------------------------|--------------------|-----------------------------|-----------------------------|--------------------|---------------------------------|--------------------------------|
| Solid Waste Management | \$459,037 | \$419,170 | \$389,330 | \$251,000 | -40.12% | -35.53% |
| Closed Landfills | 146,254 | 444,600 | 444,600 | 388,470 | -12.62% | -12.62% |
| Northern Landfill | 1,839,760 | 2,082,270 | 2,082,340 | 2,552,720 | 22.59% | 22.59% |
| Recycling Operations | 275,526 | 329,370 | 329,630 | 328,990 | -0.12% | -0.19% |
| Solid Waste Accounting | (1,369,472) | 984,070 | 984,030 | 1,031,820 | 4.85% | 4.86% |
| Solid Waste Transfer Station | 4,384,739 | 4,895,600 | 4,895,600 | 4,866,800 | -0.59% | -0.59% |
| Revenue in Excess of Expenditures | 2,070,467 | 0 | 29,550 | 0 | 0.00% | 0.00% |
| Total Solid Waste | \$7,806,311 | \$9,155,080 | \$9,155,080 | \$9,419,800 | 2.89% | 2.89% |

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

- In calendar year 2014, the landfill received 97,368 tons of waste. Approximately 78,842 tons, or 81%, were transferred to out-of-County landfills for disposal.
- In calendar year 2013, based on the most recent Maryland Department of the Environment's Recycling Report, the County achieved a 38.96% recycling rate and a 5.0% source reduction credit for a total recycling rate of 43.96%. This is greater than the State's current requirement and the future requirement of 35% that will become effective December 2015.
- Solid Waste Accounting has a negative balance in FY 14 due to an adjusted amount owed to Wheelabrator for expenses incurred during the design and permitting of a waste to energy facility.
- In calendar year 2014:
 - 18,200 tons of rubble, sludge and municipal solid waste were landfilled in Cell #3.
 - 1,020 tons of scrap tires were collected and disposed.

Budget Changes

- Solid Waste Management decreases primarily due to an agreement reached with the Northeast Maryland Waste Disposal Authority related to the waste-to-energy-project that included the Authority paying the County's membership fee in FY 16.
- Closed Landfills decreases due to updates to monitoring plans budget in FY 15.
- Northern Landfill increases due to leachate disposal, a security camera system and the purchase of a grinder used to process yard waste.
- Recycling decreases due to reduced building maintenance, partially offset with an increase in electricity.
- Transfer Station decreases due to a decrease in municipal solid waste tonnage projection, partially offset by additional charges to transfer sludge.

Solid Waste Management

| Description | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|---------------|------------------|-----------------------------|-----------------------------|------------------|---------------------------------|--------------------------------|
| Personnel | \$146,502 | \$157,510 | \$129,790 | \$133,040 | -15.54% | 2.50% |
| Benefits | 60,912 | 79,760 | 77,640 | 60,935 | -23.60% | -21.52% |
| Operating | 251,623 | 181,900 | 181,900 | 57,025 | -68.65% | -68.65% |
| Capital | 0 | 0 | 0 | 0 | 0.00% | 0.00% |
| Total | \$459,037 | \$419,170 | \$389,330 | \$251,000 | -40.12% | -35.53% |
| Employees FTE | 2.38 | 2.38 | 2.38 | 2.38 | ----- | ----- |

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

Contact

Dusty Hilbert, Bureau Chief (410) 386-2035
 Sheree Lima, Management and Budget Project Coordinator
 (410) 386-2082
<http://ccgovernment.carr.org/ccg/solidwaste>

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:

- Educate the public on the effects of waste management and recycling
- Keep the County staff informed of operations
- Monitor landfills for any environmental impacts and minimize liability

Description

Solid Waste Management Supervision 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 transfer of waste and recycling materials

Program Highlights

- Continue an effective transfer operation to dispose of most County waste in Pennsylvania landfills at a projected cost of \$57.31 per ton for municipal solid waste and \$75.43 for sludge in FY 16.
- In calendar year 2014, the landfill received 97,368 tons of waste. 78,842 tons, or approximately 81%, were transferred to out-of-County landfills for disposal.
- In calendar year 2013, the County achieved a 38.96% recycling rate and a 5.0% source reduction credit for a total recycling rate of 43.96%. This is higher than the State's current requirement and future requirement of 35% that will become effective December 2015.

Budget Changes

- The decrease from the FY 15 Original to Adjusted is due to employee turnover.
- A 2.5% salary increase is included in FY 16.
- Benefits decrease due to pension, OPEB and healthcare allocations.
- Operating decreases due to an agreement reached with the Northeast Maryland Waste Disposal Authority related to the waste-to-energy-project that included the Authority paying the County's membership fee in FY 16.

Positions

| Title | Type | FTE |
|--|-----------|-------------|
| <i>Administrative Office Associate</i> | Full-time | 0.75 |
| <i>Bureau Chief, Solid Waste</i> | Full-time | 1.00 |
| <i>Deputy Director, Public Works</i> | Full-time | 0.25 |
| <i>Director, Public Works</i> | Full-time | 0.05 |
| <i>Project Specialist</i> | Full-time | 0.33 |
| Total | | 2.38 |

85% of the Director's salary is charged to the General Fund, 5% to Utilities Enterprise Fund and 5% to the Airport Enterprise Fund. 75% of the Deputy Director is charged to the General Fund. 33% of the Project Specialist is charged to Utilities Enterprise Fund and 34% to the General Fund. 25% of the Administrative Office Associate is charged to the General Fund.

Closed Landfills

| Description | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|---------------|------------------|-----------------------------|-----------------------------|------------------|---------------------------------|--------------------------------|
| Personnel | \$0 | \$0 | \$0 | \$0 | 0.00% | 0.00% |
| Benefits | 0 | 0 | 0 | 0 | 0.00% | 0.00% |
| Operating | 140,289 | 299,600 | 299,600 | 228,470 | -23.74% | -23.74% |
| Capital | 5,965 | 145,000 | 145,000 | 160,000 | 10.34% | 10.34% |
| Total | \$146,254 | \$444,600 | \$444,600 | \$388,470 | -12.62% | -12.62% |
| 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

Dusty Hilbert, Bureau Chief (410) 386-2035
Sheree Lima, Management and Budget Project Coordinator
(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 two Saturdays a month.

Budget Changes

- Operating decreases due to updates to monitoring plans at all four facilities in FY 15.
- Capital increases due to funding a cover to control runoff from the convenience drop off area.

Northern Landfill

| Description | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|----------------------|--------------------|-----------------------------|-----------------------------|--------------------|---------------------------------|--------------------------------|
| Personnel | \$597,407 | \$504,410 | \$504,470 | \$516,300 | 2.36% | 2.35% |
| Benefits | 271,803 | 340,860 | 340,870 | 345,290 | 1.30% | 1.30% |
| Operating | 970,550 | 855,900 | 855,900 | 1,065,030 | 24.43% | 24.43% |
| Capital | 0 | 381,100 | 381,100 | 626,100 | 64.29% | 64.29% |
| Total | \$1,839,760 | \$2,082,270 | \$2,082,340 | \$2,552,720 | 22.59% | 22.59% |
| 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.

Contact

Dusty Hilbert, Bureau Chief (410) 386-2035
 Sheree Lima, Management and Budget Project Coordinator
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<http://ccgoverment.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 and processing of yard waste
- Waste oil and antifreeze drop-off
- Scrap tire collection
- Goodwill collection site
- Scrap metal and appliances
- Vinyl siding recycling
- Electronic recycling

To conserve space and prolong the life of the Northern Landfill, approximately 86% of the waste materials are collected and transferred to landfills in Pennsylvania.

Budget Changes

- A 2.5% salary increase is included in FY 16.
- Operating increases due to the estimated volume of leachate and increase disposal rate from \$.06 to \$.065.
- Capital increases due to the replacement of the grinder used for yard waste processing.

Positions

| Title | Type | FTE |
|------------------------------------|-----------|--------------|
| <i>Foreman</i> | Full-time | 2.00 |
| <i>Heavy Equipment Mechanic</i> | Full-time | 1.00 |
| <i>Landfill Equipment Operator</i> | Full-time | 5.00 |
| <i>Landfill Superintendent</i> | Full-time | 1.00 |
| <i>Maintenance Technician</i> | Full-time | 1.00 |
| <i>Office Associate</i> | Full-time | 1.00 |
| Total | | 11.00 |

Recycling Operations

| Description | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|---------------|------------------|-----------------------------|-----------------------------|------------------|---------------------------------|--------------------------------|
| Personnel | \$51,682 | \$53,050 | \$53,300 | \$54,640 | 3.00% | 2.51% |
| Benefits | 29,076 | 31,220 | 31,230 | 32,470 | 4.00% | 3.97% |
| Operating | 186,369 | 236,100 | 236,100 | 232,880 | -1.36% | -1.36% |
| Capital | 8,399 | 9,000 | 9,000 | 9,000 | 0.00% | 0.00% |
| Total | \$275,526 | \$329,370 | \$329,630 | \$328,990 | -0.12% | -0.19% |
| 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

Dusty Hilbert, Bureau Chief (410) 386-2035
 Sheree Lima, Management and Budget Project Coordinator
 (410) 386-2082
<http://ccgoverment.carr.org/ccg/recycle/>

The services at the recycling center are provided through a contract with the Arc of Carroll County and Community Volunteer Services Programs. Scrap metal, batteries and electronics are collected at Northern Landfill and disposal is managed by contractors. Yard trim is mulched and made available to County residents at no charge.

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 2.5% salary increase is included in FY 16.

Goals include:

- Exceed the State of Maryland's future mandate of 35% to begin in December 2015
- Educate County residents and businesses on proper waste management practices including:
 - Waste prevention
 - Reuse
 - Recycling
 - Minimal disposal

Positions

| Title | Type | FTE |
|-------------------|-----------|-------------|
| Recycling Manager | Full-time | 1.00 |
| Total | | 1.00 |

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 for all residents and businesses that wish to self-haul their recyclables. The items the County accepts for recycling include:

- Paper and cardboard
- Plastics and rigid plastics
- DVD/CD cases and disks
- Grocery and empty clear food bags
- Textiles
- Car and truck batteries
- Aluminum
- White goods/scrap metal
- Yard trimmings
- Glass
- Electronics

Solid Waste Accounting Administration

| Description | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|---------------|----------------------|-----------------------------|-----------------------------|--------------------|---------------------------------|--------------------------------|
| Personnel | \$177,857 | \$192,200 | \$192,230 | \$196,930 | 2.46% | 2.44% |
| Benefits | 100,974 | 157,450 | 157,380 | 157,800 | 0.22% | 0.27% |
| Operating | (1,649,581) | 633,820 | 633,820 | 676,490 | 6.73% | 6.73% |
| Capital | 1,277 | 600 | 600 | 600 | 0.00% | 0.00% |
| Total | (\$1,369,472) | \$984,070 | \$984,030 | \$1,031,820 | 4.85% | 4.86% |
| 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
 Sheree Lima, Management and Budget Project Coordinator
 (410) 386-2082
<http://ccgovernment.carr.org/ccg/solidwaste>

Positions

| Title | Type | FTE |
|-----------------------|-----------|-------------|
| Accounting Associate | Full-time | 0.50 |
| Accounting Supervisor | Full-time | 0.50 |
| Weighmaster | Full-time | 4.75 |
| Total | | 5.75 |

50% of the Accountant and Accounting Supervisor positions are charged to the Utilities Enterprise Fund.

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 what type of waste is brought in by haulers and billing

Budget Changes

- A 2.5% salary increase is included in FY 16.
- Operating increases mainly due to post closure liability and recognizing property tax expense for property leased next to Hoods Mill Landfill.

Solid Waste Transfer Station

| Description | Actual FY 14 | Original Budget FY 15 | Adjusted Budget FY 15 | Budget FY 16 | % Change From Orig. FY 15 | % Change From Adj. FY 15 |
|---------------|--------------------|-----------------------------|-----------------------------|--------------------|---------------------------------|--------------------------------|
| Personnel | \$0 | \$0 | \$0 | \$0 | 0.00% | 0.00% |
| Benefits | 0 | 0 | 0 | 0 | 0.00% | 0.00% |
| Operating | 4,384,739 | 4,895,600 | 4,895,600 | 4,866,800 | -0.59% | -0.59% |
| Capital | 0 | 0 | 0 | 0 | 0.00% | 0.00% |
| Total | \$4,384,739 | \$4,895,600 | \$4,895,600 | \$4,866,800 | -0.59% | -0.59% |
| 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

Dusty Hilbert, Bureau Chief (410) 386-2035
 Sheree Lima, Management and Budget Project Coordinator
 (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 then transport the waste to a landfill in Pennsylvania for disposal. Approximately ten to fifteen trailers are loaded daily for the trip to the landfill in Pennsylvania.

Transferring waste instead of burying it in the landfill saves County landfill space, which is expensive to create and maintain.

Budget Changes

Operating decreases due to a reduction in the estimated municipal solid waste tonnage to be transferred, offset by the additional cost of transferring sludge.

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Prior Allocation | Balance to Complete | Total Project Cost |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|--------------------|
| SOLID WASTE ENTERPRISE: | | | | | | | | | |
| Bark Hill Remediation and Maintenance | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$0 | \$0 | \$30,000 |
| Hodges Remediation and Maintenance | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 0 | 0 | 30,000 |
| Hoods Mill Remediation and Maintenance | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | 0 | 0 | 240,000 |
| Northern Landfill Remediation | 55,000 | 55,000 | 55,000 | 55,000 | 55,000 | 55,000 | 0 | 0 | 330,000 |
| SOLID WASTE ENTERPRISE TOTAL | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$0 | \$0 | \$630,000 |
| SOURCES OF FUNDING: | | | | | | | | | |
| Enterprise Fund - Solid Waste | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$0 | \$0 | \$630,000 |
| SOLID WASTE ENTERPRISE TOTAL | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$105,000 | \$0 | \$0 | \$630,000 |