

*NAWTEC 12 Panel Abstract*

**Practical Applications for Ash Reuse**

This panel session reviews a topic of long-standing interest and importance to the municipal waste combustion industry; how can some or all of the ten percent (10%) by volume of incoming material that remains after municipal solid waste is combusted be productively reused? This panel will address various reuse related topics, including but not limited to the following:

- Pinellas County, Florida hosts a regional program where recovered ferrous metals from municipal waste combustors are shredded and recycled; an overview of experiences, economics, and logistics will be presented.
- The Pennsylvania Department of Environmental Protection (PADEP) will discuss the technical and regulatory background behind a September 2003 Consent Decree entered with American Ash Recycling for removal of residual materials in York County, Pennsylvania.
- The City of Tampa has short-listed two (2) companies for what promises to be a precedent-setting ash reuse program; a status report will be given.
- SUNY Stony Brook's Waste Reduction and Management Institute's work on two demonstration programs using processed MWC ash (using processed MSW combustor ash in both cold mix asphalt and construction quality cement blocks as well as a concrete block demonstration program) will be discussed.
- Florida Department of Environmental Protection's (FDEP's) multifaceted program to address municipal combustion ash residue beneficial use determinations, ash regulation changes, and its analysis of statewide total metals data will be reviewed.

What will one get from attending the session? At the end of the MWC process, there is ash and metal. Anything that can be done in an environmentally responsible way to reduce the amount of material that is simply landfilled is worth considering. Like MSW, ash may truly be considered a renewable resource, but only if a productive and economically competitive reuse is found. This session takes a pragmatic look at the state of practice, some of the successes, some of the failures, and some of the strategies being pushed as "cutting edge" research into ways to increase productive reuse of ash residue.

Panel members include the following experts on the subject:

**Robert Hauser, Jr.**, Solid Waste Operations Manager: Pinellas County Utilities

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Pinellas County Florida takes in metals from WTE facilities region wide, processes it and sells it. Bob Hauser - a 30 year professional consultant with CDM will address the challenges of the current contract arrangement - and operational challenges