

2011 Glass Recycling Stakeholders Meeting Presentation of “Glass Study” May 31, 2011

Ohio Department of Natural Resources
Division of Recycling & Litter Prevention



2011 Glass Recycling
Stakeholders Meeting
10:00 a.m. to 12:00 p.m.
May 31, 2011
Agenda

- ▶ Welcome by Ted Lozier, Chief of the Division of Soil and Water Resources and the Division of Recycling and Litter Prevention.
- ▶ Introduction of Meeting Participants (All)
- ▶ Background and Purpose of “Glass Study” by Terrie TerMeer, Deputy Chief, Division of Recycling and Litter Prevention.
- ▶ Webinar Presentation of “Glass Study” Data, Findings and Recommendations by Ted Siegler and Natalie Starr of DSM Environmental.
- ▶ Questions (All)
- ▶ Discussion (All)
- ▶ Summary and Next Steps (Deputy Chief TerMeer)



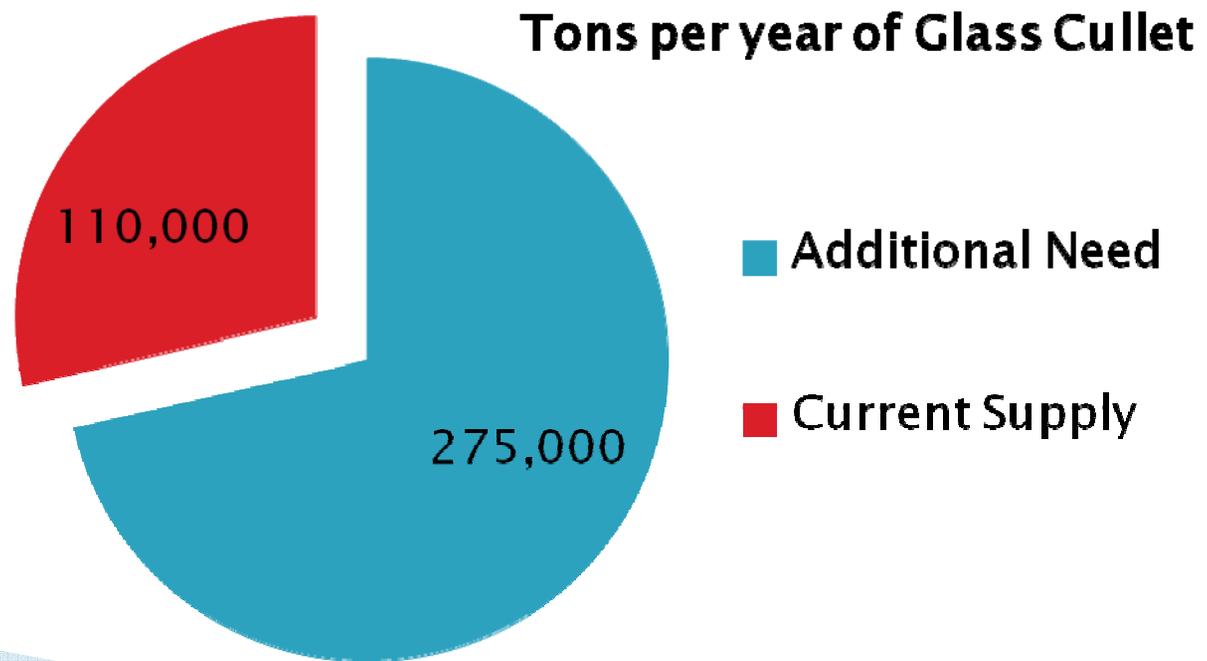
Self Introduction of Participants

- ▶ Name
- ▶ Organization
- ▶ Tell us a little about your interest in glass recycling.....



Background and Purpose of “Glass Study”

Overarching Goal: “.....simply improve connections between those having glass and those needing glass.”



Source: ODNR 2011 Glass Study

“Ohioans send to landfills most of glass containers produced”



- ▶ Ohio has huge capacity for glass recovery.
- ▶ Recovered post-consumer glass is vital to several of Ohio's core manufacturers.
- ▶ Appears to be a disconnect between the perceived and actual value of recovered glass markets.
- ▶ Glass continues to go to landfills primarily due to inefficient system for collection and processing.
- ▶ This is not an environmental problem....it is a logistics problem.
- ▶ The solution lies in efficient supply chain and network formation....thus the "Glass Study" was commissioned.



Division Engaged DSM Environmental to Perform “Glass Study”

- ▶ Supply of Discarded Material
- ▶ Primary Factors Affecting Supply
- ▶ Projected Supply
- ▶ Current Demand for Ohio Cullet
- ▶ Projected Demand for Cullet
- ▶ Collection Systems/Strategies
- ▶ Processing Systems/Strategies
- ▶ Primary Barriers to Material Supply/Demand
- ▶ Strategies to Overcome Barriers



Webinar Presentation by DSM Environmental

Ted Siegler and Natalie Starr

www.ohiodnr.com/recycling



Questions for DSM?



Discussion



Next Steps.....some ideas

- ▶ Attack low lying fruit.....the kind you trip over.
- ▶ Continue and expand pilot projects such as:
 - Marion County
 - Hamilton County Solid Waste District
- ▶ Make smart and cost-effective glass collection a priority in 2012 market development grants...recognizing that collection is critical part of supply chain driving the glass market.
- ▶ Form and nurture a “Glass Recovery Network” so that collaboration can continue from this day forward across the State of Ohio.



Some final thoughts....

- ▶ Using recycled glass costs less than using raw materials by reducing energy demands.
- ▶ Implementing strategies that strengthen glass recycling programs across the state can create a competitive advantage for Ohio manufacturers.
- ▶ The Division will work with all industry stakeholders to help establish infrastructure needed to help turn the valuable glass cullet away from landfills and back into jobs for Ohioans.
- ▶ Recycling glass is good public policy and good business.
- ▶ Let's leave here today and pledge to work together to turn that 90:10 ratio around to 10:90.
- ▶ Going forward, recycling more glass represents an opportunity to begin systemic positive change that will be felt throughout our economy and communities.

