Miami Dade County
1st Quarter 2011
Residential Single Stream Program

WASTE MANAGEMENT Recycle America

WASTE MANAGEMENT Think Green.

116,880 Mature Trees

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

22,242 Barrels of Oil

This provides enough energy to heat and cool more than 55,517 homes for one month!

In the 1st Quarter 2011, Miami Dade County recycled:

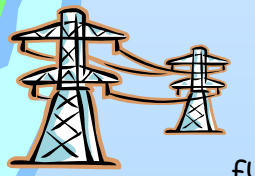
757 tons of cardboard/paper;
7,439 tons of Newspaper; 772 tons of mixed paper; 194 tons of tin cans; 933 tons of plastics;
123 tons of aluminum;
and 3,156 tons of glass.
We also managed 1,445 tons of residue at
Waste-to-energy (WTE) facilities.

Avoided 16,408 Metric Tons (MTCO2E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!

45.5 million Kw-Hrs of Electricity from Recycling

This is enough power to fulfill the monthly electricity needs of more than 45,583 homes!



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

This is enough power to fulfill the monthly electricity needs of more than 3,810 homes!

45,546 Cubic Yards Of Landfill Airspace

This represents enough airspace to fulfill the municipal waste disposal needs for 711,651 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.

62.7 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 837,013 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.

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