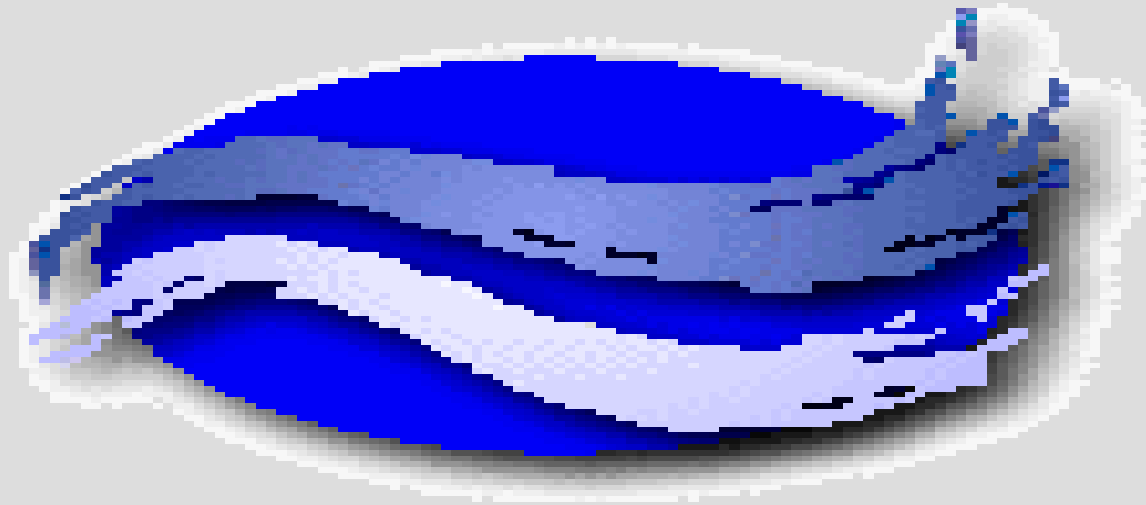
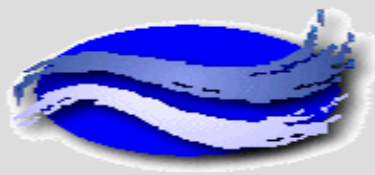


**WINNEBAGO COUNTY
SOLID WASTE
DEPARTMENT REPORT**



**January 4, 2011
SPECIAL ORDERS MEETING**

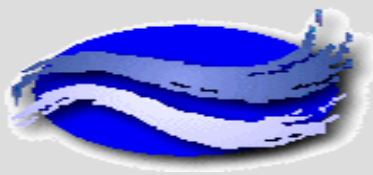


Winnebago County Solid Waste Management Board Members

Pat O'Brien, Chair
Ken Robl, Vice Chair
Paul Eisen, Secretary
Gerald Konrad
Mike Easker
Pat Brennand
David Albrecht
Jerry Finch
Doug Nelson

Winnebago County Solid Waste Staff

John Rabe, Director of Solid Waste
Jim Morris, Landfill Manager
Kurt Pernsteiner, Accountant/Financial Analyst
Jennifer Semrau, Recycling Specialist



INTRODUCTION

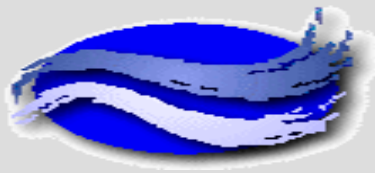
The Solid Waste Management Board (SWMB) was created in 1975 by the Winnebago County Board to provide solid waste management services to all communities, businesses and industry in Winnebago County (General Code – Chapter 15). The SWMB is fully funded by user fees and is not on the tax levy.

Since its inception, the SWMB has been progressive and responsive to the needs of the communities while still remaining cost conscious and environmentally responsible. In 2002, Brown, Outagamie and Winnebago Counties joined forces and formed the Tri-County Regional Program (for solid waste and recycling services), further enhancing economic efficiencies.

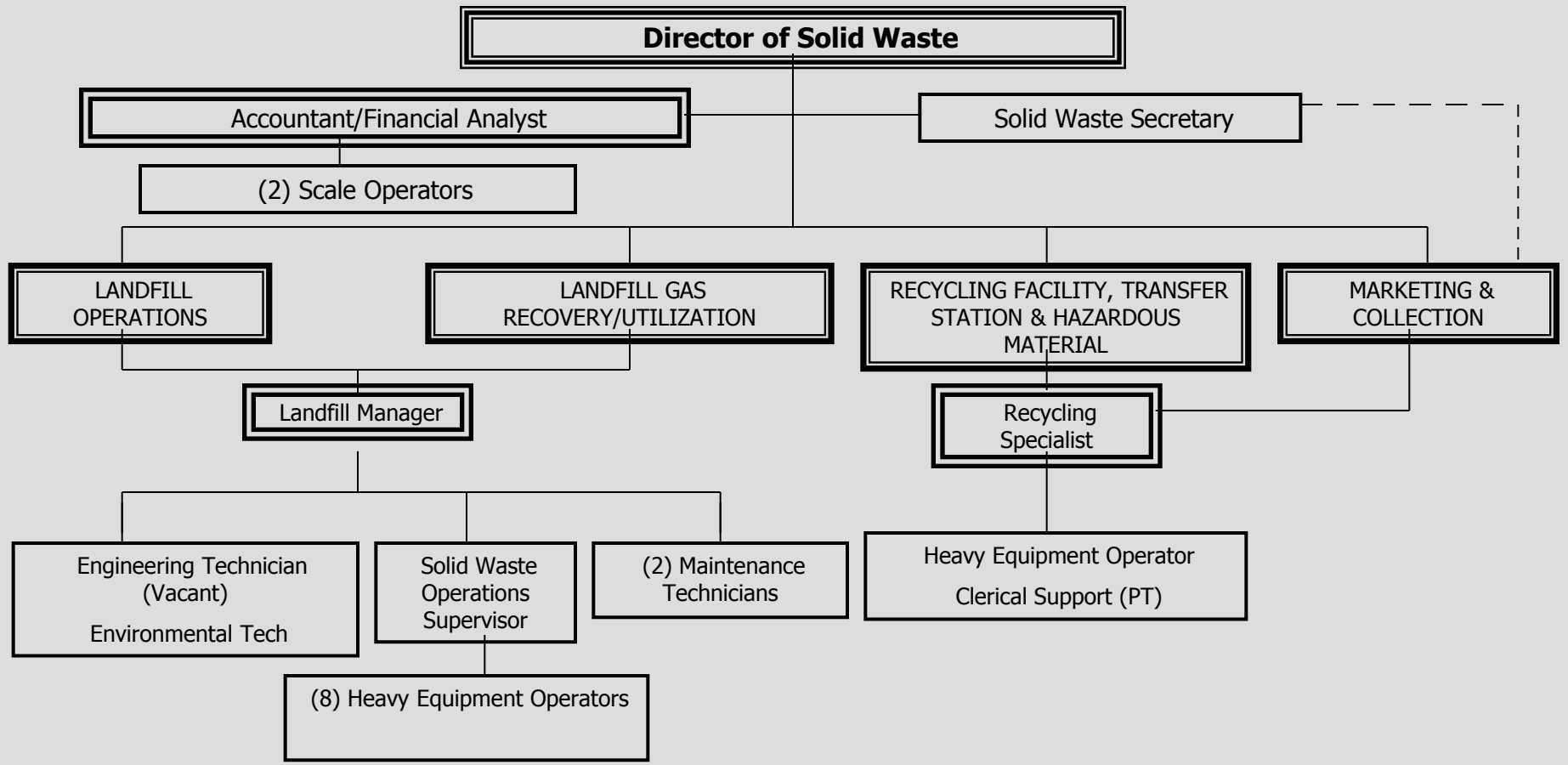
The SWMB has expanded into a comprehensive, integrated solid waste management program consisting of:

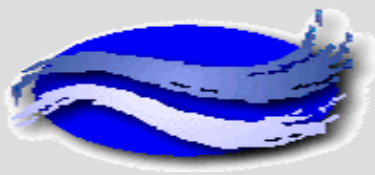
- Landfill Operations
- Landfill Gas Recovery/Utilization
- Recycling/Solid Waste Transfer Station
- Household Hazardous Material Facility
- Computer/Electronic/Fluorescent Bulb Recycling
- Pharmaceutical Management
- Container Rental and Lease Program

Since 2002, the SWMB has reduced full-time staffing from 28 to 21 employees through internal consolidations, saving thousands of dollars annually in labor and fringe benefit costs.



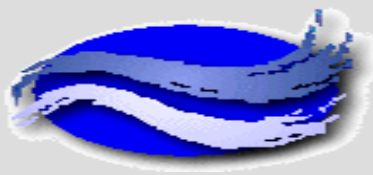
WINNEBAGO COUNTY SOLID WASTE ORGANIZATIONAL CHART - 2010





LANDFILL OPERATIONS

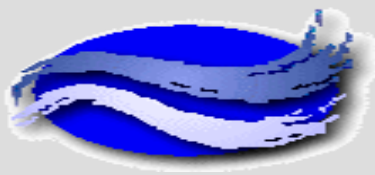
- Environmentally disposed of over 579,000 tons of waste in 2010 (down from over 589,000 tons in 2009) during the 6th year as the Tri-County Regional landfill.
- Winnebago County customers contributed over 192,000 tons of waste for 2010 disposal (down from over 200,000 tons in 2009).
- Completed construction of a 9.2 acre section of final cover on the Sludge Site.
- Expanded the landfill gas collection system in the Co-Disposal Site (vertical and horizontal wells) to increase collection efficiency while maintaining WDNR/EPA air permit compliance.
- Expanded the leachate recirculation program in the Co-Disposal Site with automated recirculation trench systems to reduce leachate treatment costs and maximize waste compaction/density.



2005-2010 SOLID WASTE TONNAGE SUMMARY

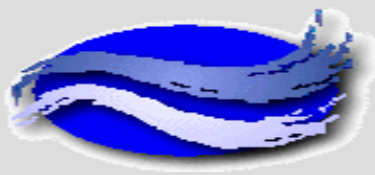
<u>Year</u>	<u>Tri-County Regional (Tons)</u>	<u>Winnebago County (Tons)</u>
2005	368,600	163,200
2006	583,300	219,600
2007	628,000	203,200
2008	709,600	283,400
2009	589,000	200,000
2010	579,000	192,000

- Remaining airspace calculations show that Winnebago County will remain the Tri-County Regional Landfill through 2011.
- The transition to Outagamie County becoming the Tri-County Regional landfill will occur in 2012; and Winnebago County will become a full time solid waste transfer station in 2013.
- Regional Plan: Outagamie County 2012 – 2019; Brown County 2020 - 2027



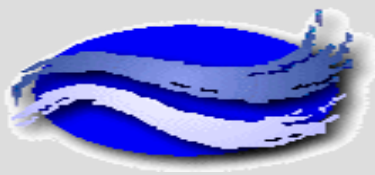
LANDFILL GAS RECOVERY/UTILIZATION

- Continued operation of a landfill gas/electric generation facility (five engine/generators, 5.4 MW capacity) and selling power to a local utility (equivalent of approximately 2,700 residential homes).
- Continued operation of a landfill gas flare system (excess landfill gas) to maintain WDNR/EPA air permit compliance.
- Completed installation and start-up of a new 3,000 cfm landfill gas compressor/conditioning system at the Sunnyview Landfill to further enhance the landfill gas utilization program while maintaining WDNR/EPA air permit compliance.
- Continued operation of a waste heat recovery system at the Winnebago County Sheriff's Office providing low cost "green" energy to supplement heating/hot water systems and reduce utility costs (system is currently down for repairs).
- Electric revenues in 2010 are estimated to exceed \$2.0 million, and will be used to offset operational expenses.
- By converting landfill gas to electricity, the SWMB prevented a coal fired power plant from generating that electricity (avoided emissions), which is the emissions equivalent of approximately 37,000 vehicles.



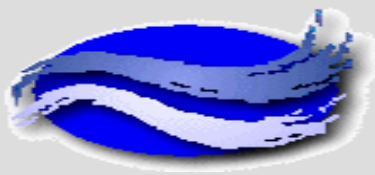
RECYCLING/SOLID WASTE TRANSFER STATION

- Continued to collect recyclable materials (paper and commingled containers) from 15 of the 21 communities in Winnebago County.
- Continued cost-efficient operation of the recycling transfer station by providing drop-off collection, transportation and off-site processing (Outagamie County) of recyclable materials as part of the Tri-County Regional Program.
- Recycling tonnages for Winnebago County communities have increased approximately 20% since the Tri-County Regional program began operation of a single stream processing facility (Outagamie County) in July 2009.
- Discontinued the use of plastic bags for commingled containers as part of the transition to single stream recycling (effective January 1, 2010).
- Completed Phase III transfer station modifications which included removal of debagging equipment, construction of additional push walls and upgrades to the fire suppression system (for long-term use of the transfer station for solid waste and recyclable materials).



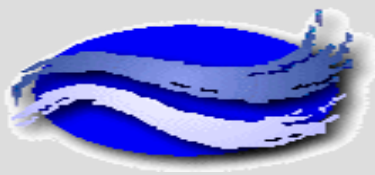
HOUSEHOLD HAZARDOUS MATERIAL FACILITY

- Continued operation of a Household Hazardous Material (HHM) Facility and product exchange room on selected days of each month from March through October (new for 2010 – no appointment needed).
- Various HHM's (such as lead/oil based paints, pesticides, automotive chemicals, solvents, aerosols, varnish/stains, mercury, etc.) are accepted free of charge for Winnebago County residents only.
- Accepted over 35,000 pounds of HHM's in 2010 (utilized by 621 residents) and hauled to the Brown County HHM Facility for proper disposal.
- Product exchange room diverted over 4,500 pounds of HHM's in 2010 from having to be disposed.



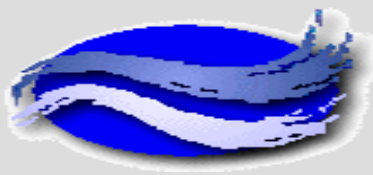
COMPUTER/ELECTRONIC/FLUORESCENT BULB RECYCLING

- Continued the computer/electronic recycling program to provide year-round recycling opportunities for computers, monitors, computer components, televisions, printers, cell phones and other electronics for Winnebago County residents.
- Improved cost-efficiency of computer electronics program by registering as a “Collector” and participating in the electronics recycling program established by 2009 Wisconsin Act 50.
- Continued the fluorescent bulb recycling program to provide year-round recycling opportunities for Winnebago County residents.



PHARMACEUTICAL MANAGEMENT

- Continued participation in pharmaceutical collection events to provide environmentally safe disposal option for unused/expired medications.
- Assisted with the implementation of a permanent drug drop box located at the Oshkosh Safety Building (April 2010).



CONTAINER RENTAL & LEASE PROGRAM

The SWMB offers a full service program of container rentals and competitive container leases for both commercial and residential customers. Other size containers are available for long-term lease.



6 Cubic Yard

Dimensions: Approximately
6 ft wide by 6 ft deep by 5 ft high



8 Cubic Yard

Dimensions: Approximately
7 ft wide by 6 ft deep by 6 ft high



20 Cubic Yard

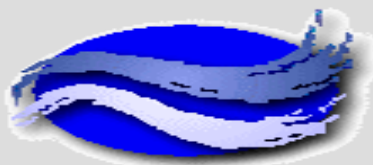
Dimensions: Approximately
8 ft wide by 20 ft long by 5 ft high



30 Cubic Yard

Dimensions: Approximately
8 ft wide by 20 ft long by 6.5 ft high

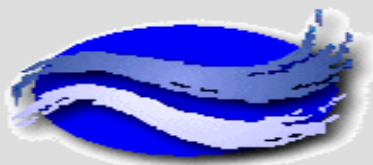
For the current container pricing call (920) 232-1850 or visit our website at:
www.co.winnebago.wi.us/Solid_Waste



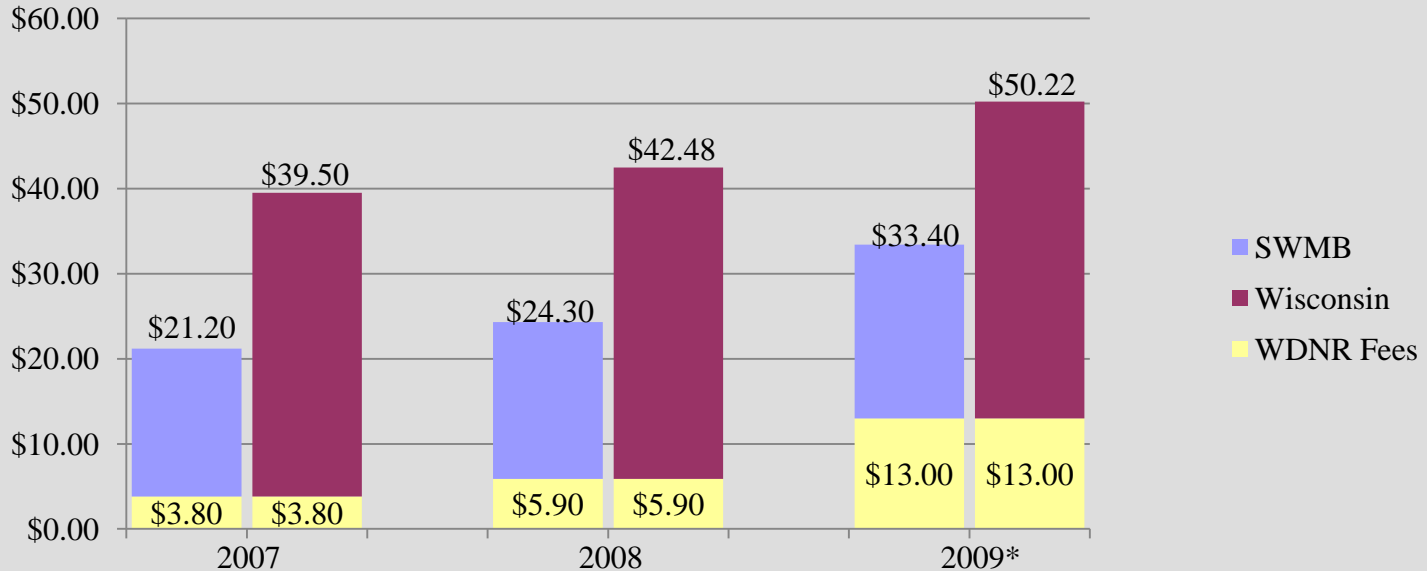
FINANCIAL REPORTS

Winnebago County Solid Waste Management Fund Retained Earnings Reservation

<u>DESCRIPTION</u>	Fund Goal Authorized By SWMB	
	<u>2009</u>	<u>2010</u>
Designated Emergency Funds:		
Regulatory Compliance	1,000,000	1,000,000
Remediation/Liability	3,000,000	2,000,000
Litigation	200,000	200,000
Interim Construction	-	500,000
Operational	100,000	100,000
Capital Outlay	300,000	500,000
Rate Stabilization – Solid Waste	1,800,000	-
Rate Stabilization – Recycling	400,000	400,000
Surplus for Future Solid Waste Transportation	2,000,000	4,300,000
Research & Development Planning	200,000	500,000
Snell Road Landfill LTC > 20 Years	3,600,000	6,000,000
Sunnyview Landfill LTC > 40 Years	1,400,000	1,400,000
Snell Road Landfill Preventative Maintenance	1,000,000	1,000,000
Sunnyview Landfill Preventative Maintenance	<u>1,000,000</u>	<u>1,000,000</u>
Total Reserved	16,000,000	18,900,000
Balance (as of December 31, 2009)	\$17,159,588	



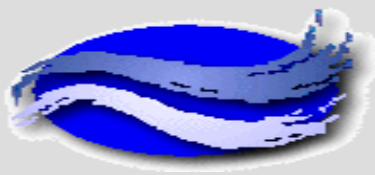
SOLID WASTE TIPPING FEE SUMMARY



➤ The graph above compares the SWMB solid waste tipping fee to the Wisconsin Statewide average for years 2007 through 2009. It also shows increases in the WDNR surcharge fees. The SWMB tipping fee has consistently been 43% to 50% lower than the Statewide average during this time period.

➤ Being an integral part of the Tri-County Regional Program allows the SWMB to remain strong/competitive in the solid waste disposal and recycling markets, and maintain low overall costs for our users.

*Note – Tipping fees shown for 2009 are after the October 1st WDNR surcharge fee increases



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John Rabe, Director of Solid Waste

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www.co.winnebago.wi.us/Solid_Waste