

MATERIALS RECYCLING FACILITY, SOLID WASTE AUTHORITY West Palm Beach, FL



In early August, WBCM began the design of a new Combined Residential and Commercial Materials Recycling Facility (MRF) in West Palm Beach, Florida. WBCM's architectural, structural, marine and industrial departments will all contribute to the facility design. The Solid Waste Authority (SWA) of Palm Beach County proposes to relocate the existing MRF as a result of accelerated demand for capacity at their Central Landfill. The existing MRF must be demolished, and the new MRF constructed and operational by July 2009.

The project consists of a 140,000 SF pre-engineered metal building to house the recycling process equipment. The facility will receive fiber (newspaper and corrugated cardboard) and commingled materials (aluminum cans, glass bottles, plastic bottles and containers) collected from existing SWA transfer facilities and local contractors. These materials will be segregated and bundled then trucked to respective manufacturers for use as raw materials for production.

WBCM is working for PCL Construction Services, located in Orlando, Florida, who will serve as the design-build construction manager for this project. WBCM's partnership with PCL has evolved over the past eight years through our work on various Lafarge Gypsum projects. This project represents our first major effort with PCL beyond the gypsum wallboard industry.

Besides the obvious attraction of working in West Palm Beach, we're looking forward to the prospect of entering into a growing market. The capacity issues experienced by the SWA of Palm Beach County are universal in the solid waste management community. The need for state-of-the-art recycling facilities and transfer stations is increasing as a result of public awareness and government recycling initiatives. WBCM hopes the success of this project will open new opportunities for similar facilities in the future.

Client: PCL Construction Services
Total Construction Cost: \$35,000,000
Project Size: 140,000 SF

**WBCM Services: Architecture, Structural
Engineering, Marine Engineering, Industrial
Process Engineering**