

# ENVIRONMENTAL FOOTPRINT

## Interesting Facts:

- The average American generates 4.5 lbs of garbage per day.
- The average American family generates approximately 2.5 tons of garbage a year.
- One glass bottle saves enough electricity to light a 100-watt bulb for 4 hours.
- One aluminum can saves enough energy to keep a 100-watt bulb burning for almost four hours or run your television for three hours.

## Our garbage is made up of the following materials:

- 41% paper
- 18% yard waste
- 9% metals
- 8% glass
- 8% food waste
- 7% plastic
- 9% other

## *What a Ton of Recyclables Saves....*

### 1 Ton of Paper Recycled =

- ⊕ 17 Trees (35' Tall)
- ⊕ 7,000 gallons of water
- ⊕ 2 barrels of oil (enough fuel to run the average car for 1260 miles or from Dallas to Los Angeles)
- ⊕ 4100 kilowatts of energy (enough power for the average home for 6 months)
- ⊕ 3.2 cubic yards of landfill space (one family size pickup truck)
- ⊕ 60 pounds of air pollution
- ⊕ 4.2 MWh of energy (enough energy to power a computer for almost a year)

### 1 Ton of Aluminum Recycled =

- ⊕ 1,663 gallons of gasoline (amount of fuel needed to provide a typical home with electricity for a period of 10 years)
- ⊕ 14,000 Kwh of energy
- ⊕ 238 million BTUs of energy
- ⊕ 10 cubic yards of landfill space

### 1 Ton of Glass Recycled=

- ⊕ 42 Kwh of energy
- ⊕ 5 gallons of oil
- ⊕ 714,000 BTUs of energy
- ⊕ 7.5 pounds of air pollutants from being released

⊕ 2 cubic yards of landfill space

1 Ton of Recycled Newsprint =

- ⊕ 601 Kwh of energy
- ⊕ 71 gallons of oil
- ⊕ 10.2 million BTUs of energy
- ⊕ 60 pounds of air pollutants from being released
- ⊕ 4.6 cubic yards of landfill space

1 Ton of Recycled Plastic =

- ⊕ 5,774 Kwh of energy
- ⊕ 685 gallons of oil
- ⊕ 98 million BTUs of energy
- ⊕ 30 pounds of air pollutants from being released

1 Ton of Recycled Office Paper =

- ⊕ 4,100 Kwh of energy
- ⊕ 380 gallons of oil
- ⊕ 54 million BTUs of energy
- ⊕ 60 pounds of air pollutants from being released
- ⊕ 7,000 gallons of water
- ⊕ 3.3 cubic yards of landfill space

Steel =

- ⊕ 642 Kwh of energy
- ⊕ 76 gallons of oil
- ⊕ 10.9 million BTUs of energy
- ⊕ 4 cubic yards of landfill space