



**Proposed Tremley Point
Connector Road**

*Plan view of the closed section of the
Carteret Landfill to be developed for
a warehouse distribution facility.
Proposed New Jersey Turnpike
Tremley Point Connector Road is
shown in yellow.*

Carteret Landfill

Carteret, NJ

Mueser Rutledge Consulting Engineers (MRCE) provided geotechnical engineering services in connection with closing a 66 acre section of the 116 acre Carteret municipal solid waste landfill. The site is surrounded by wetlands, the New Jersey Turnpike, and a Conrail alignment and is to become the future IPORT12 Warehouse Distribution Facility.

The subsurface investigation and landfill characterization included borings and test pits to develop geotechnical parameters for foundation design of a 1,250,000 square foot warehouse to be built on the site.

MRCE tasks include:

- ▶ Evaluation of deep dynamic compaction to improve engineering properties of the landfill waste
- ▶ Settlement analyses
- ▶ Pile design and structural slab analysis to support the warehouse structures
- ▶ Retaining wall design
- ▶ Slope stability analysis
- ▶ Barrier wall and collection trench analysis