

Galaxy, Mildenhall, Suffolk

Our Services

- Due Diligence Site Assessment
- Supplementary Phase II Investigation
- Source Pathway/Receptor Relationship
- Risk Assessment
- Remediation Strategy
- Long term Monitoring Validation
- Cost Advice on Environmental Engineering



Prevention of Off-Site Migration of Contaminated Ground Water

As part of the due diligence process prior to potential sale or lease of the site, **CGL** was appointed to determine the extent of the hydrocarbon and ammonia contamination within the groundwater encountered in previous investigations and to provide appropriate remediation options.

The site is located within a Source Protection Zone and hence in an area of sensitive groundwater. It is surrounded by activities including chemical works, motor/hydraulic engineers. Historically the site was used for the production / maintenance of vehicles and this activity continues.

The site has been well managed in recent years but there is a history of previous contamination both off and on the site, which has been remediated to various degrees.

CGL confirmed hydrocarbon and ammonia contamination within the groundwater but no major sources were identified. Quantitative risk assessment was carried out to determine acceptability criteria for residual soils. **CGL** proposed a regime of long term monitoring to enable the on-going assessment of the groundwater regime.

Monitoring indicated contamination concentrations at the downstream site boundary (the receptor) at either below the required assessment criteria or below the detection limit, such that no remediation is currently required.

Client: Cavenham Estates