

## Gomshall Tannery Site, Surrey

### Our Services

- Design of Remediation Scheme
- Validation and Certification



### Contaminated Land Investigation and Remediation

**CGL** was appointed to design an appropriate remediation scheme for a tannery site prior to redevelopment for executive housing. The site was particularly sensitive in terms of impacts to groundwater due to the proximity of a trout stream.

Contamination was known to be present in the form of heavy metals (predominantly cadmium), hydro-carbons and solvents (white spirit). Leaching tests and groundwater analysis indicated that the metals were not readily soluble, but there was evidence of floating free product.

The successful remediation scheme involved excavating hotspots of impacted soils within sensitive areas (such as gardens) for disposal, with associated dewatering to remove free product by passing

the extracted water through an oil/water separator.

Capping layers were placed over residual made ground in excavated areas. All arisings were tested for re-use or waste classification purposes before disposal to suitably licensed landfill sites, selected to minimise vehicle movements and disposal costs.

The whole scheme was carried out under the scrutiny of the Local Authority Environmental Health Officer and the Environment Agency and the works were validated throughout by **CGL** to confirm that agreed target levels had been met.

Client: Fairview New Homes