

Environmental Impacts of Recycling Fact Sheet

Recycling Avoids Greenhouse Gas (GhG) Emissions

Recycle Each Year



GHG Avoided

Copy Paper – 40 cases (1 ton)

8,820 pounds CO₂ equivalent

Food Waste – 38 64-gallon totes (1 ton)

2,000 pounds CO₂ equivalent

Newspaper - 187 pounds

515 pounds CO₂ equivalent

Aluminum - 150 6-packs

429 pounds CO₂ equivalent

Steel cans – 210 cans

33 pounds CO₂ equivalent

Plastic bottles (PET) – 240 bottles

44 pounds CO₂ equivalent

Glass bottles – 113 bottles

5 pounds CO₂ equivalent

Total savings

11,846 pounds CO₂ equivalent

Recycling Saves Energy

Recycle Each Year



BTU Energy Saved =
Gallons of Gasoline

Copy Paper – 40 cases (1 ton)

80 gallons gasoline

Newspaper - 187 pounds

26 gallons gasoline

Aluminum - 150 6-packs

22 gallons gasoline

Steel cans – 210 cans

4 gallons gasoline

Plastic bottles (PET) – 240 bottles

4 gallons gasoline

Food Scraps - 38 64-gallon totes (1 ton)

2 gallons gasoline

Glass bottles – 113 bottles

1 gallon gasoline

Total savings

139 gallons gasoline