

PROJECT DESCRIPTION

Hakes C&D Landfill Facility



Location:
Campbell, New York

Client:
New England Waste
Services of New
York, Inc.
4376 Manning Ridge
Road
Painted Post, NY
14870

Client Contact:
Mr. Joe Boyles
(585) 466-7271

Hakes C&D Landfill Cell 2 Construction - Summer 2002

New England Waste Services of New York, Inc. operates Hakes Construction & Demolition Debris Landfill Facility in the Town of Campbell, New York. MMCE has been providing ongoing hydrogeologic and geotechnical consultation at the Hakes Facility since it was acquired by New England Waste Services in 1998. MMCE has been involved in the construction of each landfill cell at the Hakes Facility. This involves analysis of static and seismic stability of the landfill slopes throughout the construction of the cells using soil strength and soil/geosynthetic interface data. Total expected landfill settlement and subgrade drainage system flow rates were also evaluated. MMCE provides construction monitoring services for each cell including:

- Soils borrow lab testing,
- In-place moisture density testing,
- Shelby tube sample permeability,
- Geosynthetic liner field and laboratory testing, and
- Construction monitoring report preparation.

Environmental services include:

- Development and updating of the hydrogeologic report,
- Analysis and implementation of a surface water sediment control plan,
- Preparation of a landfill reclamation plan describing excavation of waste from an unlined area, and environmental sampling of subgrade soils,
- Installation of monitoring wells, and
- Preparation of quarterly environmental monitoring reports, including results of groundwater and surface monitoring programs.