

Miami Dade County 1st Quarter 2014 Residential Single Stream Program





This represents enough saved timber resources to produce more than 1.41 Billion sheets of newspaper!

39 million Kw-Hrs

of Electricity from

fulfill the monthly electricity

This is enough power to

needs of more than





17,549 Barrels of Oil

This provides enough energy to heat and cool more than 48,401 homes for one month!

In the 4th Quarter 2013, Miami Dade County recycled:

1,647 tons of Cardboard/paper;

4,083 tons of Newspaper; 1,431 tons of mixed paper; 191 tons of tin Cans; 1,118 tons of plastics;

88 tons of aluminum;

and 1,367 tons of glass.

We also managed 4,779 tons of residue at

Waste-to-energy (WTE) facilities.

Avoided 13,735 Metric Tons (MTCO2E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!

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

This is enough power to fulfill the monthly electricity needs of more than 13,886 homes!

36,901 Cubic Yards Of Landfill Airspace

Recycling

43,169 homes!

This represents enough airspace to fulfill the municipal waste disposal needs for 636,931 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.



50.2 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 740,040 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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