



State of Efficiency



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ef-fi-cien-cy [i fish'nsee]
The productive use of **resources**;
the degree to which something is
done well or without wasted energy



Finalist for Keep Oklahoma Beautiful Award

Keep Oklahoma Beautiful is a non-profit organization that encourages environmental and community improvement through various programs. One of these programs is the Environmental Excellence award, which is based on a single project or program completed within the 12 month period ending June 30 each year, and categorized under several areas. This year, the Department of Central Services (DCS), Office of Facilities Management (OFM) was nominated in the Beautification & Landscaping category. As a key piece of OFM's

sustainability master plan, preparations were made to install a cohesive landscaping theme throughout the Capitol Complex. The design standard included native plants and Xeriscaping principles (a method of landscaping that utilizes drought tolerant plants, and other techniques to conserve water) aimed to reduce maintenance requirements, water consumption and associated costs.

OFM contracted a local landscape architect to devise a plan for enhancing the landscape by replacing or supplementing existing plants (Continued on Page 3)

"We, the public servants of the state of Oklahoma, are hereby committed to the conservation of resources and the protection of future generations through the promotion and implementation of sustainable business practices."



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Energy Star Update



DCS-OFM Energy Star Portfolio

Current Average Rating: 84 (out of 100)

Facilities Included: 12

Energy Star Certified Buildings: 6 (★)

Format: Rating (+/- since June 1, 2011)

For more information about the Energy Star, Energy Star rating system, or other aspects of Energy Star certification program, please visit the [EPA's Energy Star Website](#).



Kerr-Edmondson Building
Current Rating: 91 (E)



Attorney General Building
Current Rating: 78 (+2)



Jim Thorpe Building
Current Rating: 83 (+1)



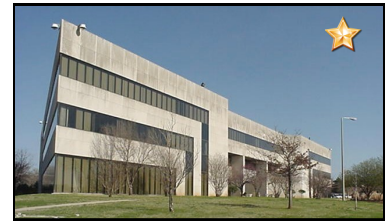
State Capitol Building
Current Rating: 90 (+1)



DHS-CAP Building
Current Rating: 96 (+6)



Department of Libraries
Current Rating: 91 (E)



Agriculture Building
Current Rating: 91 (+3)



Department of Transportation Building
Current Rating: 68 (E)



Banking Building
Current Rating: 60 (+6)



Denver Davison Courts Building
Current Rating: 77 (+31)



Connors and Hodge Buildings
Current Rating: 75 (+2)



Sequoyah and Will Rogers Buildings
Current Rating: 87 (+1)



Finalist: continued

to support the design theme. Annual plantings were removed and replaced with drought tolerant, native or adapted perennials, grasses or woody species. Other specifications included the demolition of some existing planting beds and the addition of boulders and gravel mulch for soil protection and hardscape (permanent structures incorporated into landscape such as benches, curbs, and walls) durability. All recommendations were in line with the vision set forth by OFM leadership to reduce present and future maintenance needs.

A tree grant was awarded to DCS to provide for the addition of 106

trees to the Capitol’s South Plaza. In addition to the trees, the grant provided for a drip irrigation system which further reduced labor demands and the chances of excessive watering practices.

Other areas included in the project were the State Capitol building planting beds, areas around the State Capitol south parking lot, the courtyard between the Will Rogers and Sequoyah buildings, the Judicial Building and Veterans Memorial, planting beds around the signs north and south of the State Capitol, and eight circles surrounding street ramps at NE 23rd Street and Lincoln Boulevard within the cloverleaf.

The 2011 Keep Oklahoma Beautiful Awards Banquet was held on Thursday, November 10, at the Skirvin Hotel and was attended by several DCS representatives. Although DCS was not chosen as the winner in their category, Mike Enneking, Director of Facilities Management had this to say: “We are not discouraged, as environmental stewardship remains our top priority. We congratulate this year’s winner and look forward to submitting future projects for consideration in this prestigious event.”



State Capitol South Bed



Will Rogers/Sequoyah Bed

Paper Recycling

We send paper to the recycling bin every day and often, we wonder where exactly it's going. The DCS Recycling Program is administered by the Property Reutilization Division. After paper and cardboard are picked up from State buildings, it is sorted, shredded, pulverized, compacted and baled, and sold to a recycling vendor. It is then sent to the recycler.

According to the trade association of Paper and packaging industries (TAPPI), the leading association for the worldwide pulp, paper, packaging, and converting industries, when the paper reaches its destination, it is placed in a vat with water and is broken back down into individual fibers, mixed with new wood fiber and squeezed and dried until it is back to the paper product used in offices every day. The paper indus-



try estimates that a sheet of office paper can be recycled seven times. After that, it can be used to make other materials that do not need to have fibers as long as that of a sheet of office paper. Eventually, the material degrades enough so that it is no longer useful, but in the process 2.8 billion trees a year are saved through recycling in the United States.

Since inception, the Department of Central Services' Recycling Program has collected 483,963 pounds of paper and 79,662 pounds of cardboard, which has saved 4,113 trees.

For more information about paper recycling, read "[How is Paper Recycled](#)" published by TAPPI and visit the [TAPPI](#) website.



Energy Savings & Renewable Energy Update

Energy Generated (Numbers updated 10/31/2011)		Energy Savings (Sept. FY08 through Sept. FY12)	
Total Wind	53,328 kWh	Total Energy (kBtu)	-5,154,739 kBtu
CO ² Equivalent	91,724 lbs	Electricity (kWh)	-1,845,466 kWh
Total Solar	160,637 kWh	Natural Gas (Dth)	+1,068 Dth
CO ² Equivalent	276,296 lbs	Water (Gallons)	-1,452 Gal

Learn more about the Economics of Sustainability [here!](#)

Re-Invent Your Print!

Get to Know Your Facilities Professionals!

The Facts

Name:

Terry Ercanbrack

Occupation:

Construction/Maintenance
Technician III

Years with DCS:

11

Specialized Skills:

Electrical and Carpentry

Hometown:

Oklahoma City, OK

Terry Ercanbrack has worked for DCS for eleven years. Prior to his employment with DCS, Terry worked wiring control houses and equipment for portable asphalt making plants at CMI Corporation (now Terex) and prior to that, completed structural repairs for Oklahoma City Schools.

Terry is a team leader for the Central Maintenance Shop. He supervises and trains other technicians and teaches them to do the job right and as efficiently as possible the first time. Terry enjoys working with the technicians and learning different skills from them.

When Terry isn't hard at work, he and his wife Monica enjoy riding their jet skis. Terry is a great leader and an asset to the Facilities Team! 🌟



[Terry Ercanbrack](#)

DCS Recycling Update

Last year, DCS began the ["Re-Invent Your Print!" Recycling Program](#) in DCS-managed facilities. In July 2010, State Surplus began weighing and reporting recyclables collected. The numbers in the table are through November 29, 2011.

Paper	Cardboard
483,963 lbs	79,662 lbs

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