

Annual Environmental Impacts Report

	Baseline Paper	Harbor Offset 100%PC	Difference (Baseline - Target)	
■ Wood Use	16 tons	0 tons	16 tons	109 trees
■ Total Energy	174 million BTU's	98 million BTU's	76 million BTU's	homes/year
■ Purchased Energy	83 million BTU's	98 million BTU's	-15 million BTU's	homes/year
■ Sulfur dioxide (SO₂)	118 pounds	116 pounds	3 pounds	18-wheelers/year
■ Greenhouse Gases	25,805 lbs CO ₂ equiv.	16,191 lbs CO ₂ equiv.	9,614 lbs CO ₂ equiv.	cars/year
■ Nitrogen oxides (NO_x)	84 pounds	65 pounds	18 pounds	18-wheelers/year
■ Particulates	56 pounds	33 pounds	23 pounds	2 buses/year
■ Hazardous Air Pollutants (HAP)	10 pounds	pounds	9 pounds	
■ Volatile Organic Compounds (VOCs)	25 pounds	8 pounds	17 pounds	
■ Total Reduced Sulfur (TRS)	2 pounds	0 pounds	2 pounds	
■ Wastewater	86,506 gallons	46,669 gallons	39,837 gallons	swimming pools
■ Biochemical Oxygen Demand (BOD)	29 pounds	27 pounds	1 pounds	homes/year
■ Total Suspended Solids (TSS)	46 pounds	31 pounds	15 pounds	homes/year
■ Chemical Oxygen Demand (COD)	416 pounds	125 pounds	291 pounds	homes/year
■ Adsorbable organic halogens (AOX)	4 pounds	0 pounds	4 pounds	
■ Solid Waste	10,332 pounds	5,219 pounds	5,113 pounds	garbage trucks

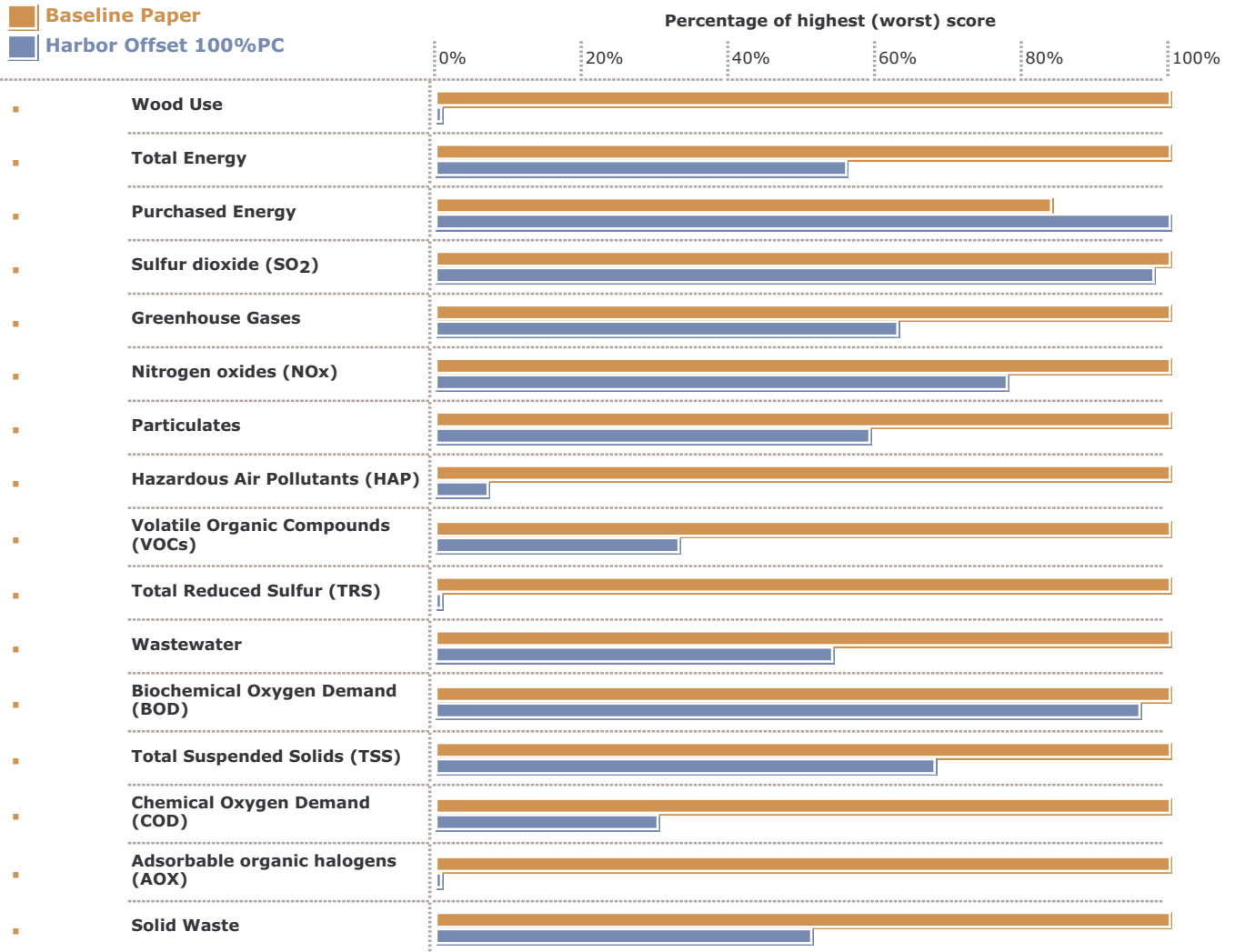
The Paper Calculator is based on research done by the Paper Task Force, a peer-reviewed study of the lifecycle environmental impacts of paper production and disposal. The underlying data is updated regularly.

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

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



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Baseline Paper

Uncoated Freesheet (e.g. copy paper)

9070 Pounds

0% Postconsumer Recycled

PULP CONTENT OF PAPER 78%

PULP TYPES AND SOURCES

VIRGIN PULP TYPES

Kraft Bleached 100%

Kraft Unbleached 0%

Stone or pressurized groundwood 0%

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) 2.4%

Bleached ECF (100% D) 57.9%

Bleached Enhanced ECF (100% D) 39.7%

KRAFT UNBLEACHED COMPOSITION

Linerboard 0%

Medium 0%

Integrated 0%

Non-integrated 0%

Harbor Offset 100%PC

Uncoated Freesheet (e.g. copy paper)

9040 Pounds

100% Postconsumer Recycled

PULP CONTENT OF PAPER 78%

PULP TYPES AND SOURCES

VIRGIN PULP TYPES

- Kraft Bleached 0%
- Kraft Unbleached 0%
- Stone or pressurized groundwood 0%
- Thermochemical (TMCP) 0%

RECYCLED PULP SOURCES

- Recycled Office Paper (De-inked kraft) 100%
- 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) 0%
- Bleached ECF (100% D) 0%
- Bleached Enhanced ECF (100% D) 0%

KRAFT UNBLEACHED COMPOSITION

- Linerboard 0%
- Medium 0%
- Integrated 0%
- Non-integrated 0%