

# Managing Special Wastes With Cost Saving Solutions



Gaston County  
Solid Waste and  
Recycling Division



# Background

- Landfill opened in 1987
- Total site approximately 350 acres
- MSW and C&D accepted



# ADC Options

- Staff started exploring options in 2009
- Running low on dirt and looking for cost and time savings
- After consideration....staff decided on Posi-Shell

# Posi-Shell and Latex Paint

- County owns and operates a permanent Household Hazardous Waste Collection Facility.
- Currently hold 4-5 collection events per year.
- Historically disposing of 100,000 lbs of paint per year.

# Posi-Shell and Latex Paint

- Benefits in application
  - Increasing viscosity, density and opacity (more effective and durable cover)
  - Waste paint replaces Portland cement mixture (cost savings)
  - AIRSPACE

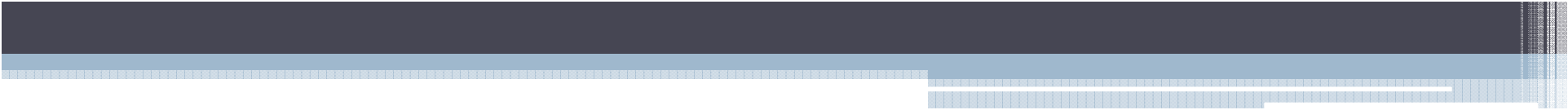
# Posi-Shell and Latex Paint

- **Benefits to HHW program**
  - Reduced volume of paint coming in to collection events (accepted at the landfill 6 days a week)
  - Reduced costs by not having to manage this waste stream as part of HHW program. Current year we collected 40,000 lbs for use in ADC.
  - Possibility of opening collection up to local businesses for paint.

# Operation Medicine Cabinet






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- **CWWRG: Purchase of 6 storage containers, signage, scales, and brochures distributed to pharmacies, medical offices, nursing facilities, senior centers, etc.**
  - **Collection boxes located in Police Department facilities throughout the County.**
  - **Available to the public 24/7**

# Mercury



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- **Mercury Grant:** Used towards the purchase of metal building, mercury spill kit, signage and shipping boxes.
  - **Accepting lamps, thermostats, and thermometers.**
  - **Education for residents, small businesses and government buildings.**
  - **Reduction in HHW collection costs.**

# Biodiesel Collection



- Partnership with Gaston County Schools.
- Collection offered at all Convenience Sites, Landfill and during special collection events

# NC Department of Agriculture Pesticide Disposal Assistance Program



# Questions???

Marcie A. Smith

[marcie.smith@gastongov.com](mailto:marcie.smith@gastongov.com)

704-922-0267



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