



# PREVENTION *quarterly*

**OhioEPA**

Office of  
**Pollution Prevention**

**SUMMER 1996**

## Ohio Energy All-Stars receive recognition

Green Lights Program participants are finding that by installing energy-efficient lighting systems, they can often cut their lighting electricity bills in half and pay for their upgrade investment in two or three years. More importantly, by reducing the amount of electricity they consume, Green Lights participants are helping prevent pollution and protect the environment.

Because of these benefits, more than 2,000 small and large corporations, nonprofit organizations, universities, hospitals, lighting manufacturers, and federal, state and local governments have voluntarily joined the Green Lights Program. In Ohio, there are more than 80 Green Lights participants, several of which have already completed their Green Lights upgrade commitments.

Ohio EPA and U.S. EPA co-sponsored an event on March 19, 1996, to recognize the following 19 organizations for their program achievement or recent participatory commitment. The eight organizations who have completed 100 percent of their Green Lights Program upgrades by installing energy-efficient products are considered Ohio Energy All-Stars.

Ohio EPA will continue to recognize Ohio Energy All-Stars for their commitment to energy efficiency and environmental protec-

**Energy All-Stars**

***Defiance City Schools***  
***F&W Publications***  
***Fisher-Titus Medical Center***  
***Lima Memorial Hospital***  
***Teron Lighting***  
***Venture Lighting***  
***White Castle Systems***  
***Continental Lighting Services, Inc.***

**New Participants**

***Fairfield City School District***  
***Hilliard Electric Company***  
***Kent State University Main Campus***  
***Ohio Environmental Council***  
***Cincinnati Public School District***  
***Oak Hills Local School District***  
***Multi-Service, Inc.***  
***Ohio State University Hospitals***  
***Worthington City School District***  
***Phoenix Earth Food Cooperative***  
***East Cleveland City Schools***

tion. For more information on the Ohio Energy All-Stars and/or the Green Lights Program, contact **Craig Butler of Ohio EPA's Office of Pollution Prevention at (614)**

**728-1261**. Green Lights Program information is also available on the Internet at **<http://www.epa.gov/docs/GCDOAR/greenlights.html>**.



## Fireline, Inc. receives funding for P2 project

Fireline Inc., a Youngstown manufacturer of high-temperature industrial ceramic products, is installing a new ventilation system in its plant thanks to financial assistance from the State of Ohio's pollution prevention loan program.

Fireline received the loan to install a new ventilation system that would improve indoor air quality and help the company's indoor air quality comply with the Occupational Safety and Health Administration's (OSHA) permitted exposure levels. The company showed that a significant increase in the energy efficiency of its industrial ovens would occur as a side benefit of the new ventilation system. Fireline requested \$100,000 to complete the project; it was awarded \$97,500.

Although controlling or treating indoor air pollution (or any other type of pollution treatment or control) is not considered pollution prevention, increasing the efficiency of a process is. Because the new ventilation system would improve the energy efficiency of its radio wave ovens by 22 percent, and its other ovens and kilns by 12 to 15 percent, the project met the pollution prevention requirements of the loan program. The improved efficiency is expected to save the company more than \$7000 each year.

The pollution prevention loan program provides low-interest capital improvement loans to facilities with fewer than 500 employees to install equipment that results in pollution prevention. The program is jointly administered by the Ohio Environmental Protection Agency and the Ohio Department of Development. Pollution prevention focuses on activities that minimize or eliminate waste before it is generated. As a

secondary preference, pollution prevention includes recycling activities that beneficially use, reuse or reclaim a waste material.

The following types of projects also may qualify for pollution prevention loans: modernizing facilities to use more energy-efficient lighting; installing closed-loop recycling systems; replacing solvents with aqueous cleaners; or modifying a solvent-based painting process with a powder-coating process.

Loans are available from \$25,000 to \$350,000, at a fixed interest rate currently set at two-thirds of the prime rate. The loans also carry a .25 percent annual servicing fee which reduces with the principal. Preferen-

tial interest rates are available on a case-by-case basis in distressed areas of the state.

Applications for the pollution prevention loan program are first given a technical review by Ohio EPA's Office of Pollution Prevention to ensure that the project does prevent pollution. Then, the application is forwarded to one of the Department of Development's 12 regional offices for the financial review.

For more information on the pollution prevention loan program, contact **Bill Narotski, Office of Pollution Prevention, at (614) 728-1264, or Brad Biggs, Department of Development, at (614) 644-8201.**



## Businesses encouraged to attend the next roundtable meeting

The Great Lakes Regional Pollution Prevention Roundtable (GLRPPR) will be holding a meeting in Cleveland on August 8 - 9, 1996 to discuss what government, nonprofit, and university organizations are doing to promote pollution prevention in the Great Lakes Region.

This meeting will be beneficial to business and industry, and it's free! Business, government and other organizations' representatives are encouraged to attend. Attendees will learn what information is being created, what assistance is available, and what other businesses are doing. Presentations will be given on industry initiatives including the Automotive Pollution Prevention Project and the Great Printers Project.

Currently, GLRPPR membership includes approximately 160 organizations and 345 individuals from the Great Lakes States and Ontario, Canada. The main purpose of the GLRPPR is to provide a regional forum for interaction between individuals and programs that foster pollution prevention with a vision of improving the effectiveness of these pollution prevention programs.

Please contact **Amy Whitehead of the Cleveland Advanced Manufacturing Program at (216) 432-5194** for more information.

## Ohio EPA and industry work together on pollution prevention planning

On February 2, 1996, the Office of Pollution Prevention (OPP) held a workshop for *Ohio Prevention First* participants. The purpose of the workshop was to help participants prepare pollution prevention plans.

In his opening remarks, Ohio EPA Director Donald R. Schregardus stated that pollution prevention is an area where Ohio EPA and businesses can work together to achieve joint objectives. Pollution prevention planning can decrease pollution and increase efficiency, thereby saving a company money. This workshop clearly demonstrated that joint objectives can be reached when Ohio EPA and businesses work together.

Representatives from OPP presented guidance on writing pollution prevention plans and the *Ohio Prevention First* initiative.

Representatives from Ashland Chemical, BP Chemicals, and GE Aircraft Engines shared aspects of their pollution prevention programs.

The most popular part of the workshop was the small group discussion period. Attendees were divided into groups to discuss difficulties and benefits of pollution prevention planning. This allowed industry representatives to share experiences and receive advice from other industry representatives.

Reaction to the workshop has been very positive. Ohio EPA hopes to offer similar workshops in the future.

Please contact **Andrea Futrell of Ohio EPA's Office of Pollution Prevention at (614) 644-2813** for more information.

### Tips on P2 planning

- Develop incentives to win support and participation.
- Include staff members who work closest to the manufacturing process.
- Facilitate communication among all departments, both to gather information for assessment purposes and to disseminate information during plan implementation.
- Use "extended resources" to help write the plan (co-ops, interns, consultants).
- Create a task force or team that consists of a person from each department. Include financial staff. Involve upper management and non-environmental staff to determine goals.
- Communicate goals and achievements to the community.
- Share ideas with other companies.
- Start with small projects and the "easy fruit" first. Try to choose projects where cost savings will be realized.

## You can join Ohio Prevention First

*Ohio Prevention First* is a voluntary planning initiative started in 1993 by Governor George V. Voinovich. Any business, industry, local government, community group, school, school district or individual in Ohio can join.

Why should you join *Ohio Prevention First*? You'll enjoy all the benefits that come along with pollution prevention - cost savings and improved environmental quality. And you'll receive additional recognition for participating in this unique partnership with Ohio EPA.

Call **Vanessa Smith of Ohio EPA's Office of Pollution Prevention at (614) 728-1262** for more information.

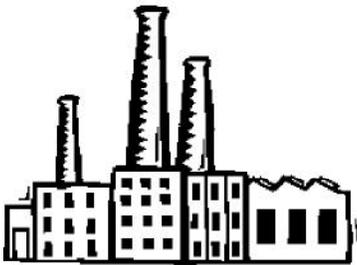


# Nominations requested for the tenth annual Governor's Awards



Applications for the tenth annual Governor's Awards for Outstanding Achievement in Pollution Prevention must be received by the close of business on June 14, 1996.

These awards recognize companies, organizations, or individuals who have made exceptional efforts in reducing pollution through source reduction or the recycling of waste. Any individual, environmental organization, community, educa-



tional group, nonprofit organization, business, industry, agricultural group, trade association, professional organization, or local government of Ohio is eligible.

Participants in the *Ohio Prevention First* initiative will receive additional consideration, and their membership will enhance their

nomination. Ohio Prevention First is a voluntary planning initiative seeking a reduction in pollution generated throughout Ohio. This initiative provides an important opportunity for Ohio business and industry to take a leadership role in environmental protection without the need for additional regulatory mandates.

Applicants may nominate themselves. Nominations by second parties are welcomed also. Please contact **Ohio EPA's Office of Pollution Prevention at (614) 644-3469** for more information.



George V. Voinovich, Governor  
Nancy P. Hollister, Lt. Governor  
Donald R. Schregardus, Director

*Published by the Ohio EPA  
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