

# Lancaster Waste Park

**Client** Bovis Lend Lease  
**Contractor** Kiernan Construction  
**Area** 30,000m<sup>2</sup>

### In brief

CMS had to ensure rapid delivery of its specialist geogrids to keep ground reinforcement at a Bovis Lend Lease waste recycling development on schedule.

### Project scope

The waste recycling development is built on a 50-acre 'brownfield' site in Lancaster, formerly used for Leyland truck testing. To prepare the ground for construction, Kiernan Construction had to first level the area, which involved excavating in-situ concrete and reinforcing the ground with the BBA and CE certified geogrid where necessary.

A multi-phase development, the first stage alone required over 30,000m<sup>2</sup> of CMS geogrids to be laid. Assessing the project requirements in response to daily changing demands, CMS identified the most cost effective material combinations to deliver the required performance in different areas.

The polyester material with 40kN/m strength was used to reinforce embankments, and the polypropylene at both 20kN/m and 40kN/m were installed for ground reinforcement.

John Edmondson, buyer, Kiernan Construction, comments: "With a large-scale development such as this, the best strategy to keep the site programme to a minimum is to respond efficiently to ground reinforcements as they arise – enabling us to identify the best solution for a specific area. CMS were extremely responsive in their approach, getting the geogrids out to site exactly when we needed, even if that meant within a few hours."



**Rapid delivery of  
CMS Secugrid helped  
keep the Lancaster  
Waste Park project  
on schedule**



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