



# Miami Dade County 1st Quarter 2016 Residential Single Stream Program

## THINK GREEN

### 104,089 Mature Trees



This represents enough saved timber resources to produce more than 1.06 Billion sheets of newspaper!

### 19.89 million Kw-Hrs of Electricity from Recycling



This is enough power to fulfill the monthly electricity needs of more than 1,878 homes!

### 38,648 Cubic Yards Of Landfill Airspace

This represents enough airspace to fulfill the municipal waste disposal needs for 48,887 people for one month!



In the 1st Quarter 2016, Miami Dade County recycled:  
**1631 tons of Cardboard/paper;**  
**4152 tons of Newspaper;**  
**1483 tons of mixed paper;**  
**148 tons of tin cans;**  
**1186 tons of plastics;**  
**148 tons of aluminum;**  
**And 1,334 tons of glass.**

We also managed 4745 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 13,790 Metric Tons (MTCO<sub>2</sub>E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!

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



This is enough power to fulfill the monthly electricity needs of more than 12,311 homes!

### 50.85 Million Gallons of Water



This represents enough fresh water to meet the daily fresh water needs of more than 667,798 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. MTCO<sub>2</sub>E = 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.