

# Hythe Quay, Colchester

Site Area: 2.5 Hectares  
Former Use: Gasworks  
Client: Leading Developer  
Value: £1,100,000

Provectus staff were responsible for the design, management and execution of the remediation of a 2.5 Hectare former gasworks site located adjacent to Hythe Quay, Colchester.

The project was undertaken as an all-risk D&B contract, and included the following works:

- Removal of foundations and basement structures. Crushing site derived material for re-use as part of remediation.
- Decommissioning of tar tanks, gas holder bases etc; off site removal of special wastes by tanker.
- Bulk excavation of contaminated soils to required depths; off-site disposal of 4,000m<sup>3</sup> grossly contaminated soils to suitably licensed landfill.
- Ex-situ bio-remediation of 8,500m<sup>3</sup> contaminated soils, with re-use as backfill in excavated voids in building oversites.
- Ex-Situ pump & treatment of contaminated perched groundwater prior to discharge to foul sewer.
- Construction of a horizontal cover barrier across the site to mitigate residual risks to end users.
- Provision of gas protective measures in building oversites, including a welded reinforced aluminium core (RAC) membrane.

