

**Solid Waste Management Services
of the
Brown County Port & Solid Waste Department**

Annual Report 2011





I. Message from Director

The Port and Solid Waste Department is an Enterprise Fund of Brown County. The solid waste side of the operation offers solid waste management services to municipal, commercial, and residential interests. The Solid Waste Department has been in business for more than 40 years providing cost-effective, efficient and environmentally responsible solid waste management services for Brown County and more recently northeastern Wisconsin.

The Department's services include operating a Solid Waste Transfer Station, a Single Stream Recycling Transfer Station, a regional Household Hazardous Waste Collection Facility, the East Landfill Gas-to-Energy Facility, maintenance of two closed landfills, and coordination of household sharps and pharmaceutical collection and disposal programs. The Department also provides recycling programs for tires, Freon-containing appliances and electronics. The success of all of these programs is based on a forward thinking Solid Waste Board and staff that build long-term relationships in the public and private sector and secure long-term relationships in both solid waste and recycling agreements. The Solid Waste Board and staff are committed to emerging solid waste management technologies that are economical and environmentally beneficial.

II. Overview: Management

The Department is part of a three county regional waste agreement with Brown, Outagamie and Winnebago Counties known as the BOW. The three counties coordinate their waste disposal using each county-run landfill in sequence thereby sharing administration and operational costs. This increased efficiency has led to lower landfill tipping fees than found elsewhere in Wisconsin. The department operates a Solid Waste Transfer Station that collects, compacts and transports waste produced by county residential, commercial and industrial users. The waste is trucked to a landfill operated by one of the Tri-County Solid Waste partners.

The BOW operates a regional single stream Materials Recycling Facility (MRF) in Appleton that is one of the largest municipal MRFs in the country. The MRF processes and markets commingled residential and commercial recyclable containers from the partner counties and other northeastern Wisconsin communities. Single Stream Recycling includes recycling of #1 & #2 plastics, aluminum, tin cans, glass, and paper.

The Solid Waste Department also operates the Brown County Household Hazardous Waste Facility providing an environmentally responsible outlet for hazardous, universal and special wastes for Brown County and other northeast Wisconsin residents. The program provides those businesses that qualify as Very Small Quantity Generators (VSQGs) with economical disposal options for hazardous and special waste.

Brown County also coordinates the Household Sharps Collection Program and assists law enforcement in the proper disposal of abandoned pharmaceuticals. HHW held the second Pharmaceutical Clean Sweep in the state in 2006. Since then, permanent year-round collection points have been established by the Brown County Sheriff's Department, the Green Bay Police Department and the Village of Ashwaubenon Police Department. The Brown

County HHW provides law enforcement with regulatory and disposal guidance along with a low cost disposal outlet for non-controlled pharmaceuticals. Since 1996, Brown County Solid Waste and the Health Department have collaborated in managing the Brown County Household Sharps Program collecting over 120,000 pounds of sharps (needles, syringes and lancets).

The Brown County Solid Waste Management Board sets policy for the Brown County Port and Solid Waste Department's solid waste services. It is authorized by Wisconsin State Statute and Chapter 12 of the Brown County Code of Ordinances. The nine (9) members of the Board are appointed by the County Executive and serve as an oversight committee of the County Board. Three members of the Board are from the city of Green Bay, three from incorporated non-Green Bay municipalities and three from unincorporated areas of the County. Two Board members are County Board Supervisors. Board members serve three-year terms. Minutes of the Solid Waste Board meetings are reviewed and approved by the County Board.

Mission Statement

To plan, promote and administer solid waste and recycling activities for northeastern Wisconsin. The activities are accomplished through methods that are environmentally sound and economical.

III. Environment

Through the Brown County Recycling program, material is diverted from landfills to be reused as raw material for new products. In 2011, more than 20,300 tons of recyclables were collected by Brown County communities while the BOW processed more than 52,000 tons from the three counties.

Neither the East or West Landfills had air compliance deviations and met all of the Air Permit requirements for capturing and managing landfill gas and had minor surface emissions detections compared to a couple years ago.

Brown County Solid Waste Management services provide cost-effective and environmentally sound means of preventing material from contaminating our environment. Whether through collection and disposal of hazardous waste through the Household Hazardous Waste program or treatment of leachate from the East and West Landfills, Solid Waste Management prevents millions of pounds of contaminated and hazardous material from getting into the environment. In 2011, the Household Hazardous Waste program collected over 1 million pounds of material including nearly 400,000 pounds of electronics and 260,000 pounds of hazardous liquids.

IV. Economics

The Brown County Port and Solid Waste Department services are among the least expensive and most complete services offered by any operation in the State of Wisconsin. The Port and Solid Waste Department operates as an Enterprise Fund, solely using revenues gathered through operations to fund its activities. The low cost of solid waste disposal is an economic engine to the economy of northeastern Wisconsin.

Throughout 2011, the Department was able to keep landfill tipping fees at a competitive level helping to keep local budgets stable.

Recycling in Brown County collected more than 20,000 tons in 2011, and returned more than \$1.1 million to customers in 2011. Recycling markets have remained stable throughout 2011 in spite of fluctuations in the U.S. and global economies.

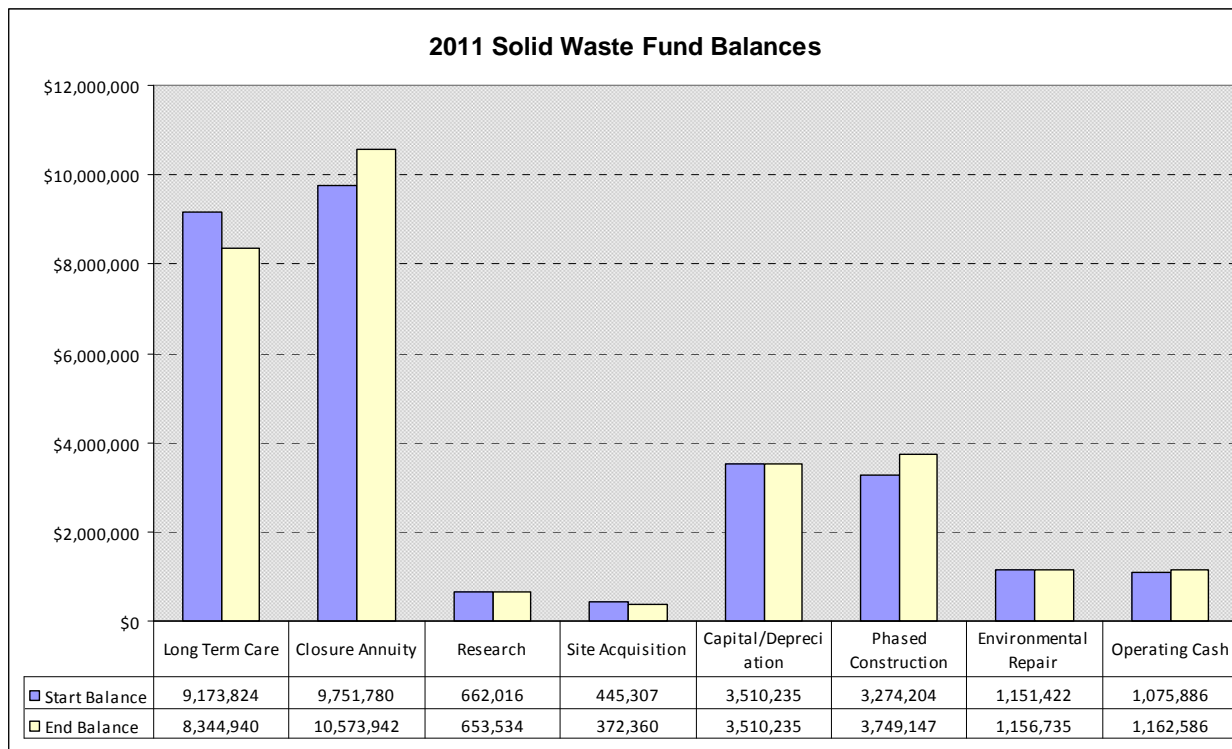
V. 2011 Accomplishments

The following list represents some of the major Solid Waste Management accomplishments in 2011:

- ◆ During the fourth quarter the first solid waste and recycling E-newsletter *The Waste Not* was emailed to our customers as a means of keeping customers and the community informed about solid waste issues.
- ◆ A credit card system was installed at the Solid Waste Transfer Station that does not require a signature for transactions less than \$25, reducing transaction time by 2-3 minutes per credit card customer.
- ◆ More than 145,000 tons of solid waste was processed through the hauled Brown County Transfer Station in 2011.
- ◆ In April, the Van de Hey farm was sold for approx. \$1.2 million removing the property from our asset list and returning it to the Town of Wrightstown tax rolls.
- ◆ The West Landfill monitoring requirements were reduced after the Hazardous Air Pollutants were modeled and shown to be below the NR 445 requirements.
- ◆ The Brown County East Landfill was the first in the state to receive an approval to recirculate leachate back into a closed landfill. The pilot study was completed from August through October to determine if the landfill would generate more gas if leachate was recirculated back into the waste.
- ◆ In December 2011, Brown County tasked Foth to troubleshoot ways to increase gas production at the Gas-to-Energy Facility.
- ◆ Repaired a culvert at the West Landfill to direct more water to on-site BC sedimentation ponds in 2011.
- ◆ There were no Air Permit deviations at either the West Landfill or East Landfill in 2011.
- ◆ Approximately 6,400 sq ft. of the Transfer Station concrete floor was replaced in Oct. over a 3 week period, rendering 3 doors and 1 compactor unusable for a week at a time. Brown County did not get a single complain during this work.

- ◆ More than 20,300 tons of single stream recyclables were hauled from Brown County to the BOW processing facility in Outagamie County in 2011 and more than \$1.1 million was returned to customers in 2011.
- ◆ Brown County Household Hazardous Waste (HHW) surpassed previous records by collecting 1,057,197 pounds of hazardous materials from 10,411 residential and business sources in 2011. Brown County HHW was able to recycle or make available to the public more than half of the collected material while 262,000 pounds of hazardous waste was kept out of the environment and properly destroyed. Brown County HHW staff managed a nearby county's collection events, assisted another county with its collections, and served as a disposal outlet for material for another county's household hazardous waste program.
- ◆ In 2011 approximately 9,500 pounds of sharps were safely destroyed through the Brown County Household Sharps Program.
- ◆ In 2011, law enforcement disposed of over 900 pounds of controlled pharmaceuticals at the Wisconsin Public Services Pulliam Power Plant while more than 3,000 pounds of non-controlled pharmaceuticals and over-the-counter medications were destroyed through the Brown County HHW Facility.

VI. 2011 Financial Highlights



Fund Balances are current as of 1/31/12 and are unaudited.



Brown County Port and Solid Waste Department Solid Waste Management Area Budget Status Report 12/31/2011

12/31/2011

Annual YTD
Budget Actual % of
Budget

	Annual Budget	YTD Actual	% of Budget
Total Expenses	\$ 10,958,184	\$ 10,668,407	97.36%
Personnel	\$ 508,606	\$ 406,636	
Fringe Benefits	\$ 255,393	\$ 237,327	
Operations & Maintenance	\$ 370,575	\$ 347,721	
Utilities	\$ 112,789	\$ 100,235	
Chargebacks	\$ 265,594	\$ 255,535	
Contracted Services	\$ 6,818,994	\$ 6,786,588	
Other Expenses	\$ 1,530,176	\$ 1,443,695	
Transfer Out	\$ 624,031	\$ 655,103	
Depreciation	\$ 472,026	\$ 435,567	
Total Revenues	\$ 10,497,627	\$ 9,544,921	90.92%
State Grants	\$ 19,000	\$ 18,972	
Sales and Services	\$ 9,335,178	\$ 8,513,450	
Rent	\$ 157,099	\$ 158,349	
Miscellaneous Revenue	\$ 263,490	\$ 201,319	
Interest	\$ 288,700	\$ 194,125	
Intra-gov. Charges	\$ 434,160	\$ 458,707	

HIGHLIGHTS:

Expenses: Solid Waste Transfer Station \$5.9 million to process 145,000 tons of waste, Recycling Transfer Station \$1.4 million for 20,300 tons of recyclables

Revenues: Transfer Station revenues of \$6 million, GTE \$612,000, Recycling \$1.4 million, HHW \$385,000.

Revenues and Expenses are current as of 1/31/12 and are unaudited.

SOLID WASTE AREA - 2011

