



## Williams & Heintz Map Corporation

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

Full-service map printer

Member since September 2009

### MANAGEMENT AND LEADERSHIP

#### Environmental Policy Statement

*Williams and Heintz Map Corporation (W & H) takes a forward looking view on business decisions that may have environmental consequences.*

*We are committed to reducing the impact the company has on the environment; to educating customers and assisting them in making environmentally sensitive choices.*

*W & H is committed to raising the level of environmental awareness of our employees and staff and promoting the needs and responsibilities of environmental management.*

*We are committed to educating vendors and promoting partnerships that support environmental and social responsibility.*

*Williams & Heintz has implemented an Environmental Management System to continuously improve its environmental performance and sustain compliance with the ISO 14001. Necessary personnel and financial resources will be allocated to assist in meeting environmental objectives and targets that will be reviewed as necessary.*

*We will:*

- *Comply with all applicable environmental legislation and regulations and go beyond legal requirements.*
- *Set sustainability targets, monitor, and continually assess environmental performance.*
- *Continually improve waste management practices and reduce consumption of natural resources.*

- *Use material and practices that take due care to ensure that this energy intensive process cause no avoidable adverse environmental impact.*
- *Comply with customer and/or supplier requirements while working closely with them to establish the highest environmental protection standards.*
- *Make the company's environmental information available to interested parties and communicate our objectives and our performance.*

<http://www.whmap.com/documents/presidentialpolicy.pdf>



### **Environmental Team**

*The Environmental Team at Williams & Heintz was established to minimize harmful effects on the environment caused by its activities, to achieve continual improvement of its environmental performance. On the team are the Williams & Heintz Map president, and a representative from each department:*

*Management  
Maintenance  
Pre Press  
Press Room  
Bindery*

*The team meets bi-monthly. Safety and environmental issues are reviewed within the context of the ISO 14001 Procedures Manual. Employee suggestions involving health & safety, any potential environmental impacts from our operations, and recycling efforts, are heard and considered. It has been our experience that some of the best ideas for improving our environmental friendliness have come from the employees here on-site.*



### **Independently-Audited Environmental Management System**

*Williams & Heintz map is ISO 14001-certified for cartographic production, large format cartographic production and specialized map folding. ISO 14001 is a standard for our business to develop and maintain an environmental management system.*

*This means that our valued customers, can be assured of our commitment to continually improve our environmental performance. The processes and materials that we use to create quality maps and charts are continually monitored to reduce our environmental footprint and to decrease pollution and waste.*



### **Annual Environmental Goals**

*For 2011, one of our goals is to select and plant trees on the south side of the building to provide shade, to reduce air conditioning demand, and to reduce CO<sub>2</sub>.*

*Another goal is to research and implement ways to reduce noise and to regulate the temperature in the production area.*

☒ **Environmentally Preferable Products and Services**

*Williams & Heintz Map Corporation provides free consultation services to help customers select green alternatives and materials. We can assist in the design process to reduce environmental impact.*

**WASTE**

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

*In 2008, Williams & Heintz Map Corporation installed a new Computer-to-Plate device. This process replaced the old technique of making photographic films for exposing printing plates. An image created in desktop publishing applications is output directly to a printing plate. Such technology eliminates production steps, reducing water & chemical use, materials purchased, and the amount of solid waste (old films) generated.*

*In 2010, we installed a device that further reduces the chemicals that we use in the plate processor. The plate developer extender, which recycles the plate developer, has reduced the chemicals that we use in this process by 30%. We saved 22 gallons of developer and \$1,143 in 2010.*

☒ **Recycling**

*In addition to printing on paper, we print on a plastic sheet (#5 polypropylene), that is great for a durable long lasting map. Williams & Heintz has found a recycler of the waste plastic from our map production.*

*In addition to paper and plastic, Williams & Heintz recycles:*

*Paper*

*Ink cans*

*55 gallon drums*

*Steel strapping*

*Used oil and waste ink*

*Construction waste including: copper tubing & wire, old water heaters, used equipment.*

*Williams & Heintz has seen considerable cash savings from recycling initiatives. Here are some numbers from 2010:*

Plastics(#5 Polypropylene)	63,124 lbs	\$1,262.48
Plates (aluminum)	15,916 lbs	\$9,450
Batteries	632 lbs	\$32
Copper Wire	139 lbs	\$139
Steel	896 lbs	\$0
Film (Silver)	152 lbs	\$2,662
Paper and Cardboard	168,436 lbs	\$8,308.92
<u>Dumpster fee saved:</u>		<u>\$12,000</u>
<b>GRAND TOTALS</b>	<b>250,664 lbs</b>	<b>\$33,584.40</b>



### **Hazardous Waste/Toxic Use Reduction**

*Williams & Heintz has made great strides in eliminating toxic materials from all departments in the shop. We generate no hazardous waste.*

*All photographic film and printing plate developing chemistry is now water-soluble and requires no special handling or disposal procedures.*

*The press room has eliminated petroleum-based inks. Six years ago, alcohol-based fountain solution was eliminated and replaced by alcohol substitutes.*

*Regarding cleaning solvents: we managed to eliminate all hazardous waste. We occasionally purchase meter roller cleaner, but by the gallon now instead of 55 gallon drum, for specific cleaning tasks.*

**Profile Updated January 2011**