

CASE STUDY



WOOLSTON WATERFRONT, SOUTHAMPTON

The re-development of the old shipyard site in Southampton is being orchestrated by the South East England Development Agency (SEEDA) which acquired the 31-acre site in March 2003.

The ten-year programme will transform the waterfront site into a modern, vibrant community known as Centenary Quay which will have over 1600 new homes, a new marine quarter, retail space and leisure facilities.

A site investigation carried out by the engineering consultants found that several areas of the ground were contaminated with asbestos. KKB Regeneration were called-in prior to the enabling phase to remediate several hotspots.

We set-up a treatment centre on-site and excavated over 35,000 cubic metres of contaminated soil over a 5 month period.

Treatment included manual removal of larger asbestos containing material at source then

by use of a picking station and special screening equipment to segregate the hazardous waste. The recovered bulk asbestos waste was doubled-bagged and removed from site to a licensed hazardous waste disposal facility.

All work was carried-out under controlled conditions by trained operatives, wearing appropriate PPE. The treatment centre was sprayed throughout processing to suppress the emission of asbestos fibres with background and personal air monitoring carried out on operatives to ensure safe levels were maintained.

Following remediation and validation testing we backfilled the remediated soil into a designated engineered burial cell and capped the area with 1m of cement stabilised soil and crushed concrete capping layer. The site was then regraded to its original level.

The project was regulated by the Environment Agency with validation testing monitored by Campbell Reith Hill.

Client:
Edmund Nutall

Environmental consultant:
Campbell Reith Hill

Value:
£1.1m

Duration:
20 weeks

Completed:
May 2009

