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# The 20<sup>th</sup> Southeast Recycling Conference & Trade Show

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Which Way to Go?.....Single Stream,  
Dual Stream, Source Separation

Ralph Simon  
SP Newsprint Co. & SP Recycling Corp.

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## SP Newsprint/SP Recycling

### **OUR MISSION IS**

To be the Preferred Newsprint Supplier  
in Our Markets

### **PURPOSE**

We Recycle, We Provide Paper for the Economical  
Distribution Of Information While Conserving Our  
Natural Resources.



## SP Newsprint

### Two mills

- Dublin            810,000 tons
- Newberg        340,000 tons
- 1,150,000 tons
- Marketing      350,000 tons
- 1,500,000 tons



## SP Newsprint

- Utilizing nearly 100% of the City of Dublin's treated municipal sewage discharge for process use.
- Treating 26 million gallons per day of mill effluent and returning this water to the rivers from where it was withdrawn.
- Burning 530 tons per day of organic sludge, 80 tons per day of scrap tires and 700 tons per day of residual wood, bark, tree limbs and unusable recycled paper.
- Recovering 1 billion BTUs/day of heat for process use.



## SP Recycling

- For profit procurement & brokerage company
- Operators of 27 facilities in 13 states
- Institutionalized “source separation” programs
  - Most successful ONP recovery program
  - 5,000 FEL bins and 800 R/O bins in service
  - Largest OMG Program
  - 20 balers
  - 2 Single Stream facilities; opening one more in May



## Institute of Scrap Recycling Industries

### Paper Stock Industries

- National Chapter dedicated to the private paper recycling industry
- 2007 Scrap Specification Circular  
Newest change re grades descriptions =  
quality issues for residential programs



# Scrap Specifications Circular

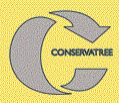


2006

Guidelines for Nonferrous Scrap • Ferrous Scrap • Glass Cullet  
Paper Stock • Plastic Scrap • Electronics Scrap • Tire Scrap

Tel. #: 202-737-1770

[www.isri.org](http://www.isri.org)

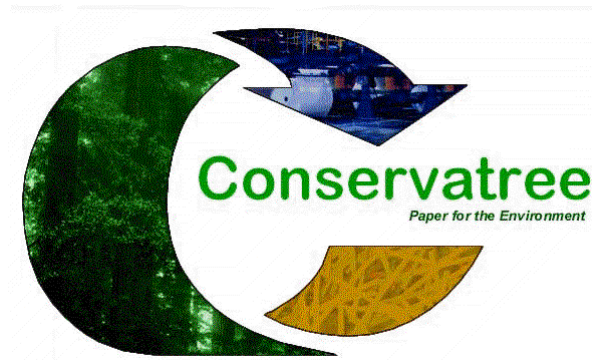


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## Conservatree

Expert Advice & Leadership on Paper Choices



Welcome to Conservatree, your one-stop source for information on environmental papers!

We are expanding our website and adding exciting new information. Please take a minute to look around at all the changes.

If you know a lot about paper or purchase in large quantities, visit our [large-scale purchaser section](#). If you are new to environmental papers or purchase in small quantities, start in our [public information section](#).



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## Conservatree's Statement

Single Stream Best Practices Manual  
and Implementation Guide  
by  
Susan Kinsella, Conservatree  
and  
Richard Gertman, Environmental Planning Consultants  
January 2007

The Single Stream Recycling Best Practices Manual and the Best Practices Implementation Guide are designed to help recycling managers create and maintain the best program for their goals and local community, as well as for the health of the whole recycling system. Recommendations are directed towards solving problems and maximizing the benefits of this type of recycling program.



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## Contact Information

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## Best Practices Manual & Guide

- Executive Summary
- Best Practices Manual (56 pages)
- Implementation Guide (104 pages)



## Summary Collection Systems

- Used to support choices of program
- Impacts material quality and value
- Impacts costs to process
- Impacts costs for disposal of residues



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## Summary Collection Systems

- A system approach is essential for sustainable Recycling Programs
- Choices require collaboration
- Make Recycling Convenient & Easy
- Conduct public education and outreach
- Offer incentives for recycling programs



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## Table of Contents – Best Practices

### EXECUTIVE SUMMARY

- RECYCLING REQUIRES COLLABORATION
- A VIBRANT RECYCLING SYSTEM IS ESSENTIAL

### CHAPTER 1: INTRODUCTION

- INTRODUCTION
  - Recycling System Changes
  - Single Stream Collection and Processing
  - Benefits and Challenges
  - Comparison to Other Systems



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## Table of Contents – Best Practices

### CHAPTER 2: CHALLENGES

- DEFINING THE DILEMMA
  - What Are The Problems?
  - What Are Effects of These Problems?
- SYSTEM ECONOMICS
  - Supply-Side Economics
  - Point of Profit
  - “Cost Effective” Services
  - Who Pays?



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## Table of Contents – Best Practices

### CHAPTER 3: GOALS AND SOLUTIONS

- RESOURCE MANAGEMENT
- RESPONSIBILITIES
- WHO IS IN CHARGE?



# Scrap Specifications Circular



2006

Guidelines for Nonferrous Scrap • Ferrous Scrap • Glass Cullet  
Paper Stock • Plastic Scrap • Electronics Scrap • Tire Scrap

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## Table of Contents

- Glass Cullet: GC-2006
- **Paper Stock: PS-2006 Domestic Transactions**
- Glossary of Paper Stock Terms
- **Paper Stock: PS-2006 Export Transactions**
- Plastic Scrap: P-2006
- Guidelines for Electronics Scrap: ES-2006
- Guidelines for Tire Scrap TS-2006
- Guidelines for Metals Transactions



## Mixed Paper Grade Descriptions

### (2) Soft Mixed Paper (SMP)

Consists of a clean, sorted mixture of various qualities of paper not limited as to type of fiber content.

**Prohibitives: 2%**

**Total Outthrows: 5%**

### (3) Hard Mixed Paper (HMP)

Consists of a clean, sorted mixture of various qualities of paper containing less than 10% of groundwood content.

**Prohibitives: ½ of 1%**

**Total Outthrows: 3%**

### (NEW) Residential Mixed Paper (RMP)

Consists of a mixture of various qualities of paper, not limited as to type of fiber content, normally generated from residential, multi-material collection programs.

**Prohibitives: 2%**

**Total Outthrows: 5%**



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## Recycling Is....

- Should be implemented as a “resource management system”
- NOT be treated as “Solid Waste Diversion” method (It is a benefit!)
- Choices must be made in the context of the whole system



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## Recycling Is....

- Dynamic system
  - Recovery/Collection
  - Preparation/Manufacturing
  - Reuse as raw material
  - Successful marketing as useful product
- Continually evolving
- Embracing new opportunities
- Requires Collaboration / Interdependence on others segments of system



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