GCL SERVES AS CAP IN BROWNFIELD REMEDIATION SITE

This New Jersey Brownfield was formerly the site of a chemical recycling facility.

**PROJECT**
New Jersey Brownfield Remediation

**LOCATION**
Patterson, New Jersey

**PRODUCTS**
BENTOMAT® SDN

**CHALLENGE:**
The soil at the site was heavily contaminated, and off-site removal would have been extremely costly. High winds and very cold weather also posed a problem.

**SOLUTION:**
The site was surrounded with a soil-bentonite slurry wall and topped with a six-acre geosynthetic cap. The geosynthetics were terminated at a corrugated sheet pile wall. Cast-in-place concrete with an embedded polyethylene strip was added to which the LLDPE geomembrane was welded. The BENTOMAT SDN liner held up well in the high winds.

**RESULT:**
The contaminated soil was successfully contained, preventing it from spreading to surrounding areas. Everything was completed on time and within budget.