

# CASE STUDY



## UNWINS DEPOT, DARTFORD

This project was part of the redevelopment of the Unwins Depot in Dartford, Kent. The 2.4 hectare site is being regenerated by the South East England Development Agency (SEEDA) to create a mixed-use development of retail outlets, business units and housing.

KKB was commissioned to remediate several hotspots contaminated with hydrocarbons identified in the environmental site investigation.

Excavation of the hotspots involved the break-out and processing of 15,000 cubic metres of concrete slab and foundations.

We excavated to a depth of 1.5m and removed the upper 500mm of contaminated material for on-site screening, sorting and treatment using cement stabilisation.

The decontaminated material was re-deposited which involved installing a geogrid layer and establishing a 250mm crushed concrete cap over the site.

250 cubic metres of contaminated groundwater was pumped to an on-site treatment facility where it was cleaned using an oil-water separator, sand and carbon filters.

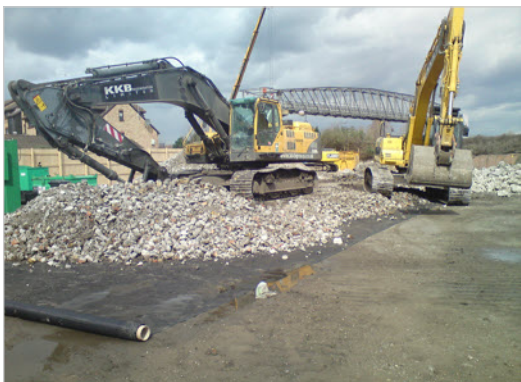
**Client:**  
South East England  
Development Agency (SEEDA)

**Environmental consultant:**  
Campbell Reith Hill

**Value:**  
£450K

**Duration:**  
12 weeks

**Completed:**  
June 2010



“KKB Regeneration's professionalism and specialist knowledge of their discipline was a feature of the enabling phase of the Dartford project. Their experience and problem-solving approach allowed us to overcome several challenges to complete the enabling phase ahead of schedule.”

**Tristan Tucker**  
Senior Environmental Scientist,  
Campbell Reith