

Gypsum Wallboard (GWB) Recycling Group
Meeting Notes
January 19, 2010

Present: Louis Ionta, John Pizzimenti, Vincent Mastriano, Kevin Tredinnick, Michael Barbour, Melissa Maciag, Keith Santos, Tom Armstrong, Sherill Baldwin

Phone: Kevin Drew, Matt McKinney, Patrick Manning, Don van Rhyn, Buzz Surwilo

1. Kevin Tredinnick, Whiting-Turner

Overview – separation out of the building

Challenges – ensuring all parties know – from their staff, to subcontractors all the way to all the different haulers..

Discussion:

- Kevin – his sheet rock contractor is responsible for filling the covered 30 yard roll-off
- -ceiling tiles – palletized – gypsum tiles/Armstrong – do test first to determine no asbestos - tiles are tough – lack full loads (30,000 sf) – so they hooked up with local/regional Armstrong ceiling tile collector
- Patrick – GRA will accept gypsum tiles (no asbestos) with their sheetrock
- La Farge will too
- Where can you find out about local/regional Armstrong ceiling tile collectors?
 - 5 in Connecticut – check out Armstrong’s webpage
- Kevin – hard to include tiles with gypsum wallboard (GWB) – they are at 2 different stages for the project – ceiling tiles at demo stage – GWB at new construction stage

2. Matt McKinney

Lots of opportunities for use including land application – farms are taking and applying processed gypsum to their fields

BUDs (beneficial use determinations) in PA and ME – allow for land application

-in one case, he’s working with a farm that received a BUD - the wallboard goes straight to farm and put through a woodchipper (Bar Harbor, ME)

GRA – example of a ‘traditional’ market – needs to be dry – stacked on pallets or covered roll-off

Non-traditional markets – dry or wet; pallet or not; BUD

Look for backhauling opportunities

Wood chips come south from the north – could they head back with GWB for recycling?

Drywall subcontractors – why can’t they put dumpster on their site and store GWB until they get a full load for recycling?

Discussion:

- Does Babylon sort out 'clean' gypsum for recycling from the mixed loads? John says no
- Palletized material – why send this for recycling –why not consider reuse of these uniform scrap pieces? Matt says their too small – not good for construction – if you're getting good pieces, you don't have a good contractor.
- Mixed debris from construction site – 4Tons/load (incl gypsum) est. \$475
- Source separated gypsum – expect to get 7 tons/load – \$445 - less loads, more savings with transport – densify the loads – can make one less trip
- Calculating green house gas emissions:
 - [EPA's WARM Model](#)
 - [Wisconsin Waste Cap, C & D Resources](#)
 - WRAP report (article) Global Gypsum Magazine, May 2008 – attached to CT DEP's Gypsum Wallboard Recycling page, not a hyperlink

3. Future of this group – should we continue to meet? Discussion

- Speakers to talk about Ceiling tiles – no one thought this was a worthwhile effort – working with Armstrong and/or recycling with gypsum is straight forward
- Department of Ag – will they allow for land application of processed gypsum, whole wallboard? What about composting the gypsum? What about mixing gypsum with manure – would it help with manure management issues?
- We need a processor in CT
 - Why won't the mobile units work – from GRA?
 - Solid Waste encourages folks interested in trying a mobile unit to apply for a solid waste demonstration permit – this is innovative
 - What will air bureau say ?
 - Could we discuss this further next meeting? Sherill said she'd look into bringing others from the Agency in to fully discuss permit requirements
- How to quantify carbon off-sets?

4. Announcements:

- a. EBC – C & D Debris seminar in Framingham, Jan 28th
- b. Patrick Manning, GRA – will be speaking a Lunch and Learn in Stamford March 18th
- c. MRN submitting a proposal to BMRA to host DECON'11 – if accepted, conference will be in New Haven, CT April 2011

5. Next Meeting: Thursday, February 25th – 2pm, EST

CT DEP Main Headquarters, 79 Elm Street, Hartford - Conference Room 4B