

## Shorts Aircraft - Cuxton, Kent

Site Area: 2.35 Hectares  
Former Use: Former Aircraft Manufacturing works  
Client: Wilson Connolly South East  
Value: £750,000

Provectus undertook a complete “cradle to grave” remedial works package to reclaim a solvent contaminated area of a former aircraft manufacturing works, located within a Source Protection Zone 1 (SPZ1) on a Chalk Major Aquifer.

Provectus carried out supplementary intrusive site investigations to further understand the contaminant profile and undertook extensive negotiations with the Environment Agency and local water company (who operate a public supply water abstraction borehole) to agree a “suitable for use” remediation strategy.

Provectus undertook the following works:

- Controlled removal of all asbestos containing materials;
- Controlled demolition of all above and below ground structures (including significant basements);
- Decommissioning and removal of underground storage tanks;
- Targeted excavation and off-site disposal of contaminated soils;
- In-situ treatment of deeper residual contamination by **dual phase soil vapour** extraction;
- Construction of horizontal barrier layers in garden areas;
- Extensive soil validation and groundwater monitoring;
- In order to facilitate the rapid development of the sales office and show homes, Provectus also undertook enabling works.

Provectus also assisted the client in procuring an option to purchase Environmental Impairment Liability insurance

