

RIDOLFI's 2006 Carbon Footprint Data

This worksheet summarizes results of the carbon footprint based on the information provided for Ridolfi's transportation, energy, materials, and waste data. All results are reported as metric tons of CO₂. These figures should be interpreted as converted to CO₂ "equivalents", because although most of these emissions are actual CO₂, some of the emissions are from methane (from waste disposed in landfills).

SUMMARY OF CURRENT ANNUAL PRACTICES

Overall emissions: **46.6 metric tons of CO₂** (Mg CO₂) annually, 2.5 metric tons of CO₂ per employee

COMPANY EMISSIONS FOOTPRINT

Transportation			
	Miles Traveled (Business Travel)	Miles Traveled (Commuting)	CO ₂ (Metric Tons)
Car & Truck	19,466	-	5.96
Airplane	91,146	-	17.67
Train	-	-	-
Bus	-	101,970	18.62
Ferry	-	2,611	2.61
<i>Subtotal</i>	<i>110,612</i>	<i>104,581</i>	<i>44.87</i>

Energy Use			
	Quantity	Units	CO ₂ (Metric Tons)
Natural gas	-	therms	-
Electricity	105,000	kWh	-
Steam	-	pounds	-
<i>Subtotal</i>			<i>-</i>

Materials Purchased			
	Quantity	Units	CO ₂ (Metric Tons)
Paper	131,051	sheets	1.06
Other	-	pounds	0
<i>Subtotal</i>			<i>1.06</i>

Waste Generation			
	Quantity	Units	CO ₂ (Metric Tons)
Disposed	5	tons	1.10
Recycled	1	tons	-0.33
Composted	1	tons	-0.06
<i>Subtotal</i>	<i>6</i>	<i>tons</i>	<i>0.72</i>

EMISSIONS REDUCTION POTENTIAL*

Footprint and Reduction Potential			
	Footprint (Metric Tons CO ₂)	Reduction Potential* (Metric Tons CO ₂)	Relative Reduction Potential (% of total)
Business Travel - Car & Truck	6.0	6.0	5%
Business Travel - Plane	17.7	17.7	16%
Business Travel - Other	0.0	0.0	0%
Employee Commuting	21.2	21.2	19%
Energy - Natural Gas	0.0	0.0	0%
Energy - Electricity	0.0	63.0	57%
Energy - Steam	0.0	0.0	0%
Materials Purchased	1.1	1.1	1%
Waste Generation	0.7	0.7	1%
Total	46.6	109.6	100%

Relative Reduction Potential

