

Rhode Island Resource Recovery Corporation
Central Landfill Tipping Facility
Johnston, Rhode Island



New Tipping Facility

Construction Cost: \$ 12,000,000.00

Owner:

Rhode Island Resource Recovery Corp.
65 Shun Pike
Johnston, Rhode Island 02919
(401) 942-1430

Architect:

TAMS Consultants, Inc.
655 Third Avenue
New York, NY 10017
(212) 867-1777 x457

Start: June, 2001

Complete: February, 2002

The Rhode Island Resource Recovery Corporation's (RIRRC) Central Landfill Tipping Facility solved some major problems associated with the facility that handles the bulk of the State of Rhode Island's solid waste.

Prior to the construction of the new 57,500 s.f. facility, trucks would frequently get bogged down in mud during wet weather conditions, resulting in lost time and equipment damage.

The project required some unique and complex construction techniques such as pouring a 16" concrete floor slab, constructing 26-foot tall counterfort piers, utilizing galvanized steel on all structural members of the pre-fab building, and a state-of-the-art odor control system. In addition, and unique to the State of Rhode Island, was the construction of a reinforced earth wall, due to the building being located on a ridge.



Main Tipping Floor with
Administrative Offices at Rear



New Loading Bays