

State Agencies/Colleges & Universities
RECYCLING & BUY RECYCLED
Annual Report ■ Fiscal Year 2010

Prepared for **Gov. Mark Sanford**
and the **Members of the S.C. Legislature**

Prepared by the **S.C. Department of Health and Environmental Control**
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Introduction

The S.C. Solid Waste Policy and Management Act (Act) was signed into law on May 27, 1991. The Act, which is South Carolina's comprehensive law on solid waste management, set recycling and disposal goals to be achieved at the state level through efforts at the local level (i.e., state agencies, colleges and universities, counties and businesses).

It also requires local governments to keep track of materials recycled and to report annually to the S.C. Department of Health and Environmental Control's (DHEC) Office of Solid Waste Reduction and Recycling (Office). Section 44-96-140 of the Act was amended on October 3, 2000 requiring state agencies as well as state-supported colleges and universities to:

- submit to DHEC a report detailing their recycling programs; and
- provide a list of products purchased during the previous fiscal year that contain recycled materials.

The Office is responsible for compiling and reviewing data from these reports and publishing the "State Agencies/Colleges & Universities Recycling & Buy Recycled Annual Report" by November 1 each year. This report provides information for fiscal year (FY) 2010 reflecting activities from July 1, 2009 through June 30, 2010.

In addition to summarizing the information reported, the Act also requires the Office to determine what

percentage of state purchases contain recycled materials and include this information in the report. Although a statewide tracking system is not in place, the Office asks respondents to report what is purchased (instead of how much). Not surprisingly, many schools and agencies reported buying recycled-content copy paper, toner/inkjet cartridges as well as bathroom paper products.

There are some options available for purchasing officials to buy recycled-content products on state contract. Typically, a state contract is established by the S.C. Budget and Control Board's Materials Management Office when it has been determined that an item has widespread use throughout the state. Currently, recycled-content paper and envelopes as well as plastic trash can liners and bathroom paper products are available on state-term contract.

In FY10, 16,795 tons of material was recycled by state agencies and colleges/universities, which is a slight increase (about 8 percent) from the 15,507 tons recycled in FY09. The recycling information was compiled from 67 state agencies as well as 29 colleges and universities, down two from FY09.

Data regarding the amount of material recycled was received either directly from the state agency that completed a recycling survey or the tonnages were received from one of two programs that serve the various buildings where the agencies are

located – including the S.C. Budget and Control Board's General Services or the S.C. Department of Corrections. In addition, both public and private colleges/universities efforts are included in this report, although only state-supported schools are required to provide information.

Also, in FY10, the Office made 19 site visits to colleges and state agencies and began working on a College Recycling Professional Certification. In addition, more than 1,200 recycling bins were distributed through a grant from Alcoa Recycling Company.

Finally, the Environmentally Preferred Purchasing (EPP) Policy and Standards was created by the Green Purchasing Initiative Committee. This committee was comprised of representatives from the S.C. Budget and Control Board, S.C. Department of Commerce and DHEC. The EPP Policy and Standards applies to all state agencies and publicly funded colleges and universities and is available at www.mmo.sc.gov. One of the goals of this policy is to develop a statewide tracking system for the purchase of recycled-content products.

Recycling and buying recycled are important issues and have the potential to save money, conserve natural resources and protect the environment. State government and public schools have the opportunity to serve as a model to the private sector as well as the public on how this can be done.



About this report ...

"The State Agencies/Colleges & Universities Recycling & Buy Recycled Annual Report for Fiscal Year 2010" is submitted by DHEC in compliance with S.C. Code Section 44-96-140 (C).

Additionally, Act 119 of 2005 mandates that agencies provide all reports to the General Assembly in an electronic format.

Recycling by State Agencies

Sixty-seven state agencies recycled 7,161 tons of material in FY10. Fifty agencies reported directly to DHEC in response to a recycling survey; the other 17 agencies reported through their recycling vendor. Of the total amount recycled, the No. 1 item recycled was ferrous metal (e.g., steel furniture, drums), followed by office paper.

When it comes to buying recycled-content products, of the 38 state agencies that responded, 31 reported purchasing recycled-content copy paper, followed by 28 agencies purchasing recycled-content toner and/or inkjet cartridges.

S.C. State Agencies Reporting for FY10

- Administrative Law Court
- Arts Commission
- Attorney General
- Budget and Control Board
- Commission for the Blind
- Commission on Higher Education
- Commission on Indigent Defense
- Commission for Minority Affairs
- Commission on Prosecution Coordination
- Comptroller General
- Criminal Justice Academy
- Department of Agriculture
- Department of Alcohol and Other Drug Abuse Services
- Department of Archives and History
- Department of Commerce
- Department of Consumer Affairs
- Department of Corrections
- Department of Education
- Department of Health and Environmental Control
- Department of Health and Human Services
- Department of Insurance
- Department of Juvenile Justice
- Department of Labor, Licensing and Regulation
- Department of Mental Health
- Department of Motor Vehicles
- Department of Natural Resources
- Department of Parks, Recreation and Tourism
- Department of Probation, Parole and Pardon Services
- Department of Public Safety
- Department of Revenue
- Department of Social Services
- Department of Transportation
- Education Lottery Commission
- Education Oversight Committee
- Education Television Network
- Emergency Management Division
- Employment Security Commission
- Ethics Commission
- Forestry Commission
- Governor's Mansion
- Governor's Office
- Higher Education Tuition Grants Commission
- Human Affairs Commission
- Jobs-Economic Development Authority
- Judicial Department
- Legislative Audit Council
- Legislative Printing, Information and Technology Systems
- Lt. Governor's Office
- Office of the Adjutant General
- Office of Regulatory Staff
- Office of the State Auditor
- Office of the State Treasurer
- Patriots Point Development Authority
- Public Service Commission
- Santee Cooper
- Sea Grant Consortium
- Second Injury Fund
- Secretary of State
- State Accident Fund
- State Board of Technical and Comprehensive Education
- State Housing Finance and Development Authority
- State Law Enforcement Division
- State Library
- State Museum
- State Ports Authority
- Vocational Rehabilitation Department
- Workers' Compensation Commission

Commodities Recycled in Tons		
COMMODITIES RECYCLED		AMOUNT (tons)
PAPER	Magazines	63.90
	Office paper	1,118.62
	Newspapers and inserts	9.25
	Corrugated cardboard	395.23
	Phone books	22.72
	Paperboard	1.23
	Other/mixed paper	527.55
PLASTIC (Bottles)	#1 PET	24.07
	#2 HDPE	3.20
	#3 Vinyl	1.35
	Other/mixed plastic bottles	19.05
PLASTIC (Film)	#2 HDPE	52.96
	#4 LDPE	0.00
	Other/mixed plastic film	7.97
METAL	Aluminium (cans, foil)	131.52
	Steel cans	179.41
	Other ferrous metals	1,750.41
	Appliances	7.78
	Other/mixed metal	618.69
GLASS (Containers & Packaging)	Brown	1.04
	Clear	1.45
	Green	0.44
	Other/mixed glass	6.50
WOOD	Pallets	16.72
	Furniture and cabinets	4.42
	Other/mixed wood	0.32
YARD TRIMMINGS/FOOD SCRAPS	Grass clippings	6.54
	Food scraps	0.53
OTHER MATERIALS	Rechargeable batteries	31.38
	Antifreeze	11.24
	Construction & demolition (C&D) debris	537.67
	Consumer electronics	6.92
	Cooking oil	5.95
	Fluorescent bulbs	19.42
	Lead-acid batteries	96.84
	Paint (oil or latex)	0.36
	Tires	125.03
	Toner cartridges	13.37
	Used motor oil	602.89
	Used oil filters	38.52
Other*	699.03	
TOTAL		7,161.49

Recycling by S.C. Colleges & Universities

Twenty-nine colleges and universities reported recycling 9,634 tons of material. In addition to the list below, one school – S.C. State University – started a comprehensive recycling program on campus in FY10 and another school – Columbia College – offers a recycling program but weights were not available. The No. 1 item recycled was mixed wood, followed by cardboard.

When it comes to buying recycled-content products, 20 colleges and universities reported purchasing recycled-content copy paper, followed by 17 schools purchasing recycled-content bathroom paper products.

S.C. Colleges & Universities Reporting for FY10

- Aiken Technical College
- Bob Jones University
- Central Carolina Technical College
- Centura College
- The Citadel
- Clemson University
- Coastal Carolina University
- College of Charleston
- Florence-Darlington Technical College
- Francis Marion University
- Furman University
- Greenville Technical College
- Horry-Georgetown Technical College
- Lander University
- The Medical University of South Carolina
- Midlands Technical College
- Northeastern Technical College
- Orangeburg-Calhoun Technical College
- Piedmont Technical College
- Technical College of the Lowcountry
- Trident Technical College
- The University of South Carolina (USC)
- USC – Aiken
- USC School of Medicine
- USC – Sumter
- USC – Upstate
- Williamsburg Technical College
- Winthrop University
- York Technical College

Commodities Recycled in Tons		
COMMODITIES RECYCLED		AMOUNT (tons)
PAPER	Magazines	18.32
	Office paper	1,038.77
	Newspapers and inserts	28.01
	Corrugated cardboard	1,500.23
	Phone books	28.44
	Paperboard	0.10
	Other/mixed paper	850.74
PLASTIC (Bottles)	#1 PET	47.39
	#2 HDPE	20.11
	#3 Vinyl	0.00
	Other/mixed plastic bottles	37.19
PLASTIC (Film)	#2 HDPE	0.00
	#4 LDPE	0.00
	Other/mixed plastic film	23.72
METAL	Aluminium (cans, foil)	31.84
	Steel cans	83.96
	Other ferrous metals	77.10
	Appliances	2.65
	Other/mixed metal	632.77
GLASS (Containers & Packaging)	Brown	0.00
	Clear	3.82
	Green	0.00
	Other/mixed glass	41.86
WOOD	Pallets	165.85
	Furniture and cabinets	57.48
	Other/mixed wood	1,995.79
YARD TRIMMINGS/ FOOD SCRAPS	Grass clippings	1,099.96
	Food scraps	24.00
OTHER MATERIALS	Rechargeable batteries	3.40
	Antifreeze	1.32
	C&D debris	658.22
	Consumer electronics	181.45
	Cooking oil	69.35
	Fluorescent bulbs	50.44
	Lead-acid batteries	400.49
	Paint (oil or latex)	3.75
	Tires	9.35
	Toner cartridges	11.51
	Used motor oil	144.72
	Used oil filters	55.94
	Other*	233.70
TOTAL		9,633.74