

State of Illinois

**Recycling
& Recycled Paper
Procurement
Update**

Fiscal Year 2007

**State of Illinois
Rod R. Blagojevich, Governor**

**Maureen T. O'Donnell, Acting Director
Department of Central Management Services**



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ILLINOIS Rod R. Blagojevich, Governor
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
Maureen T. O'Donnell, Acting Director

November 1, 2007

To the Honorable Members of the General Assembly:

I am pleased to submit the Recycling and Recycled Paper Procurement Report for Fiscal Year 2007. The State of Illinois' I-CYCLE Program, created by the Solid Waste Management Act of 1986, coordinates the recycling efforts of more than 43,000 state employees at over 250 state locations – and diverts from the waste stream more than 2,200 tons of white and mixed paper, cardboard, kitchen grease, industrial chemicals and aluminum and other metals every year.

A number of agencies have switched to private shredding services, removing paper from the I-Cycle collection stream. When an agency shreds their paper, it still is recycled – but that volume is no longer counted in the I-Cycle report, and that revenue stream is then lost. Instead, the paper rebate helps defray the cost of the shredding service. I-Cycle continues to receive payments for material generated from the Springfield market, but must pay a vendor to process cardboard for recycling. Overall, the program incurs more costs than it produces in revenues.

The past year saw CMS award a master contract to enable responsible disposal of computers and other electronic equipment from state agencies. Also, following a successful pilot program to recycle fluorescent lighting in select State buildings, CMS now is working to select a vendor to extend it statewide. Early reports from the pilot program indicate that more than 5.5 pounds of mercury have been disposed of responsibly – keeping the heavy metal, which is a potent neurotoxin, out of our environment.

In addition to our hands-on recycling activities, CMS purchases various recycled paper products for state agencies, boards, commissions, and universities through the state's procurement process. The CMS Bureau of Strategic Sourcing and Procurement continues to purchase items with high-recycled content ranging from laser printer cartridges to pencils to recycling bins.

Finally, after a review of current operations, CMS is considering moving the I-Cycle Program to CMS Facilities Management. The change would enable coordinated education and marketing outreach via facility managers, which is critical to the growth and expansion of recycling programs across the state. CMS is strongly committed to the ongoing improvement of the state's recycling and recycled purchasing activities. Your continued support of these initiatives is valuable and appreciated.

Sincerely,
Maureen T. O'Donnell
Acting Director, CMS

FY 2007 I-Cycle Program Accomplishments

- ~ Completed Pilot Program for recycling fluorescent light bulb and ballasts at 9 state facilities in Chicago and Springfield comprising more than 2.4 million square feet: and recovered over 5.5 pounds of mercury
- ~ Instituted a statewide master contract to recycle state agencies' surplus electronic equipment or e-scrap
- ~ Continued printer toner recycling and tested recycling of data cartridges, VCR and cassette tapes
- ~ Continued aluminum can and plastic recycling programs at multiple locations in Springfield and Chicago
- ~ AT&T, McLeod and State of Illinois phone books were recycled by 12 Springfield-based state agencies



I-CYCLE Program Statistics

The Solid Waste Management Act (SWMA) directs the CMS to implement recycling programs in state offices and facilities. Sites range from those as large as the James R. Thompson Center in Chicago and the Willard Ice Building in Springfield to individual agency field offices statewide. Statistics for FY2007 are as follows:

Number of overall participating sites:	252
Sites recycling white & mixed paper:	252
Sites recycling white paper only:	21
Sites recycling cardboard:	42 (approx.)
Sites recycling aluminum cans:	17
Sites recycling plastics:	4

Paper and cardboard are the primary materials recycled through the program. Site output, vendor availability or limitation, and market fluctuations all play a role in determining what materials a site recycles. I-CYCLE coordinates with vendors in different regions to collect paper from state locations on a no charge/no pay basis: this means the vendor collects the material at no charge, keeping the proceeds in return. Since these collections are usually combined with the vendor's regular routes, weights for these sites are not available.

FY2007 Comparison Statistics (Estimated):

Category	Fiscal Year 2006	Fiscal Year 2007
Participating sites	251	252
Participating employees	43,061	43,130
Total paper/Cardboard	41	42
Plastic recycling	4	4

Fluorescent Light Bulb Recycling Program

The State's current pilot program provides mercury-containing fluorescent light bulb/ballast recycling services for the following nine facilities in the Chicago and Springfield regions:

Chicago Region

- **James R. Thompson Center**
(17 floors, 906,669 square feet)
- **Michael A. Bilandic Building**
(21 floors, 455,472 square feet)
- **CMS Medical Center**
(6 buildings, 414,227 square feet combined)
- **Suburban North Regional Office Building**
(Split level, 100,000 square feet total)

Springfield Region

- **Prescott Bloom Building**
(3 floors, 180,300 square feet)
- **Jesse B. Harris Building**
(3 floors, 214,606 square feet)
- **CMS Communications Center**
(3 floors, 85,000 square feet)
- **CMS Central Computer Facility**
(3 floors, 69,500 square feet)
- **Illinois Army National Guard at Camp Lincoln**
(Centralized collection site for armory system)

The amount of material recycled from January 2006 to September 2007 is as follows:

Type of Recycled Material	Quantity Recycled	Total Weight Recycled (lbs.)
T-12, Four Foot Lamps	39,484	24,233.31
T-12, Eight Foot Lamps	11,081	13,435.71
Compact Fluorescent Lights (CFL)	1,198	179.33
T-12, U-Shaped Bulbs (two feet)	4,517	2,772.31
HID Lamps	21,251	7,437.85
Crushed Lamps (Drum top crushers)	5,500 (in pounds)	5,500
Ballasts	2,730.6 (in pounds)	2,730.6

The pilot program has demonstrated that a coordinated effort to recycle fluorescent lighting can serve to capture mercury and dispose of it properly, instead of allowing it to seep out of landfills. In fact, Fluorecycle, Inc., of Ingleside, Illinois, recently reported that from January 2006 through September 2007, it collected 5.57 pounds of the heavy metal from State facilities.

CMS is currently seeking a vendor to extend the pilot program to State facilities, both owned and leased, and local governments throughout Illinois. The CMS Bureau of Strategic Sourcing and Procurement (BOSSAP) is working through the Invitation for Bid process and is on track to meet its goal of awarding the contract to a qualified company by January 1, 2008. BOSSAP is seeking a master contract to provide affordable recycling of mercury-containing fluorescent light bulbs, which would enable every state agency as well as interested municipalities to comply with HB 1460.

E-Scrap Update

Computers, printers and other electronic equipment – often called “e-scrap” – is the fastest-growing portion of the municipal solid waste stream. In FY07, CMS developed the first statewide government electronics-recycling program to ensure environmentally friendly disposition of state agencies' equipment. Any government surplus electronic equipment that fails to sell at public auction is given to a vendor, Premier Computers, which conducts recycling and ensures proper disposal. CMS posted award of the Master Contract for Computer Disposal & Recycling Services in October 2006.

FY 2007 RECYCLED PAPER PRODUCTS
Recycled Content Paper Product Procurement Summary

In order to reduce the consumption of raw materials including virgin paper stock, State agencies continue to purchase recycled paper products through the CMS Bureau of Strategic Sourcing & Procurement. Bulk purchases of recycled-content paper in a variety of sizes are made possible by a master contract with Unisource Worldwide (Contract number PRT4011914) and Midland Paper (Contract number PRT4013792). CMS also provides master contracts for envelopes, forms, index and copy paper and toilet tissue:

- | | |
|--|---|
| 4013787 - Recycled White Envelopes | 4012435 - Data Processing Form (Recycled) |
| 4012761 - Recycled Brown Kraft Envelopes | 4014165 - Toilet Tissue/Recycled |
| 4013821 - Recycled Index Paper | 4014239 - Copy Paper (Both Recycled & Virgin Paper) |
| 4013820 - Recycled Offset Paper | |

These contracts are posted on the CMS website in a special section on "Green Practices" and – importantly – some are available through the Joint Purchasing Program (which is also run by CMS) so that a variety of local Illinois government agencies including municipalities, counties, schools, police and fire districts, libraries and other taxing bodies throughout the state can purchase these recycled paper products at the bulk rate negotiated by BOSSAP procurement officials. The State has a master contract with Office Depot for office supplies including recycled paper; in FY07, agencies purchased \$1,248,615 in recycled-content paper and other recycled products – more than 20% of the total contract spend. In addition, FY07 outside printing contracts bid by CMS Printing Unit, using recycled paper, totaled \$1,757,326.

FY07	Non-Recycled Content	Recycled Content	Total\$	% Recycled Products
Paper	\$3,453,581	\$1,453,392	\$4,906,973	30%
Envelopes	\$911,983	\$808,959	\$1,720,942	47%
Other Paper Products	\$2,683,283	\$1,367,077	\$4,050,360	34%
FY 07 Total	\$7,048,847	\$3,629,428	\$10,678,275	34%

Offices of the following state agencies and entities are involved in I-CYCLE:

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|---|---|
| <i>Board of Elections</i> | <i>Illinois Department of Veteran's Affairs</i> |
| <i>Civil Service Commission</i> | <i>Illinois Emergency Management Agency</i> |
| <i>Comprehensive Health Insurance Commission</i> | <i>Illinois Industrial Commission</i> |
| <i>Illinois Environmental Protection Agency</i> | <i>Illinois General Assembly</i> |
| <i>Historic Preservation Agency</i> | <i>Illinois Law Enforcement and Standards Training Board</i> |
| <i>Fourth District Appellate Court</i> | <i>Illinois Occupational Information Coordinating Committee</i> |
| <i>Illinois Board of Higher Education</i> | <i>Illinois Planning Council on Developmental Disabilities</i> |
| <i>Illinois Community College Board</i> | <i>Illinois Prisoner Review Board</i> |
| <i>Illinois Court of Claims</i> | <i>Illinois Rural Bond Bank</i> |
| <i>Illinois Deaf and Hard-of-Hearing Commission</i> | <i>Illinois State Police</i> |
| <i>Illinois Department of Agriculture</i> | <i>Illinois Student Assistance Commission</i> |
| <i>Illinois Department on Aging</i> | <i>Illinois Supreme Court</i> |
| <i>Illinois Department of Central Management Services</i> | <i>Office of the Governor</i> |
| <i>Illinois Department of Children and Family Services</i> | <i>Office of the Lieutenant Governor</i> |
| <i>Illinois Department of Commerce and Economic Opportunity</i> | <i>Office of the Attorney General</i> |
| <i>Illinois Department of Corrections</i> | <i>Office of the Secretary of State</i> |
| <i>Illinois Department of Employment Security</i> | <i>Office of the Comptroller</i> |
| <i>Illinois Department of Financial and Professional Regulation</i> | <i>Office of the Treasurer</i> |
| <i>Illinois Department of Human Rights</i> | <i>Office of the Auditor General</i> |
| <i>Illinois Department of Human Services</i> | <i>State Appellate Defender's Office</i> |
| <i>Illinois Department of Military Affairs</i> | <i>State Appellate Prosecutor's Office</i> |
| <i>Illinois Department of Natural Resources</i> | <i>State Board of Education</i> |
| <i>Illinois Department of Public Health</i> | <i>State Fire Marshal's Office</i> |
| <i>Illinois Department of Revenue</i> | <i>State Retirement Systems</i> |
| <i>Illinois Department of Transportation</i> | <i>Teacher's Retirement System</i> |