From Pollution to Prevention: A Progress Report on Waste Reduction

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Foreword

Public interest in protecting health and environment by preventing the generation of hazardous wastes and environmental pollutants is rising. Some companies are discovering that prevention is easier than they thought and that its economic benefits come quickly. Much is happening; only eight months after the release of the Office of Technology Assessment’s report, *Serious Reduction of Hazardous Waste*, a great deal of new information is available. In particular, the Environmental Protection Agency has delivered its report on waste minimization to Congress.

The Subcommittee on Environment, Energy, and Natural Resources of the House Committee on Government Operations requested this special report to bring into focus congressional policy options on reducing the generation of all hazardous wastes and environmental pollutants. The report examines the effectiveness of the limited Federal actions taken so far and summarizes what industry and State and local governments have done to implement waste reduction. These programs are encouraging, and they help us understand what congressional policy options might accomplish. This special report discusses in greater detail several options that first appeared in *Serious Reduction of Hazardous Waste*.

There is agreement between EPA and OTA on the basic benefits of waste reduction. However, OTA sees more waste reduction possible in the near-term and, if the Federal government is to become more engaged with prevention, more need for policy development, organizational change, and institutional commitment. OTA places greater emphasis on the benefits of applying waste reduction in a multi-media fashion to cover all wastes and pollutants regardless of whether or how they are regulated.

Results from an innovative 2-year waste reduction program in Ventura County, California, show how government can assist industry to reduce waste generation and demonstrate that success in waste reduction is possible without traditional, prescriptive regulations, This program, several State waste reduction programs, and a lo-year-old Federal energy conservation program prove that in-plant technical assistance is an effective way to overcome obstacles to waste reduction.

Both industry and government benefit economically from waste reduction. The study shows how the competitiveness of American industry and environmental protection can be improved by devoting more resources to waste reduction and thus quickly reducing the costs of pollution control.

Many people in industry and government assisted OTA in the preparation of this work. A number of people reviewed a draft of this special report. As with all OTA reports, however, the responsibility for its contents is OTA’s alone.
Reviewers–From Pollution to Prevention: A Progress Report on Waste Reduction

David Allen
National Campaign Against
Toxic Hazards

Lee Dane
Massachusetts Department of
Environmental Management

Ryan Delcambre
Dow Chemical Co.

Ken Geiser
Tufts University

Greg Hollad
E.I. du Pont de Nemours & Co.

Steven Lester
Citizen’s Clearinghouse for
Hazardous Wastes

David Leu
California Department of Health Services

Richard MacLean
General Electric Co.

Roger Schecter
North Carolina Pollution Prevention
Pays Program

Russell Susag
3M
OTA Project Staff–From Pollution to Prevention:  
A Progress Report on Waste Reduction

Lionel S. Johns, Assistant Director, OTA  
Energy, Materials, and International Security Division

Audrey Buyn, Manager  
industry, Technology, and Employment Program

Joel S. Hirschhorn, Project Director

Kirsten U. Oldenburg, Assistant Project Director

Edna M. Thompson, Administrative Assistant

Diane D. White, Secretary