

Longford Centre, Axiom Development, Feltham

Our Services

- Desk Study
- Intrusive Site Investigation
- Liaison with Regulators
- Remediation Strategy
- Implementation and Validation
- Foundation Design



Geotechnical and Geoenvironmental Services

The Axiom site in the heart of Feltham is part of a major regeneration of Feltham town centre. The flagship development comprises a mixture of new homes, offices, a hotel, restaurants and shops. **CGL** undertook a combined geotechnical and geo-environmental site investigation.

The investigation confirmed the presence of ground contamination associated with a former petrol station. **CGL** designed a remediation strategy, which comprised removal of old fuel tanks and ex-situ bioremediation of over 2,000m³ of contaminated soil.

Remediation was carried out under the supervision of **CGL**, which was also responsible for validation of the finished works. The remediation works obtained full sign-off from the environmental regulators, which permitted construction of the development to proceed.

CGL also designed the gas protection measures and provided geotechnical design advice for the piled foundations, pad foundations and basement construction.

Client: Thornfield Properties and Barratt Homes
Contractor: Laing O'Rourke