

Miami Dade County 1st Quarter 2009 Residential Single Stream Program

115,152 Mature Trees

This represents enough saved timber resources to produce more than 1.4 Billion sheets of newspaper!



21,912 Barrels of Oil

This provides enough energy to heat and cool more than 54,693 homes for one month!

In the 1st Quarter 2009, Miami Dade County recycled:

746 tons of cardboard/paper;
7,328 tons of Newspaper; 761 tons of mixed paper;
191 tons of tin cans; 919 tons of plastics;
121 tons of aluminum;
and 3,109 tons of glass.

We also managed 1,423 tons of residue at Waste-to-energy (WTE) facilities.

Recycling these materials avoided their manufacturing from virgin materials thereby conserving these natural resources. Use of WTE also generated electricity as noted.



Avoided 16,180 Metric Tons (MTCO₂E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!



44.9 million Kw-Hrs of Electricity from Recycling

This is enough power to fulfill the monthly electricity needs of more than 44,903 homes!



3.7 Million Kw-Hrs of Electricity from Waste-to-Energy

This is enough power to fulfill the monthly electricity needs of more than 3,752 homes!

44,869 Cubic Yards Of Landfill Airspace

This represents enough airspace to fulfill the municipal waste disposal needs for 701,056 people monthly!



61.8 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 824,600 people!