



National Pollution Prevention Roundtable

2005 MVP2 Award Recipients

Volunteer of the Year

Sharon Baxter
Virginia Department of Environmental Quality

Sharon Baxter has directed the Virginia Department of Environmental Quality's Office of Pollution Prevention for the past thirteen years. In this position, she is responsible for the design, funding, staffing and implementation of a number of DEQ's voluntary programs, including the Virginia Environmental Excellence Program, the Virginia Hospitals for a Healthy Environment program and Businesses for the Bay.

P2 Champions

Ken Geiser, PhD
Lowell Center for Sustainable Production

Dr. Ken Geiser is co-director for the Lowell Center for Sustainable Production, Chair of the Toxic Use Reduction Institute's Advisory Board and Associate Professor for the Department of Work Environment at the University of Massachusetts, Lowell.

Projects/Programs

Bentley Prince Street, Inc. (a division of Interface, Inc.)

Eliminated Waste – Reduced solid waste to landfill by 82%. Reduced energy usage through manufacturing process and equipment changes, while focusing on increasing renewable energy usage by 33%.

The Green Suppliers Network

The Green Suppliers Network is a collaborative venture among industry, the U.S. Environmental Protection Agency (EPA), and the U.S. Department of Commerce's Manufacturing Extension Partnership (MEP). The result – companies with more effective processes and products, higher profits and fewer environmental impacts.

Cobalt Boats

Switched from an open-mold process to closed-mold process for some parts, eliminating overspray waste and hazardous air pollutant (HAP) and volatile organic compound (VOC) emissions. Changed adhesive material from one containing HAP to a HAP-free product, eliminating HAP emissions. Changed resin application technology to allow use of low-HAP and low-VOC resin, plus eliminated the use of external mix guns.

30 Years of 3M's Pollution Prevention Pays Program

Over the last 30 years, the program has prevented 2.2 billion pounds of pollutants and saved nearly 1 billion dollars. These pollution and cost reductions include only first-year savings. The 3P program has been and continues to be a success because of its program design, measurable results and benefits, and integration into business processes and corporate culture.

Minnesota Technical Assistance Program (MnTAP): Demonstrating Pollution Prevention (P2) at Healthcare Facilities Using Hospitals for a Healthy Environment (H2E) Products

This project demonstrated how to use Hospitals for a Healthy Environment (H2E) tools effectively to implement pollution prevention in healthcare facilities. The Minnesota Technical Assistance Program (MnTAP) documented how H2E tools were used to facilitate pollution prevention at Minnesota's 141 hospitals and 19 health systems.

AMD/Spansion: PFC Reductions in Deposition Tools

AMD/Spansion reduced annual chemical usage by 15 tons and process emissions by greater than 80%. The second phase of the project produced significant emission reductions: process PFC emissions were reduced 70- 75%.

City & County of Denver

Demonstrated and Systematic Pollution Prevention: The City and County of Denver (Denver) has systematically instituted pollution prevention (P2) as a core business value to reduce costs and demonstrate environmental leadership. Over the past seven years, Denver reduced the amount of hazardous waste generated from its operations by 83% using process modifications, product substitution, environmentally preferable purchasing (EPP), waste recycling, education and recognition.

Washington Department of Ecology

The Cleaner Production Challenge (CPC) is a voluntary resource-conservation project that focused on waste-water and toxic-sludge generation at metal-finishing operators. The 19 facilities receiving awards saved about \$1.2 million annually in water and wastewater reductions. Overall project savings were about \$1.8 million. These facilities generated 156 million gallons less waste water and 384,000 pounds less sludge by the end of the project.

Publications

Kentucky Pollution Prevention Center

KPPC created an annual report for '03-'04 that outlines the accomplishments of the center's many programs. The publication stands out because it encompasses the entire scope of the center's work with a writing style that suits a popular audience.

NPPR would like to extend a special thank you to the judges of this year's MVP² awards:

- Melinda Dower
- John Flatley
- Barbara Johnson
- Jim Kotsmith
- Gary Miller
- Kirk Mills
- Ligia Moss
- Sarah O'Brien