

Alabama Recycles Panel: Successes & Challenges Across the State



S. Scott Story
Operations & Compliance Manager

Current Facilities & Programs



MSW and C/D Landfills



Waste-to-Energy Facility



Residential Curbside Recycling Program



Household Hazardous Waste Drop-Off Facility



Very Small Quantity Hazardous Waste Generator Program



Ferrous & Non-Ferrous Metals Recovery Program



White Goods/Scrap Metal Recycling Program



Clean Concrete Crushing Program



Clean Green Waste Grinding Program

Recycling Alliance of North Alabama Curbside Recycling Program

Michelle Williams
Special Projects Coordinator

MWilliams@swdahsv.org

256.880.6054

- Previous Program (1990-2019)
 - 16-gallon open bins
 - Weekly collection
 - Service area limited to single-family homes in City of Huntsville, City of Madison and densely populated areas in Madison County
 - 42,000 customers (July 2019)



- RANA Program (2019 to date)
 - 95-gallon rolling carts
 - Monthly opt-in collection
 - Service area is all single-family homes in all of Madison County and City of Huntsville (800 mi²)
 - Currently over 88,000 customers (70% participation rate) with approximately 12,000 customers having a 2nd cart.
 - ADEM Alabama Recycling Fund Grants has funded \$1.2M to assist with initial cart purchases.



Since 2019, RANA has collected approximately 42,000 tons of recyclable material which equates to right at 8,500 TPY.

Current Challenges

-No local MRF so collected material is shipped to Chattanooga for processing.

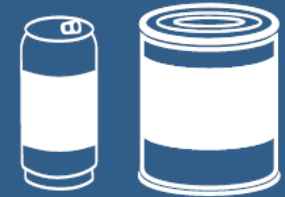
-2023 Waste Characterization Study shows a 12% contamination rate.

PLASTIC BOTTLES



#1 and #2 Narrow Neck Bottles ONLY

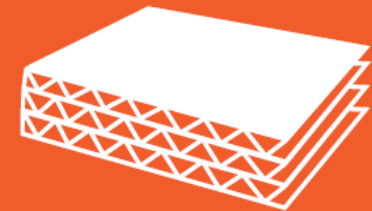
ALUMINUM & STEEL



PAPER

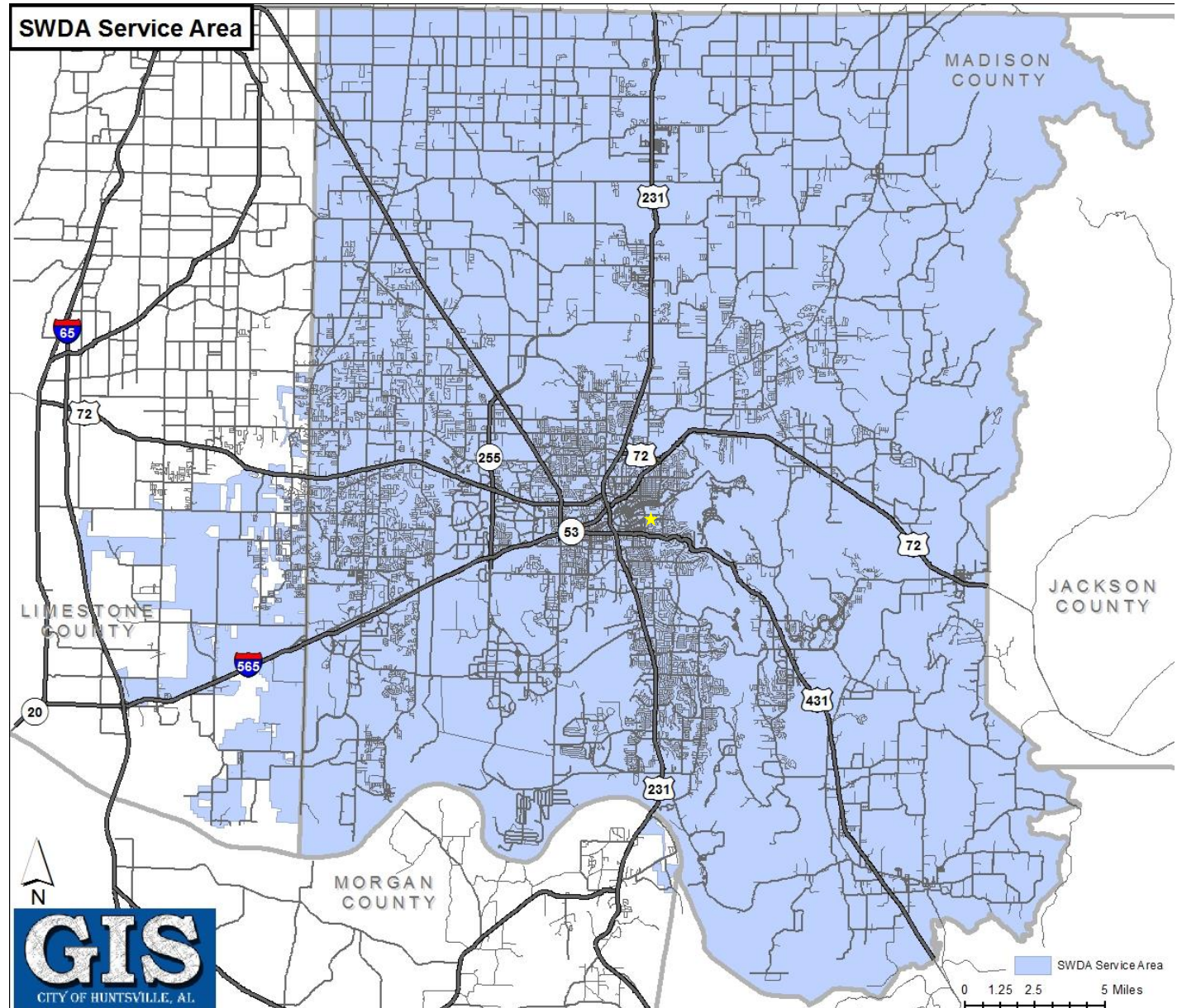


FLATTENED CARDBOARD



Future Goals:

- Local MRF
- Improve routes that are no longer balanced & optimized due to uneven growth
- Add drop-off sites for multi-family & commercial customers
- Increase volunteer participation



- Previous Program (1992-2019)
 - First Saturday drop-off program at the landfill
 - Limited to residents in City of Huntsville, City of Madison and Madison County
 - 366 total customers (1992)
 - Upwards of 700 customers a month (2019)

- Current Program (2019 to date)
 - New 30,000 ft² facility opened in March of 2019
 - Operating hours are Monday-Friday from 7-5.
 - Limited to residents in City of Huntsville, City of Madison and Madison County
 - Currently, averaging approximately 60 customers/day (1,800/mo)



HHW Current Programs



**Used Oils &
Transmission Fluids**



Lithium Batteries



Vehicle Batteries



Mercury Light Bulbs



**Oil-Based and Latex
Paints**



Electronics-TVs



Electronics-Computers



**Chemicals-Acids &
Bases**



Drum Storage



Average Monthly HHW Collection

Electronics	25 tons
Pesticides	3 tons
Batteries	8 tons
Flammable Liquids	5 tons
Corrosive Bases	1500 lbs.
Corrosive Acids	700 lbs.
Used oils	3000 gal.
Paint Recycled	300 gal.





Thank you and if you have further questions or would like to tour our facilities, please contact me.



S. Scott Story
sstory@swdahsv.org
(256) 880-6054