Content of presentation: Gypsum Wallboard

- Status of wallboard recycling
- Opportunity
- End markets
- Compliance and regulatory drivers
- Here to help
- New Facility – #10 Pullman Street– Worcester, MA
Wallboard Recycling in New England / NY / NJ

Mass: New Wallboard Recycling Plant – Worcester, Ma
NH: 3 collection points (LL&S / Errco / Bow)
ME: Haulers (Shipyard Waste)
VT: Solid Waste Districts / Suppliers
RI: RIRRC and Vinegro
CT: VRF’s & Haulers getting on board (no pun)
NJ / NY: Cardella and Bayshore

New Plant / Features:

Mobile equipment
Rail access / Scale on site
Worcester, Ma – Central location – 7 Major Highways
Space for expansion and blending of materials
Opportunity meets Action

OPPORTUNITY:
• 20-30k tons of recyclable board waste in CT
• 150k tons available in New England / 250k tons NY-NJ
• Establishing a collection network
• Brand new mobile processing equipment

ACTION: Flexibility
• Focus on generators
• Incentivize haulers & processors – make it easy
• Reduce Tipping fees by increasing end market pricing
• Create consistency and market awareness
• Get Municipal Transfer stations involved (SSRC)
Strong End Markets

• End markets can easily absorb 100% of recycled gypsum in the marketplace

Standard Outlets:
• Wallboard manufacturing plants
• Portland Cement plants

Alternative – Developing Markets
• Soil Treatment
• Recycled content additive to many industrial products
• Agricultural amendments
Compliance / Regulatory Drivers

- In Mass - Disposal Ban is now being policed
- DCAM – First State Agency to adopt Source Separation  
  *Support from AGC and ABC
- USGBC – Audit the LEED and c&d recycling data  
  *Checks and balances
- Architects – Wallboard Recycling in Specifications
- Manufacturers – Recycled content incentives
- Railroad owners / out of state landfills - pressure
Mixed C&D containers is the mainstay – wallboard is lost

Processing facilities – sorting systems not made for wallboard

Container weight example:
- 30yd mixed c&d rolloff: $550 weighs 3.5 tons
  $157 cost per ton
- 30yd mixed rolloff minus wallboard = 1.5 tons
  $367 cost per ton

Paying for disposal whether intended or not
New Facility and Business Approach

#10 Pullman Street – Worcester, Ma 01607

• Mass DEP General Permit (replaces DON)
• 250 Tons Per Day to begin
• Central to 7 major highways
• Scaled facility with plenty of room to maneuver

• Accepting several streams of source separated materials
  - wallboard / asphalt shingles / carpet / tires / plastics

• Soil Solutions – using proprietary blends to treat soils
  impacted with heavy metals and other contaminants

• Rail Logistics – Bring us your materials for rail transport

• Waste Consulting – Let us find a market for your wastes

• Alternative markets – On the hunt for new & emerging markets
Business Partners – Local Ownership

- Patrick Manning – Materials Management
  15 years C&D management

- David Quelle - Soil Solutions / Waste Management
  22 years materials experience – soil treatment expert
Thank you.

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