

Witney, Oxfordshire

Our Services

- Site Investigation
- Liaison with Regulator
- Groundwater Risk Assessment
- Contamination Remediation
- Site Supervision



Assessment of Risk to Groundwater and Watercourses

Site investigation by **CGL** at a planned residential development site, formerly a commercial estate in Oxfordshire, found hotspots of elevated concentrations of hydro-carbons and metals resulting from previous localised site activities.

The site was highly sensitive, given its location adjacent to a watercourse and flood plain.

Risk assessment indicated that the hotspots did not pose a risk to the ground or surface water, neither of which would be impacted due to a sub-surface layer of alluvial clay and peat.

However, consultation with the Environment Agency resulted in a requirement for limited remediation involving hotspot removal and validation.

CGL supervised hotspot removal during the development works, using both in-situ testing (HNU Hanbi-kit) and laboratory testing to validate the clean-up.

During development an unknown buried tank was identified close to one of the hydrocarbon hotspots. Removal of this was co-ordinated with KPH Environmental and validated by **CGL**.

Client: Barratt Mercia