

I am in full agreement with their analysis. First, from my perspective as Vice Chairman of our local emergency planning committee, I am under increasing pressure to finalize our County's emergency response plan. It is long overdue, as are most county plans in our state, but it's being done, by our County at least, by almost totally volunteer effort.

On the second front, fines levied under the EPCRA law lead the field in U.S. EPA's enforcement activities on non-reporting industries. Additionally, the information collected pursuant to Section 313 — the Toxic Chemical Release Report — is being used by an ever-increasing number of parties especially environmental groups. And public pressure (unwanted publicity) is strongly encouraging industrial firms to reduce emissions of toxic compounds.

Finally, and most important, the U.S. Congress has noted the apparent phenomenon of a reduction in reported releases over the time period Section 313 reporting has been in effect, and has begun to implement other pollution reduction goals.

In response to these developments, the authors expanded this edition of the handbooks. In particular, they provided lengthy summaries of the EPA penalty policies that guide enforcement-related matters and the authors have discussed pending changes in Section 313 reporting brought about by the Pollution Prevention Act, even though the final form of those changes was not yet complete when the book was written.

Major chapters in this book are as follows:

- I. Subtitle A — Emergency Planning Notification
- II. Subtitle B — Reporting Requirements
(MSDs, emergency and hazardous chemical inventories, and toxic chemical release reports)
- III. Subtitle C — General Provisions
(trade secrets, providing information to health professionals, and enforcement through U.S. EPA and civil suits)
- IV. Future Development
(regulatory fine tuning, clarification of the courts, how EPCRA data are now being used by the public and the government).

GARY F. BENNETT

Recycling Equipment and Technology for Municipal Solid Waste: Material Recovery Facilities, by J.T. Swartzbaugh, D.S. Duvall, L.F. Diaz and G.M. Savage, Noyes Data Corp., Park Ridge, NJ, ISBN 0-8155-1316-X, 1993, 150 pp., \$45.

This technology transfer handbook describes recycling equipment and technologies for municipal solid waste (MSW) and material recovery facilities (MRFs). The authors, discuss what technically can be done, what material specifications can be achieved, and what the different manual and mechanical

separation and recovery approaches can cost. This handbook is intended to give guidance as to what should be incorporated into startup, implementation, and acceptance testing of any equipment and system to be included in an MRF.

The book was originally written as a report entitled: *Handbook — Material Recovery Facilities for Municipal Solid Waste* in 1991 for the U.S. EPA.

The book focuses primarily on equipment and methods for the separation and handling of separated or already source-separated, recyclable constituents in typical municipal solid waste streams. For any single recyclable constituent within the solid waste stream, alternative approaches are identified for separation and recovery (namely, manual versus fully automated versus some kind of approach utilizing both manual and mechanical methods). For each piece of equipment in any approach, the book addresses: the basics of design; theory of operation; sizing; and equipment needs such as shredders, balers, etc. Descriptions include any limitation on materials in the feed to the equipment, area and building requirements, possible siting and permitting requirement, industrial health concerns, and level of operator experience and training needs for proper operation. In addition, economic factors are discussed.

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RCRA Regulatory Compliance Guide, by M.S. Dennison, Noyes Data Corp., Park Ridge, NJ, ISBN 0-8155-1321-6, 1993, 354 pp., \$64.

This book was written by an attorney, especially for industrial firms as a legal compliance guide to safe, legal methods of handling hazardous wastes. The book is organized in a practical fashion to answer questions faced by companies that produce hazardous waste in their day-to-day business operation. The goal of the author is to explain (if that is truly possible) the Resource Conservation and Recovery Act (RCRA) as well as other environmental laws and regulations in such a way that a company will be able to understand and comply with them — thus avoiding the potential for significant monetary penalties (or prison).

This book explains how to identify hazardous wastes, which generation classification to use, and how to safely store, handle and dispose of waste. Practical aspects of waste handling are combined with regulatory compliance aspects such as record keeping and reporting, worker safety and environmental liability insurance.

The book has ten chapters with the following titles:

1. The Regulatory Framework
2. The Resource Conservation Recovery Act
3. Hazardous Waste Identification and Classification
4. Hazardous Waste Generators
5. Hazardous Waste Storage and Disposal
6. Hazardous Waste Reporting and Record Keeping