

US EPA ARCHIVE DOCUMENT



Contents



Introduction	1
The Benefits of Waste Reduction	1
Waste Prevention	2
Recycling	4
Composting	4
Purchasing	5
Chapter One: Getting Started	7
Management Support	7
The Waste Reduction Team	7
Setting Preliminary Program Goals	9
Notifying Personnel	9
Chapter Two: Conducting "a Waste Assessment	10
The Purpose of the Waste Assessment	10
Determining the Approach	10
Records Examination	11
Facility Walk-Through	14
Waste Sort	14
Documenting the Waste Assessment	15
Chapter Three: Selecting, Implementing, and Monitoring	
Waste Reduction Options	16
Compiling and Screening the Options	16
Analyzing and Selecting the Options	16
Waste Prevention Options	17
Recycling Options	18
Composting Options	18
Purchasing Options	20
Implementing the Options	20
Educating and Training Employees	20
Monitoring and Evaluating the Program	22
Waste Reduction in Your Workplace and Beyond	22
Appendices	23
Appendix A: Waste Reduction Ideas	23
Appendix B: Regional EPA and State Waste Reduction Program Contacts	25
Appendix C: Glossary	31
Appendix D: Volume-to-Weight Conversion Table	33
Appendix E: Common Recyclable Materials	37
Worksheets	41

How to Use This Guide

This guide offers step-by-step instructions designed to assist medium and large businesses, governments, and other organizations establish a waste reduction program. Although not specifically designed for smaller companies, these firms also might find the guide useful. While employees at all levels can profit from this guide, the information that follows is directed toward members of the waste reduction team, a group of employees charged with planning and implementing the program.

The guide presents an overview on developing and implementing a waste reduction program, followed by a series of worksheets designed to help the team conduct a waste assessment and devise a program tailored for its company's specific goals. The worksheets lead the team through a set of calculations to estimate the types and amounts of waste generated by the company, identify potential waste reduction options, and determine which options will work in their facility. Teams in large companies with several departments might find it necessary to copy some of the worksheets so that information can be recorded for each department. In addition, teams can complete only those worksheets that are applicable to their operations or appropriate for their waste reduction program.

Appendix A lists a number of specific waste reduction measures that can be implemented in the workplace. You might want to scan this list before reading the remainder of the guide to get a better sense of the range of waste reduction options that can be implemented. This list, while fairly comprehensive, also can serve as a springboard for generating additional ideas tailored specifically for your company.

It should be noted that while this guide discusses a range of approaches to reducing waste in the workplace, in-depth discussions on composting and recycling are beyond the scope of this guide. Many publications have been developed on these topics, however. Contact EPA's RCRA Hotline at 800424-9346 to obtain further information or documents on waste prevention, recycling, composting, and purchasing recycled materials.