

Midwest Summit Follow-up Projects

Southeast Industrial By-Product
Beneficial Use Summit

November 2003



Midwest Summit

Chicago (8/02)

- 120 attendees from 10 states and 9 industries
 - Notes at <http://www.ncasi.org/summit.html>
- 6 projects initiated at follow up meeting (1/03):
 - Plan summit in southeastern U.S.
 - Launch demonstration projects
 - Develop web resources/info exchange network
 - Conduct outreach and education
 - Measure impacts of initiatives
 - Draft a ‘Statement of Principles’ and establish standards for beneficial use
- Workgroups established to implement projects



Southeast Summit

- A collaborative effort
 - Under development since June in coordination with states, industry, academia
 - Topics, speakers, case studies, discussion sessions agreed to by consensus
 - Over 25 case studies submitted (handout)
- See you next year?
 - Transition to private management (Waste News)
 - Hold next Summit in St. Louis or Kansas City
 - Late 2004 or early 2005



Southeast Summit

- Thanks to organizing committee participants:
 - Chuck Boelkins, GADNR
 - Elizabeth Olenbush, FIRST, Inc.
 - Karen Owens & Ted Campbell, SCDOC
 - Glen Stout, Waste News
 - Dr. Bill Thacker, NCASI, Inc.
 - Mark Williams, MSDEQ
 - Ray Moreau & Gene Jones, SWIX
 - Matt Ewadinger, NCDENR
 - Tom Jansen, We Energies
 - John Sager & Jerry Newsome, U.S. EPA HQ
 - Dr. Tarunjit Butalia, OSU



Southeast Summit

- Thanks to sponsors:
- **American Coal Ash Association Educational Foundation**
 - Boral Material Technologies
 - Charah Environmental
 - Cinergy
 - Sphere Services
 - We Energies
- **Foundry Industry Recycling Starts Today (FIRST)**
- **ISG Resources, Inc.**
- **Synagro**
- **Waste News**



Demonstration Projects

- Address barriers to increased market acceptance
- Workgroup reviewed solicitation
 - 8 Proposals received and reviewed by EPA
- 3 projects awarded in FY03:
 - Foundry Sand Workshop for Highway Engineers, FIRST, Inc.
 - Beneficial Use of FGD Products for Extending No-tillage to Clay Soils, Ohio State University
 - Alternative Landfill Cover with Paper WWTP Residuals, NCASI, Inc.
- Many other projects ongoing as well
 - Please share information on projects



Information Exchange Network

- Electronic list serve established 3/03
 - To discuss and exchange info on beneficial use
 - 47 members
 - 18 Gov
 - 29 Industry
 - Open to anyone
 - Not much traffic so use it or lose it!



Outreach and Education

- A dozen presentations
 - ACAA, TAPPI, FIRST, GLBMA, SSWMB, MACREDO, MACRO, RCRA National Mtg, MORA, IRA, etc.
 - Always seeking more venues, strategic audiences
- Technical Paper authored by Bill Thacker
- Powerpoint presentation, talking points and paper are available for others to use (hint!)



Statement of Principles & Standards

- Industry – Agency workgroup developed
 - Copy in handout
 - Not legally binding or enforceable, mostly symbolic
- 4 primary components
 - I. Basis (general statements)
 - II. Principles (approach to projects, applications)
 - III. Policy Recommendations (for states)
 - IV. Signatories
- Please consider signing during Summit



Beneficial Use Standards

- ASTM E50.03
 - Primary focus is CCBs
 - Open to considering beneficial use standards for various materials
 - Please consider joining subcommittee
- Inventory current standards in existence
 - NCASI / RMT Project
 - “Identification and Review of Material Specifications, Performance Standards and Technical Guidance”



Measure Impacts

- Baseline generation statistics for foundry, paper and coal combustion industries
 - Based on industry reports
- EPA seeks to establish partnership to document beneficial use and diversion from landfilling
 - Individual, group of facilities
 - Industry as a whole



Thank You

Many of you have contributed significant time and effort into this Summit and the follow-up projects. EPA sincerely appreciates your time and efforts and will continue adding value to state and industry efforts to increase beneficial use.

