



“Live Load Service offers us a paradigm shift in how we manage our waste materials. Waste Management listened to our needs and together we developed this innovative program. It offers us expanded recycling options with increased handling efficiency and measurable cost savings.”

Eric Wolff, Manager of Environmental Systems for Norwegian Cruise Line

## Waste Management’s “Live Load” service arrives dockside just in time

Waste Management worked with Norwegian Cruise Line to launch the “Live Load” service model to meet the waste and recycling needs of all the company’s ships in the Port of Miami including its newest ship, the 4,500-passenger, Norwegian Epic.

The Norwegian Epic is twice as large, with twice the waste volume of any ship Waste Management was currently servicing. Instead of using multiple roll-off containers and multiple pick-ups, a more efficient semi-trailer with a side curtain is used to haul the residual materials. This new model captures numerous commodities with a single transport vehicle as well as provides a platform to further divert other commodity categories.

On board, waste materials are separated including glass, cardboard, paper, plastic, aluminum, steel, e-waste and dry waste. The materials are then sorted, processed, baled and placed on pallets which are loaded by forklift directly into the curtain side trailer which arrives dockside featuring “just in time service” on the same day and time every week.

The materials are delivered to Waste Management’s Reuter Recycling Center in Pembroke Pines, the largest single-stream recycling facility in the Southeastern United States. The recyclables are consolidated onto outbound trucks ready for market. The dry waste is sent to the firm’s nearby Wheelabrator waste-to-energy plant. “We are able to provide solutions for all of the ship’s solid waste needs including transport, recycling and waste-to-energy with zero landfilling of their waste,” said Reuter’s District Manager Mame Davis.

This process, which has never been done before in the cruise line industry, also benefits port operations by removing the waste immediately from the site, and offers better security from a border patrol standpoint.

The Waste Management service model is now being used for all Norwegian Cruise Line ships in the Port of Miami and has been successfully expanded to other ports including Boston, Canaveral and Tampa.

For more information on this and other ways Waste Management can help your company find cost savings through environmental efforts, please visit:  
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