

2008 PEP Environmental Stewardship Awards

2008 PEP MEMBER AWARDS

Ciba Corporation

Ciba's new wood gasification steam boiler at their McIntosh Site will provide Ciba with 20% of its steam needs using locally gathered wood waste from the timber industry. By using this renewable energy source Ciba will reduce its natural gas use by at least 500,000 MMBTU. This project pushes the Ciba McIntosh plant past Ciba's corporate goal of reducing reliance on fossil fuels and increasing renewable energy use by 10% by 2009.

Barry Steam Plant

Barry Steam Plant has participated in Alabama Power's *Renew our Rivers* program since 2004. Employees and volunteers have removed close to 30,000 pounds of trash from the Mobile River. *Renew Our Rivers* is one of the Southeast's largest organized river-system cleanups.

Evonik Degussa

Evonik Degussa's recent waste minimization project exemplifies how a cooperative effort among multiple departments and companies can minimize waste and increase revenue. Through this project, Evonik has converted millions of pounds of material, which were originally being incinerated or land disposed into clean energy and raw materials: 5.4 million pounds of TBA solution, previously incinerated are now being used either as clean energy (not fuels blending) or as an octane booster for automotive fuel. Plus, fuel utilized by the trucks transporting the TBA was reduced by 70% due to the proximity of the companies. Evonik diverted 1.3 million pounds of ammonium chloride from landfills to a company who utilizes it in their fertilizer production. Just these two examples saved Evonik more than \$750,000 in 2007, and also reduced their waste disposal amount by 6.7 million pounds.

White-Spunner Construction

White-Spunner Construction, Inc. is building the first commercial building in Mobile under LEED (Leadership in Energy and Environmental Design) guidelines, a voluntary, consensus-based national standard for high-performance, sustainable buildings. The LEED or Green Construction costs were only an additional 5%. White-Spunner expects to recoup those costs within 5 years from 18.5% annual savings in energy costs and 50% annual savings in water costs.

Berg Spiral Pipe

Berg Spiral Pipe Corporation is building a new 200,000 ton per year plant to manufacture and coat high quality large diameter spiral welded steel pipe for the North American gas pipeline market. Instead of locating the plant on a new Greenfield site, Berg elected to locate their facility on the brown-field site previously occupied by the International Paper mill. The project was constructed with the latest storm water management practices and over 50 live oak trees were added to the landscape. This award recognizes the entire project team for their insight into the potential of this site and the willingness to overcome the legal and financial obstacles which often prevent the re-use of old industrial properties.

2008 Community Partner Awards

Captain David Yeager and Dr. George Crozier

Captain David Yeager Before becoming Director of the Mobile Bay National Estuary Program, Captain Yeager served a distinguished 29-year career of science and national service as a commissioned officer in the National Oceanographic and Atmospheric Administration (NOAA). Retiring as a Captain (O-6), David led mapping and charting surveys and oceanographic expeditions throughout many areas of the world, as both crewmember and commanding officer of several of the nation's most advanced research vessels. As Director of MBNEP, Capt Yeager maintains and promotes wise stewardship of water quality and living resources of Mobile Bay and the Delta through the development and execution of a Comprehensive Conservation and Management Plan.

Dr. George Crozier Dr. George Crozier has dedicated most of his professional career to the protection and enhancement of the Gulf of Mexico. He is director emeritus of the Dauphin Island Sea Lab and internationally recognized for his expertise in coastal zone ecology and management. Dr. Crozier received NOAA's *Walter B. Jones Coastal Steward Award* for 1999/2000 and has been honored by the State of Alabama as a science educator. As a senior consultant for the Bellwether Group, he is currently deeply engaged in the issues emerging from urban sprawl in coastal areas and mitigation thereof.