







Functions: Collection Transportation Processing Disposal Waste Streams: Municipal Solid Waste (MSW) Construction & Demolition (C&D) Batteries, Oil, Paint, Anti-freeze, Electronics (BOPAE) Household Hazardous Waste Organics/Food Waste Tires

5



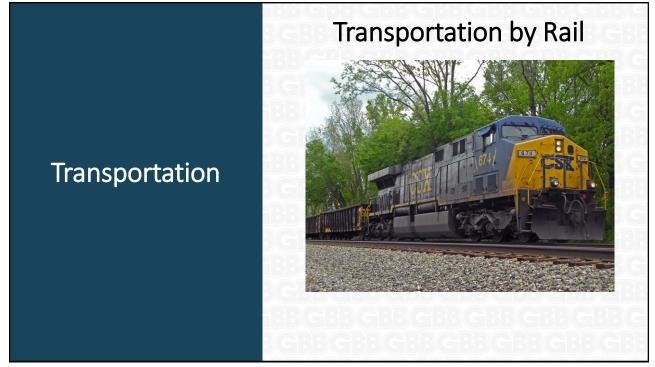
What to do when the nearest landfill reaches capacity? When should we change what we are doing, because we know changes are coming? How to increase diversion from landfills? Who do we depend on when we can't manage using our own resources? Where do we get money to support operations?

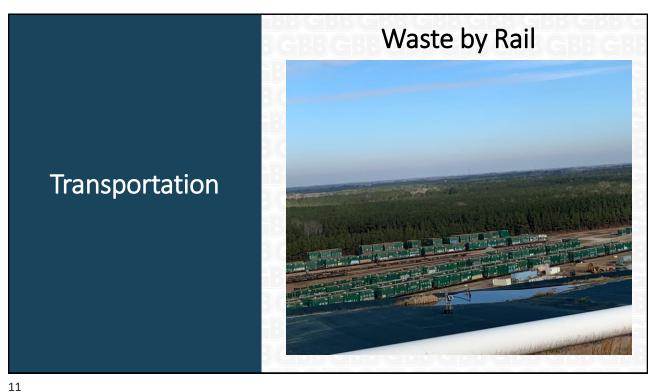
Collection

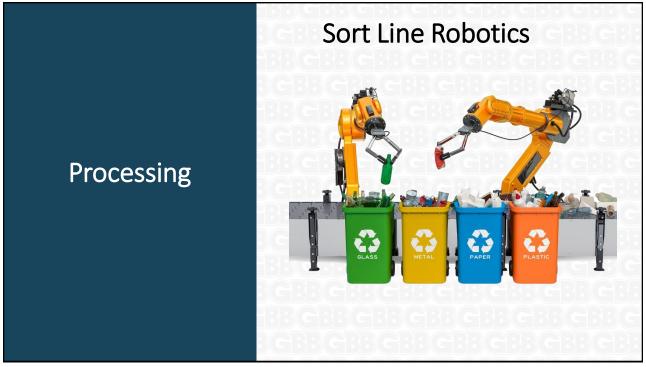
Collection

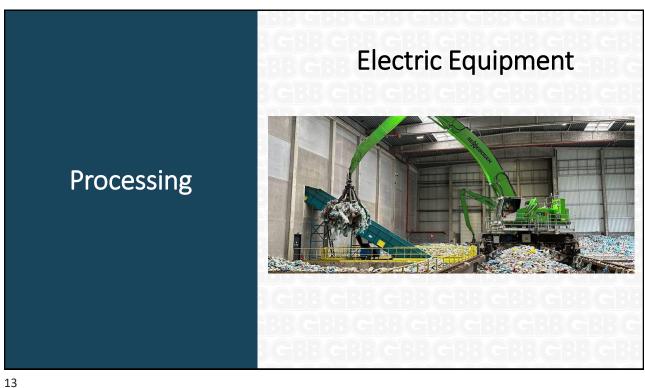
Dual Purpose Collection Trucks





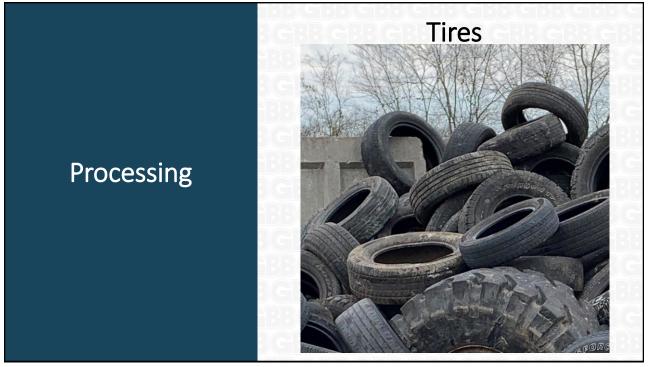




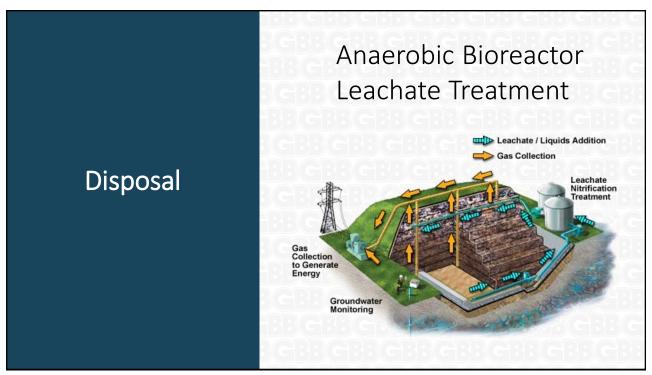












Municipal Solid Waste (MSW) Waste Streams: Municipal Solid Waste (MSW) Construction & Demolition (C&D) Batteries, Oil, Paint, Anti-freeze, Electronics (BOPAE) Household Hazardous Waste Organics/Food Waste

19

What materials make up the MSW (waste characterization) in your community? Are there any materials that can be separated from MSW that have outlets for recycling? Are there commodities that are in high demand that you can separate from your MSW? Is there a manufacturer in your area that might need some materials that you can separate from your waste stream? If yes, what condition does the material need to be in to satisfy the needs of the manufacturer?

Construction & Demolition (C&D)

Are you mixing C&D materials with MSW?

Is there a positive economic way to separate C&D materials from MSW? If yes, is there an outlet for clean wood waste, gypsum drywall, concrete, shingles, etc...?

Will a concrete plant take demolition concrete to pulverize back into a material they can then mix into new batches of concrete in place of gravel?

Could shingles be pulverized and mixed into asphalt?

Clean wood waste – mulch, or feedstock for a pyrolysis system to make biochar?

Gypsum Drywall – processed to become soil amendment, pulverized to be used in manufacture of new drywall.

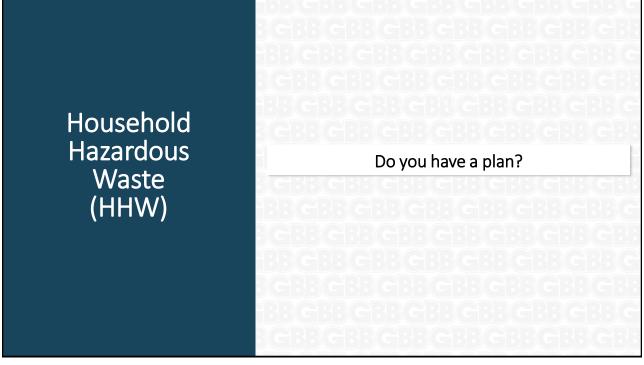
21





Batteries, Oil, Paint, Anti-Freeze & Electronics (BOPAE) Batteries Lithium Ion Electric vehicles

23

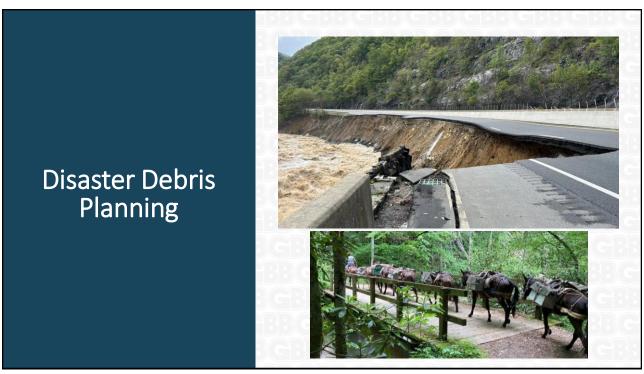






Data Collection Information Gathering Community Input Budget Forecasting Software Advancing Technologies Fleet Features Tell Your Story...

27



Thank You!



Becky Caldwell, MBA, SC GBB Project Manager (615) 979.3119 bcaldwell@gbbinc.com www.gbbinc.com

"This industry has a greater effect on us, our children and our grandchildren than any other. It has always been my goal to ensure we find ways to efficiently and economically leave it in a much better position than it is today."