



City Takes More Steps to Increase Recycling, Reduce Expenses

**RFID CHIPS IN RECYCLING BINS ARE ACTIVATED;
11 MORE NEIGHBORHOODS ENROLLED IN BIG BIN PROGRAM;
NEW COMPOSTING CENTER IS OPEN**

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Updates on initiatives designed to expand recycling and composting while reducing costs were presented to the Dayton City Commission at its November 3 meeting.

Recycling Goes High-Tech

The City's "Recycle Dayton" program is now benefiting from activation of RFID (Radio Frequency Identification) chips present in the 96-gallon "Big Bin" containers and 32-gallon containers now in use by thousands of residential waste collection customers.

Since May, more than 7,600 of 10,000 available Big Bins have been distributed to waste collection customers in targeted neighborhoods. An additional 1,500 32-gallon bins are also in use throughout the city.

All of these bins have an embedded microchip capable of transmitting data to software applications via wireless readers in the City's recycling collection trucks. Analysis of the data will help the Division of Waste Collection plan future services and determine whether bins are being used by customers who had requested them. The data collected are: bin identification number and the date, time and location of the pick-up.

Moving waste from the landfill stream to the recycling stream saves natural resources and money. The cost to send waste to a landfill is currently \$38.25 per ton; the cost to send waste to recycling centers is currently \$6.00 per ton and will drop to \$0.00 per ton when 500 tons are sent to recycling monthly. Through September 30 of 2010, recycling in the city of Dayton had increased by 24 percent over the same period in 2009, to an average monthly tonnage of 240. Dayton's goal is to eventually increase monthly recycling collection to 1,000 tons, including collections from Riverside and Jefferson Township.

Dayton's supply of 10,000 96-gallon Big Bins was made possible by a federal Stimulus grant, with additional support from the Montgomery County Solid Waste District.

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Big Bins Available in 11 More Neighborhoods

The 96-gallon Big Bins are now available in 11 additional Dayton neighborhoods, bringing the number of participating neighborhoods to 33. The newly added neighborhoods are: Fairview, Grafton Hill, Greenwich Village, Highview Hills, Kittyhawk, Midtown, Philadelphia Woods, Riverdale, Stoney Ridge, Twin Towers and Wright View. Over the next few days, waste collection customers in these areas will receive a mailer explaining how to sign up for Big Bin service.

New Composting Center

At the November 3 meeting, the City Commission also heard details of the City of Dayton's new composting center, which provides convenience for customers while saving public dollars.

The composting center began operating November 1 at the City's current hardfill site at 2670 Wagner Ford Rd. in north Dayton. The site is open year-round to Dayton residents for free disposal of yard, leaf and tree debris and is operated by National Pallet and Mulch, LLC. Once the site is established (after the first year), the City expects to earn \$.25 per cubic yard of materials disposed of at the site, as the site operator utilizes the materials for its own business purposes.

The new, three-year composting contract will allow the City to close its current leaf composting site at Wegerzyn Gardens MetroPark, saving money and staff resources.

"The City of Dayton continues to take big steps to better utilize taxpayer dollars and resources," Mayor Gary Leitzell said. "Through these new initiatives, we can protect the environment, operate more efficiently and provide greater convenience for our customers."

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