



## Sovereign Harbour, Eastbourne

### THE TASK

Sovereign Harbour, Eastbourne, is one of Europe's largest recreational harbours built on a site formerly occupied by extensive gravel workings. The development caters for the boating enthusiast and provides a range of high quality homes, shopping, leisure and business facilities.

Uncontrolled dumping of waste in the old gravel workings had blighted parts of the site. In order to remove this blight we were commissioned to design an extension to an existing repository to accept this waste and remediate the site. A capping system incorporating a landfill gas collection and venting system, impermeable barrier and drainage layer were designed with particular attention paid to the interface between the old and new repository. Close liaison was maintained with East Sussex County Council, Eastbourne Borough Council and the Environment Agency during the preparation of the Waste Management Licence and Working Method Statement.

Other work undertaken by our company on this development includes:

- reclamation of gravel workings
- design of Village Centre car park sited over the landfill
- design of North Harbour infrastructure works including road design and foul and storm water layout.
- design of West and North Harbours

In each case the objective has been to enhance the value of the site through prudent investment in remediation and infrastructure.

### CLIENT:

Sovereign harbour

### SERVICES:

- Infrastructure design
- Site remediation
- Geotechnical engineering
- Maritime engineering

### VALUE:

£118k

### TYPE:

Regeneration