

Annual Environmental Impacts Report

	Advocate Grades in 2005	Advocate Grades in 2007	Difference (Baseline - Target)	
■ Wood Use	28,847 tons	27,375 tons	1,472 tons	10,191 trees
■ Total Energy	427,327 million BTU's	405,522 million BTU's	21,806 million BTU's	240 homes/year
■ Purchased Energy	299,293 million BTU's	284,020 million BTU's	15,272 million BTU's	168 homes/year
■ Sulfur dioxide (SO₂)	381,728 pounds	362,249 pounds	19,479 pounds	3,542 18-wheelers/year
■ Greenhouse Gases	85,533,149 lbs CO ₂ equiv.	81,168,568 lbs CO ₂ equiv.	4,364,582 lbs CO ₂ equiv.	396 cars/year
■ Nitrogen oxides (NO_x)	246,508 pounds	233,929 pounds	12,579 pounds	48 18-wheelers/year
■ Particulates	140,846 pounds	133,659 pounds	7,187 pounds	642 buses/year
■ Hazardous Air Pollutants (HAP)	14,612 pounds	13,866 pounds	746 pounds	
■ Volatile Organic Compounds (VOCs)	51,655 pounds	49,019 pounds	2,636 pounds	
■ Total Reduced Sulfur (TRS)	1,886 pounds	1,789 pounds	96 pounds	
■ Wastewater	200,272,070 gallons	190,052,596 gallons	10,219,474 gallons	15 swimming pools
■ Biochemical Oxygen Demand (BOD)	48,795 pounds	46,306 pounds	2,490 pounds	13 homes/year
■ Total Suspended Solids (TSS)	82,781 pounds	78,556 pounds	4,224 pounds	20 homes/year
■ Chemical Oxygen Demand (COD)	708,324 pounds	672,180 pounds	36,144 pounds	78 homes/year
■ Adsorbable organic halogens (AOX)	5,177 pounds	4,913 pounds	264 pounds	
■ Solid Waste	30,707,282 pounds	29,140,352 pounds	1,566,930 pounds	56 garbage trucks

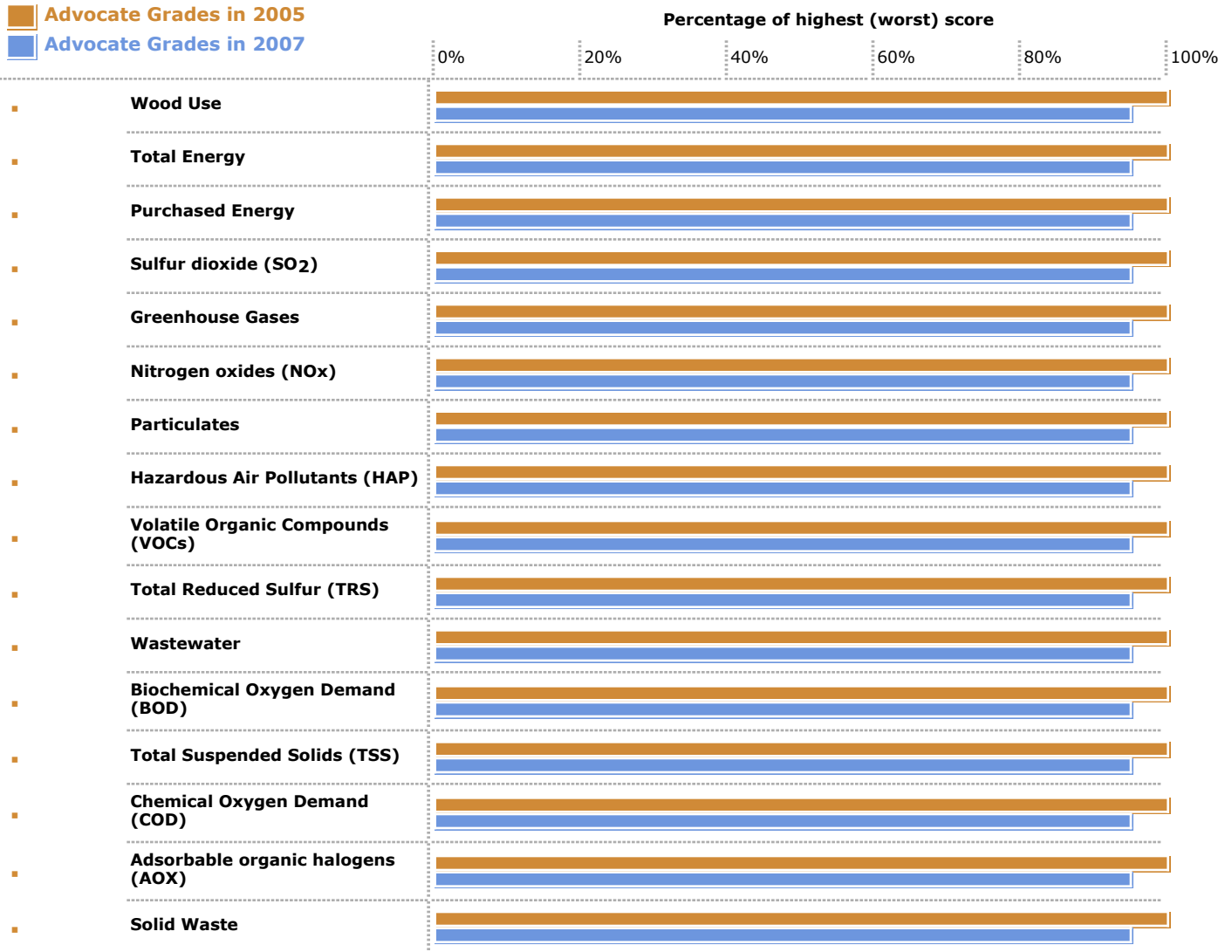
The Paper Calculator is based on research done by the Paper Task Force, a peer-reviewed study of the lifecycle environmental impacts of paper production and disposal. The underlying data is updated regularly.

For more information, contact Environmental Defense:
papercalculator@environmentaldefense.org

<http://papercalculator.org> | <http://environmentaldefense.org>



Annual Environmental Impacts Report



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

<http://papercalculator.org> | <http://environmentaldefense.org>



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

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%