

Region 10 1200 Sixth Avenue Seattle WA 98101 Alaska Idaho Oregon Washington

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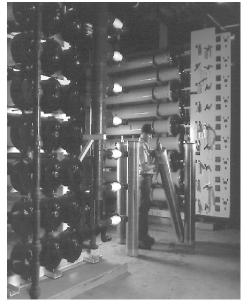
# 1997 Evergreen Award for Pollution Prevention **Micron Technology** Boise, Idaho

The Environmental Protection Agency is proud to honor the environmental efforts of Micron Technology, a semiconductor manufacturing company located in Boise, Idaho. Through their significant corporate commitment to pollution reduction over the past decade, Micron Technology has earned an outstanding environmental track record. EPA Region 10 selects Micron Technology as a 1997 Evergreen Award recipient based on the following achievements.

# **Pollution Prevention Highlights**

Over the last decade, the company has made reductions in its consumption of process materials, water and raw materials while still realizing a 80% compounded annual increase in production. Examples of advancements made by the company include:

- Completely eliminating the use of ozonedepleting chlorofluorocarbons (CFCs) from its manufacturing process;
- \* Replacing its solvent-based cleaning process with a more effective water-based process;
- \* Installing the best available control technology to reduce air emissions;
- \* Investing over \$21 million in water reclamation and water treatment projects, thereby reducing the company's dependence on outside water supplies. For example, Micron now recycles



more than one third of the water used in its manufacturing process! Future phases of the reclamation project will cut the company's dependence on groundwater supplies even further and increase to 75% the amount of process water recycled; and

\* Expanding the company-wide recycling program for scrap metal, plastics, paper, cardboard, and other materials.

# Commitment to Environmental Quality

For many years, Micron has had an Environmental Management System in place which reflects the company's willingness to develop environmental programs to minimize adverse

effects to the environment and to go beyond regulatory compliance. The company was one of the first in the nation to have its environmental management system certified in the U.S. ISO 14001 pilot program. Micron received their ISO 14001 certification in February 1997.

ISO 14001 is an internationally recognized environmental management system that requires a company to rigorously audit its activities for their environmental impacts. Key components of the standard include a commitment to compliance with environmental regulation, pollution prevention and continuous improvement.

One unique feature of Micron's Environmental Management System is the cross-company Pollution Prevention Team. The team is responsible for identifying the biggest sources of Micron's emissions and waste, evaluating possible options for reduction or elimination of the chemical(s), and recommending those changes to the processing area. The team members then work with the appropriate personnel to implement the needed changes.

# Environmental Leadership

Micron's environmental stewardship extends to the other companies with whom Micron does business. The company requests suppliers to ensure that their packaging material are environmentally friendly, encourages the reuse of shipping materials and product containers whenever possible, and requests disposal firms to incinerate their waste streams whenever possible in order to minimize landfill waste.

To inspire other Northwest companies to follow their example, Micron works with the Idaho Association of Commerce and Indusrty to educate other companies about the benefits of Environmental Management Systems and ISO 14001 compliance.

Micron was recognized by the Pacific Northwest section of the American Waterworks Association for innovation and commitment to water conservation.

For more information about Micron Technology's environmental achievements, contact Julie Nash, Corporate Affairs spokesperson, at (208) 368-4426.

# The Evergreen Award for Pollution Prevention

EPA's Evergreen award recognizes outstanding pollution prevention efforts within all sectors of the greater Pacific Northwest business community. For more information about Region 10's Evergreen Award for Pollution Prevention, contact:

> Carolyn Gangmark, U.S. EPA Region 10 (206) 553-4072 or (800) 424-4372, extension 4072 email: gangmark.carolyn@epamail.epa.gov