



## Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

# Westland Printers

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[www.westlandprinters.com](http://www.westlandprinters.com)

Printing Company

Member since October 2009

## Management and Leadership



### **Environmentally Preferable Products and Services**

*Westland Printers has been a FSC Certified printer since 2007. The Forest Stewardship Council (FSC) is a non-profit organization devoted to encouraging the responsible management of the world's forests. FSC sets high standards that ensure forestry is practiced in an environmentally responsible, socially beneficial, and economically viable way. To use the FSC logo as an environmental claim on paper, the product must have flowed through the FSC chain of custody from the FSC Certified forest, to a paper manufacturer, to a merchant, and finally to a printer, each who have the FSC chain of custody certification.*

*We also use vegetable inks, which are better for paper recycling because, in the de-inking process, the vegetables release themselves from the paper more easily resulting in less paper fiber damage and also resulting in a brighter byproduct. Plus there is the added bonus that the waste from recycling vegetable inks is not considered hazardous.*

## Waste



### **Solid Waste/Material Use Reduction and Reuse**

*With the investment in our Heidelberg XL 105 we have been able to reduce our use of wash-up solvent by 65%, fountain solution by 50%, and paper make-ready use by 25%. Our ink waste has also been dramatically reduced since this investment.*

**Recycling**

*The introduction of a paper waste recovery system and bailing system in our bindery has led to an average 1,317 tons of recovered waste paper per year. Rather than being landfilled, the waste savings has resulted in the following: 22,391 trees saved; 500,498 gallons of oil saved; 3,951 cubic yards of landfill space saved; 5,268,400 kWh of energy saved; 9,219,700 gallons of water saved. In 2008 alone, Westland Printers was able to recycle 1,139.5 tons of paper, resulting in 4,645,483,920 BTUs of energy not consumed, and 2,785,815 gallons of wastewater flow saved.*

**Hazardous Waste/Toxic Use Reduction**

*Our production methods have been streamlined to reduce our environmental impact. In pre-press, our direct to plate printing has eliminated film processing and its inherent silver waste disposal issues. As mentioned above, our new equipment has also significantly reduced solvent usage. We also use vegetable based inks. Unlike their petroleum counterparts, vegetable inks have lower levels of VOCs (volatile organic compounds) which helps reduce air pollution by minimizing toxic emissions*

**Energy**

**Energy Efficiency**

*We have invested in a color management system that will improve our efficiencies throughout the shop thereby reducing our energy waste and consumption.*

*In addition, Westland Printers participates in the EnerNOC Program. EnerNoc is a program that helps commercial, institutional and industrial organizations use energy more intelligently.*



*Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.*

*Learn more at [www.green.maryland.gov/registry](http://www.green.maryland.gov/registry)*

