

Canute Road, Southampton

Our Services

- Phase I Desk Study
- Phase II Site Investigation
- Risk Assessment
- Remediation Strategy
- Foundation Works Risk Assessment
- Hotspot Removal and Validation
- Groundwater Treatment



Investigation and Remediation of Hydrocarbon Contaminated Site

CGL was appointed to undertake a Phase I Desk study and additional Phase II intrusive investigation to satisfy planning conditions for a site to be redeveloped for mixed commercial and residential use.

The site is located adjacent to Southampton Docks, and next to a previous railway goods yard and terminus. More recently the site was occupied by a large warehouse. The proposed mixed use development comprised a seven storey apartment block including apartments, commercial units with basement car parking.

The adjacent railway terminus and docks meant that various hydrocarbon products that were identified below the site in soil and groundwater originated off site but had to be addressed by the development.

CGL identified a number of hydrocarbon hotspots present in the underlying soils and impacted groundwater and work with Kier site staff and regulators to effect a cost effective and appropriate solution.

Close liaison with the Environment Agency and Local Authority allowed piling and other works to progress largely unaffected whilst remediation was taking place.

CGL undertook hotspot removal works and subsequently validated the remediation of the main hydrocarbon source of impacted soils and subsequent water monitoring to prove gradual cleansing of the groundwater that allowed planning conditions to be signed off.

Client: Kier Southern Limited