

**MICHIGAN STATE GOVERNMENT OFFICE PAPER RECYCLING PROGRAM  
2007 ANNUAL REPORT (continued)**

**SUMMARY**

Overall quantity of material being recycled has not changed significantly over the past year. Market prices for fiber have increased, bringing down the cost of recycling. The recycling rate has increased but several factors could cause such a difference: the amount of paper purchased may have decreased, more confidential records were purged, more materials are available for recycling through materials sent to state government offices.

Executive Directive 2007-22, signed in November 2007, requires the implementation of a Materials Management Plan for state government operations, including an increased focus on recycling. This Directive has the potential to increase volumes and quality of fiber recycled in the future.

**RESOURCES**

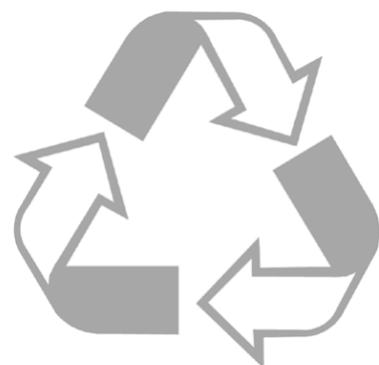
Michigan Department of Environmental Quality Resources:

Web site: [www.michigan.gov/deq](http://www.michigan.gov/deq)  
 Recycling information: [www.michigan.gov/deqrecycling](http://www.michigan.gov/deqrecycling)  
 Environmental Assistance Center: 1-800-662-9278  
 Recycling Specialist: Lucy Doroshko, 517-373-1322 or [doroshkol@michigan.gov](mailto:doroshkol@michigan.gov)  
 Recycling/Composting Coordinator: Matt Flechter, 517-373-8422 or [flechterm@michigan.gov](mailto:flechterm@michigan.gov)



Michigan Department of Management and Budget Resources:

Web site: [www.michigan.gov/dmb](http://www.michigan.gov/dmb)  
 Paper Recycling Web site: [www.michigan.gov/dmb/0,1607,7-150-9152-70817--,00.html](http://www.michigan.gov/dmb/0,1607,7-150-9152-70817--,00.html)  
 Recycling program contract information: Dave Stevens, 517-373-2107 or [stevensd1@michigan.gov](mailto:stevensd1@michigan.gov)



The Michigan Department of Environmental Quality (MDEQ) will not discriminate against any individual or group on the basis of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. Questions or concerns should be directed to the MDEQ Office of Human Resources, PO Box 30473, Lansing, MI 48909.

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 Michigan Department of Environmental Quality



Governor Jennifer M. Granholm  
 Director Steven E. Chester

*In 1988, the Michigan Legislature passed Public Act (PA) 411 mandating that state facilities recycle their office paper. This was codified in the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, to include the directive to the Michigan Department of Environmental Quality (MDEQ):*

*"Section 1650: (1). The department shall establish and implement a paper recycling system to recycle wastepaper products that are recyclable and for which there is an accessible and available market. The recycling system shall include the recyclable wastepaper products generated in the offices and other facilities of state departments and state agencies, the offices and other facilities of the legislature, and the judicial offices and other facilities within this state. The department may work with other state departments and hire private contractors to establish or implement all or a portion of the recycling system under this part."*

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**MICHIGAN STATE GOVERNMENT  
OFFICE PAPER RECYCLING PROGRAM**

**2007 Annual Report**



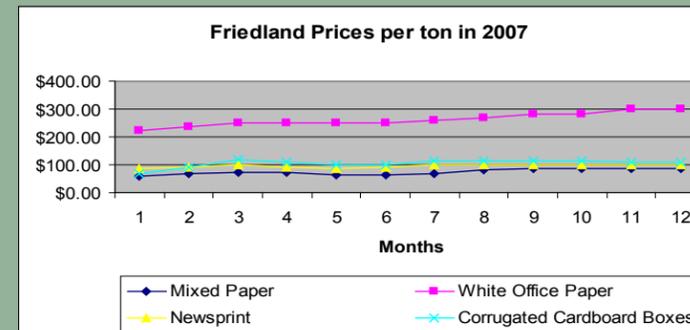
Governor Jennifer M. Granholm recycling state government office paper, Earth Day 2008

The 2007 Office Paper Report is an analysis of the office paper collection data compiled by the Departments of Management and Budget and the Environmental Quality on current recycling activity. It is submitted to Governor Jennifer M. Granholm, the Senate Majority Leader Michael Bishop, the Speaker of the House Andy Dillon, and the Chief Justice of the Michigan Supreme Court Clifford W. Taylor, in accordance with this directive.

**MARKET ANALYSIS**

This report addresses the contracts the state of Michigan has to collect, shred, and recycle sensitive documents from its offices around the state, as well as the contract to collect recyclable fiber (newsprint, corrugated containers, and mixed and white office paper) from Lansing area state government facilities.

In 2006, the cost\* of recycling state office paper in the Lansing area was \$139,445, resulting in the recycling of almost 2.5 million pounds of fiber. In 2007, the cost was \$73,961, resulting in the recycling of nearly 2.1 million pounds of fiber. The lower cost of recycling was likely due to a steady increase in value that fiber has shown over the past few years. Overseas recycling markets have boosted prices for a variety of commodities including collected paper.



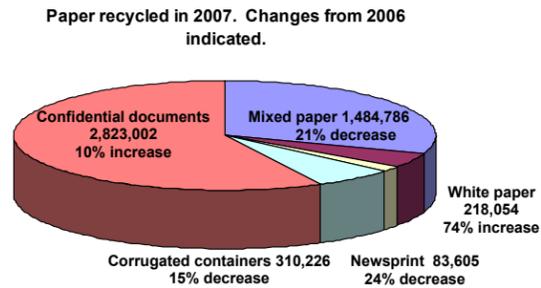
\*Friedland charges a fixed rate to collect, process and market paper. The State is rebated price/ton for the four grades of paper collected.

### STAFF PARTICIPATION IN GOVERNMENT SPONSORED RECYCLING

The state government Office Paper Recycling Program (OPRP) contract serves 77 buildings in the greater Lansing area, in which over 12,600 state employees work. No information is available regarding the amount of recycling that may be occurring in over 1000 state locations outside of the Lansing area, in which approximately 40,000 state employees work.

### VOLUME OF PAPER RECYCLED\*

State government buildings in the Lansing area are served by a paper recycling contract with Lansing-based, Friedland Industries. Certified Document Destruction (CDD) of Wauseon, Ohio, has handled the destruction and recycling of state government confidential papers since 2000. State agencies in Ingham, Eaton and Wayne Counties contract with CDD. This contract is available, but not mandatory, for other state locations in the lower peninsula. In 2006, it cost approximately \$150,000 to collect, destroy, and recycle 2,576,000 pounds of confidential records. The cost for this service in 2007 was \$132,840.88 for 2,823,002 pounds of confidential records.



\*Source: Friedland Industries and CDD collection figures for calendar year 2007.

### STATE OFFICE PAPER RECYCLING RATE

Using figures provided by the Michigan Department of Management and Budget (MDMB) regarding the amount of office paper purchased and recycled by state government in 2007, the state office paper recycling rate was 54%. This is a 42% increase over the recycling rate of 38% calculated in 2006.

### ENVIRONMENTAL BENEFITS

The following are potential environmental benefits resulting from the state government OPRP in 2007. These figures were generated using the National Recycling Coalition's environmental benefits calculator:<sup>1</sup>

- Avoided destruction of 28,968 trees;
- Reduced the generation of waterborne wastes by 11.4 tons;
- Lowered air emissions by 3,052.3 tons;
- Saved 34,992 million British Thermal Units of energy, this is equivalent to the amount of energy needed to power 313 typical United States households for one year; and
- Green House Gas reductions from recycling versus disposal, 2,426 metric tons of carbon equivalents or the same as pulling 1831 cars off U.S. roads.



Baled white office paper at Friedlund Industries, Lansing

<sup>1</sup> The National Recycling Coalition Environmental Benefits calculator uses information obtained from the U.S. Environmental Protection Agency to calculate environmental benefits of recycling a variety of materials. The National Recycling Coalition is a non-profit membership organization composed of professional recyclers from businesses and governments across the United States.

### OUTREACH ACTIVITIES

Staff in the MDEQ and the MDMB continually respond to requests and questions from agencies and staff about office paper recycling. The MDMB recycling Web site is available to staff at <http://www.michigan.gov/dmb/0,1607,7-150-9152-70817--,00.html>. The MDEQ has a recycling Web site at [www.michigan.gov/deqrecycling](http://www.michigan.gov/deqrecycling), containing a variety of recycling information for businesses and residents in Michigan that is also available and referred to by staff.



Typical recycling bins for state government office buildings.



### State Office Paper Prices 2004-2007

