

## Annual Environmental Impacts Report

	Advocate Grades in 2005	Advocate Grades in 2007	Difference (Baseline - Target)	
■ <b>Wood Use</b>	28,847 tons	27,375 tons	1,472 tons	<b>10,191 trees</b>
■ <b>Total Energy</b>	427,327 million BTU's	405,522 million BTU's	21,806 million BTU's	<b>240 homes/year</b>
■ <b>Purchased Energy</b>	299,293 million BTU's	284,020 million BTU's	15,272 million BTU's	<b>168 homes/year</b>
■ <b>Sulfur dioxide (SO<sub>2</sub>)</b>	381,728 pounds	362,249 pounds	19,479 pounds	<b>3,542 18-wheelers/year</b>
■ <b>Greenhouse Gases</b>	85,533,149 lbs CO <sub>2</sub> equiv.	81,168,568 lbs CO <sub>2</sub> equiv.	4,364,582 lbs CO <sub>2</sub> equiv.	<b>396 cars/year</b>
■ <b>Nitrogen oxides (NO<sub>x</sub>)</b>	246,508 pounds	233,929 pounds	12,579 pounds	<b>48 18-wheelers/year</b>
■ <b>Particulates</b>	140,846 pounds	133,659 pounds	7,187 pounds	<b>642 buses/year</b>
■ <b>Hazardous Air Pollutants (HAP)</b>	14,612 pounds	13,866 pounds	746 pounds	
■ <b>Volatile Organic Compounds (VOCs)</b>	51,655 pounds	49,019 pounds	2,636 pounds	
■ <b>Total Reduced Sulfur (TRS)</b>	1,886 pounds	1,789 pounds	96 pounds	
■ <b>Wastewater</b>	200,272,070 gallons	190,052,596 gallons	10,219,474 gallons	<b>15 swimming pools</b>
■ <b>Biochemical Oxygen Demand (BOD)</b>	48,795 pounds	46,306 pounds	2,490 pounds	<b>13 homes/year</b>
■ <b>Total Suspended Solids (TSS)</b>	82,781 pounds	78,556 pounds	4,224 pounds	<b>20 homes/year</b>
■ <b>Chemical Oxygen Demand (COD)</b>	708,324 pounds	672,180 pounds	36,144 pounds	<b>78 homes/year</b>
■ <b>Adsorbable organic halogens (AOX)</b>	5,177 pounds	4,913 pounds	264 pounds	
■ <b>Solid Waste</b>	30,707,282 pounds	29,140,352 pounds	1,566,930 pounds	<b>56 garbage trucks</b>

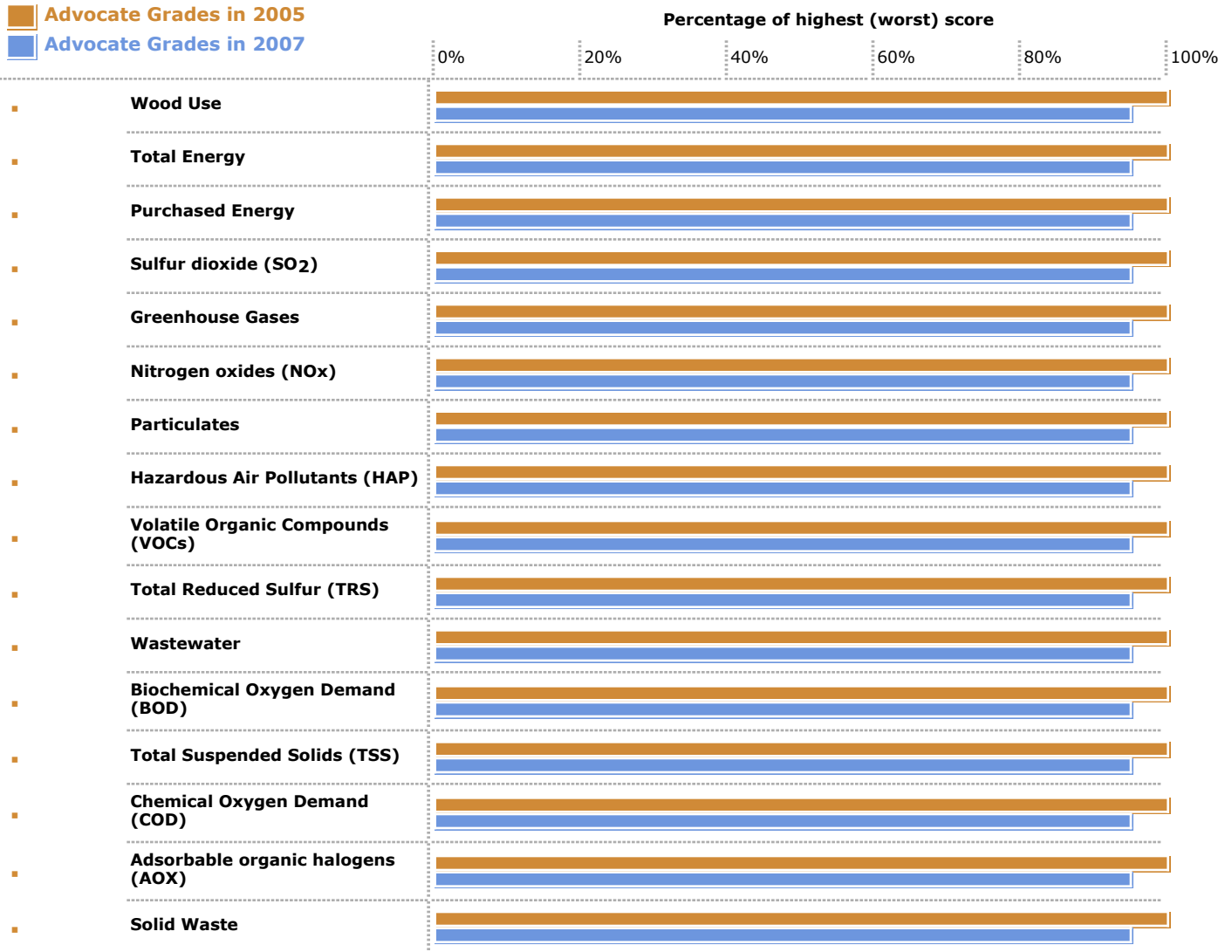
The Paper Calculator is based on research done by the Paper Task Force, a peer-reviewed study of the lifecycle environmental impacts of paper production and disposal. The underlying data is updated regularly.

For more information, contact Environmental Defense:  
[papercalculator@environmentaldefense.org](mailto:papercalculator@environmentaldefense.org)

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## **Advocate Grades in 2005**

**Coated Groundwood (e.g. standard magazine)**

**13522 Tons**

**0% Postconsumer Recycled**

**PULP CONTENT OF PAPER 64%**

### **PULP TYPES AND SOURCES**

#### **VIRGIN PULP TYPES**

Kraft Bleached 50%

Kraft Unbleached 0%

Stone or pressurized groundwood 50%

Thermochemical (TMCP) 0%

#### **RECYCLED PULP SOURCES**

Recycled Office Paper (De-inked kraft) 0%

Recycled newspaper (Mechanical) 0%

Recycled corrugated containers (Non-deinked kraft) 0%

Mixed paper/board (Non-deinked mixed) 0%

#### **KRAFT PULP BLEACHING TECHNOLOGY**

Bleached 50% elemental (50% D) 1.2%

Bleached ECF (100% D) 29%

Bleached Enhanced ECF (100% D) 19.8%

#### **KRAFT UNBLEACHED COMPOSITION**

Linerboard 0%

Medium 0%

Integrated 0%

Non-integrated 0%

## **Advocate Grades in 2007**

**Coated Groundwood (e.g. standard magazine)**

**12832 Tons**

**0% Postconsumer Recycled**

**PULP CONTENT OF PAPER 64%**

### **PULP TYPES AND SOURCES**

#### **VIRGIN PULP TYPES**

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Kraft Unbleached 0%

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#### **RECYCLED PULP SOURCES**

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