

### Miami Dade County 2nd Quarter 2012 Residential Single Stream Program





This represents enough saved timber resources to produce more than 1.53 Billion sheets of newspaper!

Recycling

48,275 homes!

48.2 million Kw-Hrs

fulfill the monthly electricity

of Electricity from

This is enough power to

needs of more than



#### 23,556 Barrels of Oil

This provides enough energy to heat and cool more than 58,797 homes for one month!

In the 2nd Quarter 2012, Miami Dade County recycled:

802 tons of Cardboard/paper;

7,878 tons of Newspaper; 818 tons of mixed

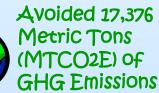
paper; 206 tons of tin Cans; 988 tons of plastics;

130 tons of aluminum;

and 3,343 tons of glass.

We also managed 1,530 tons of residue at

Waste-to-energy (WTE) facilities.



The recycling of these materials prevented these GHG emissions!

### 4.03 Million Kw-Hrs of Electricity from Waste-to-Energy

This is enough power to fulfill the monthly electricity needs of more than 4.035 homes!

# 48,237 Cubic Yards Of Landfill Airspace

This represents enough airspace to fulfill the municipal waste disposal needs for 753,706 people for one month!



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



## 66.4 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 886,480 people!

1 The environmental benefits shown here represent the difference in natural resource consumption and GHG emissions that result from using recycled inputs versus virgin inputs. MTCO2E = metric tons of carbon dioxide equivalent. Sources: U.S. Environmental Protection Agency, International Aluminum Institute, National Association for PET Container Resources, Institute of Scrap Recycling Industries, Earth Works Group Recycler's Handbook, One Earth Recycle, Bring Recycling.org, National Recycling Coalition, US Forest Products Laboratory, Wheelabrator Technologies, and Waste Management. Copyright ©2008 by Waste Management, Inc.