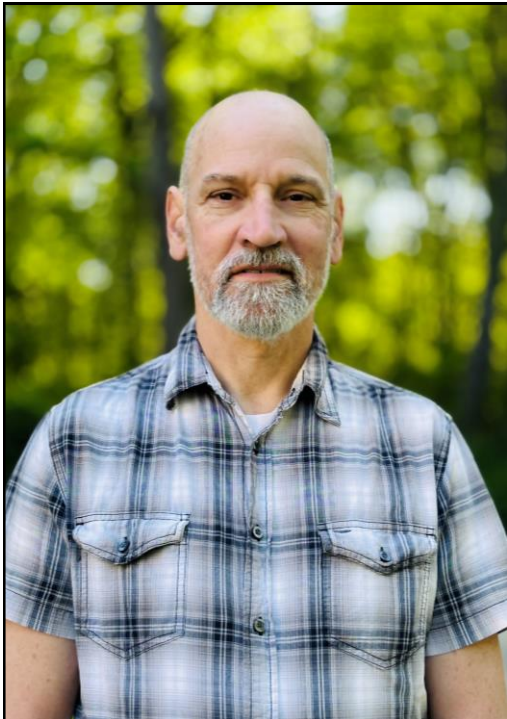




# Solid Waste Management and Reduction Planning: You Can't Always Get What You Want

*SWANA South Carolina Palmetto Chapter Spring Conference*  
May 13, 2026

1



This is  
**Joe Dunlop**

Project Manager, GBB

2

# Today's Agenda



- Solid Waste Management and Waste Reduction Planning
- GBB Overview
- Overview of SWMP
- Deep Dive – Pros and Cons
- S.C.'s Demonstration of Need And Other Requirements
- Planning for Waste Diversion
- Questions / Contact Us

3

## Our Story

○○○

**GBB** is an international solid waste management consulting firm that helps public- and private-sector organizations craft practical, customized and technically sound solutions for complex solid waste management challenges.

**Since 1980**, GBB has been a trusted resource at the forefront of the industry, creating success stories that integrate smart planning with effective management of solid waste services. Our staff enables our clients to do more with less.



ENVIRONMENT



SOCIAL



GOVERNANCE



CARBON  
neutral

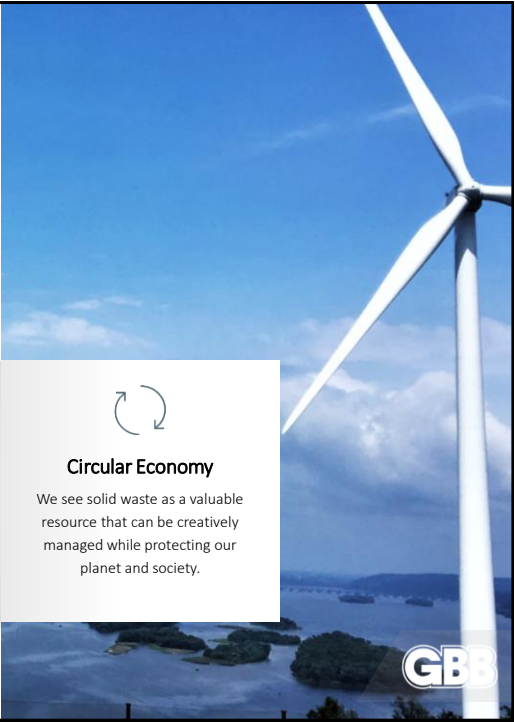






4

## Our Vision

○ ○ ○

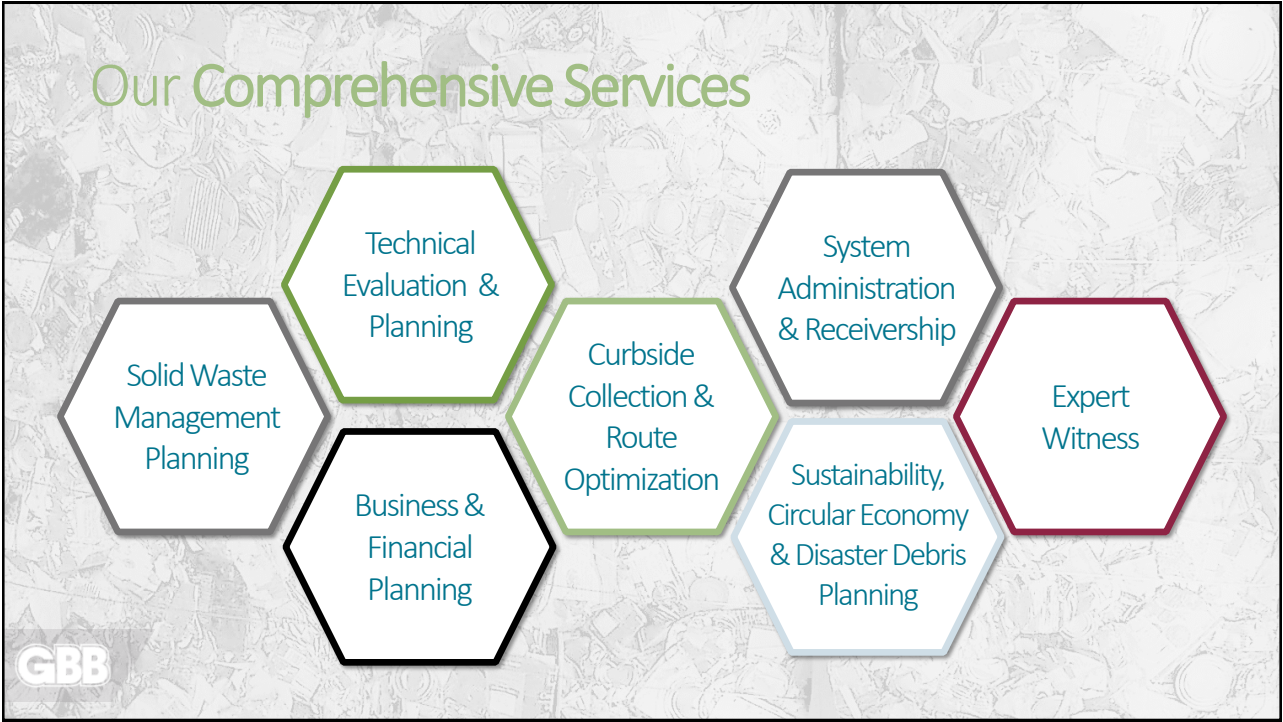
We believe in a world where discarded materials are used as resources rather than wasted – for the benefit of communities and the environment.



 <p><b>Communities</b></p> <p>We are guided by our principles of quality, value, ethics, and results to help communities of all shapes and sizes.</p>	 <p><b>Environment</b></p> <p>We believe effective management of solid waste is an imperative that directly affects our planet- both today and far into the future.</p>	 <p><b>Circular Economy</b></p> <p>We see solid waste as a valuable resource that can be creatively managed while protecting our planet and society.</p>
--	--	--

5

## Our Comprehensive Services



- Technical Evaluation & Planning
- System Administration & Receivership
- Curbside Collection & Route Optimization
- Expert Witness
- Sustainability, Circular Economy & Disaster Debris Planning
- Business & Financial Planning
- Solid Waste Management Planning

6

## Solid Waste Management Plans are a...

- Roadmap for growth
- Teaching tool for elected officials
- Budgeting tool
- D All of the above



7

## Mama Said You Have To:

o o o

Title 44 - HEALTH

CHAPTER 96

South Carolina Solid Waste Policy and Management Act

8



Americans send 4.5 lbs of 'waste' to landfills or Waste to Energy plants daily.

9



## A.I. says Solid Waste Management Helped End The Plague:

The Black Death was spread by fleas on rats that thrived in filth. By the 14th century, cities began to implement weekly garbage collection to remove waste that harbored these vermin.

10

## Pros and Cons

### Cons:

- Short-Term Cost
- That's about it. Maybe Public Hearings



11

## Pros

- Long-range guidance for public, staff and elected officials
- Improved relationships with private sector haulers and processors
- Ownership
- Educated Local elected Officials
- CYA for future conflicts
- Guides future infrastructure siting
- Houses disaster debris management plans

12

# SWMPs Typically:

- Cover 10 -20 years
- Document Disposal Capacity
- Detail Waste Diversion strategies

13



14

## I like S.C.'s

### Lots of Details Required:

- (These are minimum standards)
- Estimate amount and types of waste, current and future
- Analysis of current and future needs, with costs to implement
- Recycling Coordinator
- Public Education Program
- Demonstration of Need

15

## Demonstration of Need

Required for S.C. plans, and many other states

SECTION 44-96-50.State solid waste management policy and goals

(E) No permit to construct a new solid waste management facility or to expand an existing solid waste management facility may be issued until a demonstration of need is approved by the department.

16

## Waste Diversion

### Reduce

Education to limit food waste  
Repair Café's  
Budget to promote these programs – put it in the plan

### Reuse

Tool libraries  
Teacher Reuse Stores  
Budget to build / staff / equip / promote these programs – in the plan

### Recycle

It still works  
Education budget – put it in the plan  
MAINTENANCE budget – put it in the plan

17

## Waste Reduction Recycling

Document Current Practices



18

# Waste Reduction Recycling

Document Current Practices

Plan for Growth, Disruption, Repairs



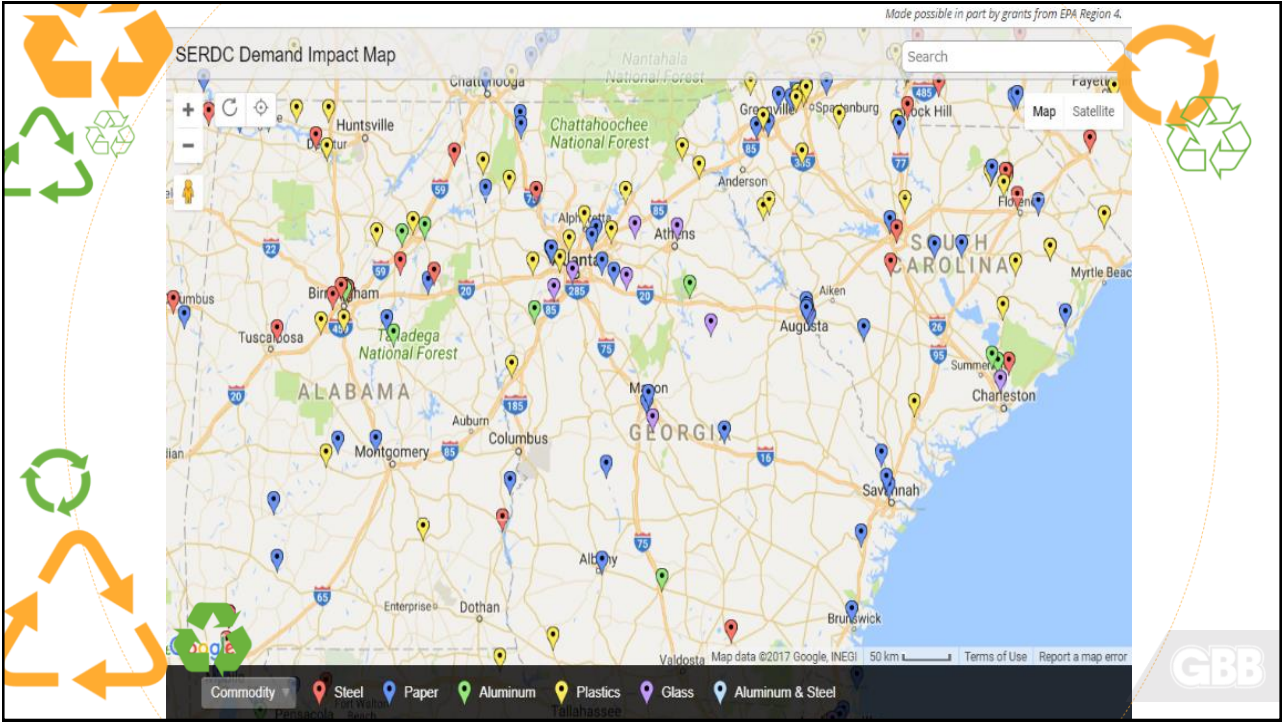
19

## Demonstrating the Need for Recycling Education

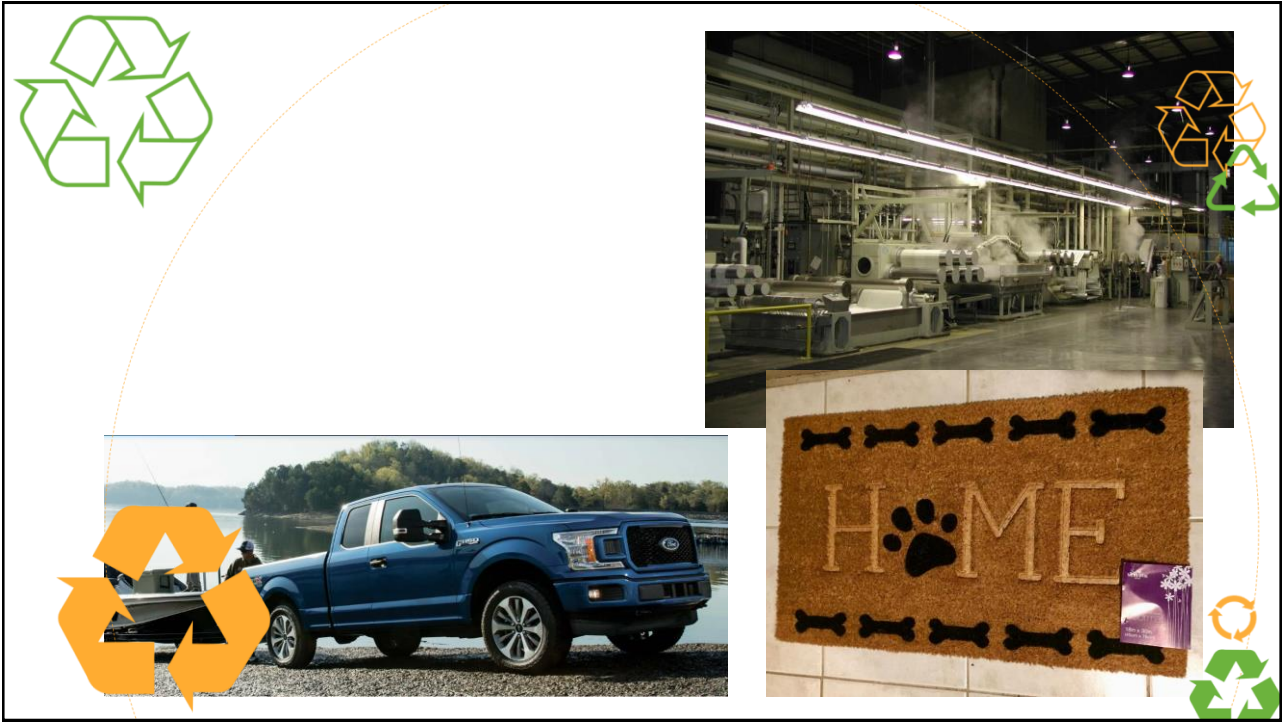


GBB

20



21



22



23

# CHaRM

Collect all the weird stuff for recycling or disposal, in one place, more frequently

### Start Small, low cost

- Plastic Bags and stretch wrap
- Electronics (certified vendors)

### Add carefully, with grants

- Styrofoam™
- Batteries
- Tires
- HHW
- Paint
- Programs
- Tool libraries
- Repair Cafés

### Don't Promote what you Can't Pay For

- Budget for rapid growth
- Prepare to deal with the public
- Enjoy dealing with your recycling 'choir'

24



25



26



27



28

# Food Scraps Diversion

## Public Drop-offs

Including your new CHaRM

## A.S.P.

A low-impact way to start composting

## Try a small pilot

Government buildings, schools, churches

## Food rescue

You won't get sued.  
(Look up the Bill Emerson Good Samaritan  
Food Donation Act)

29



Remember – Food Scraps are a top ingredient in modern American landfills. Your community is likely already processing woody debris. Figure it out, and put it in the plan.



30

But if you Try Sometimes,  
you Get What You Need.

*"I think a lot of (counties) don't realize, their plan is a stronger tool than they give it credit for."*

– Sally Williams, SC DES



31

## Questions & Answers

*Thank You!*



**Joe Dunlop**  
GBB Project Manager  
(703) 559-1114  
[jdunlop@gbbinc.com](mailto:jdunlop@gbbinc.com)

*"I firmly believe that sound materials management and waste diversion strategies are key solutions to many of our environmental and economic challenges."*

32