

**CASE  
STUDY**

**Client** Developers

**Project date** 3 Years

**Case Study date** April 09

**Area**

**Budget**

**Project: Tom Cribb Road, Thamesmead, London**

**Services provided**

Phase 2b Site Investigation, Remediation Design, Project Management, Flood Risk Assessment, Managing the Tendering, Appointment and Supervision of an Intrusive Magnetometer Survey for Unexploded Ordnance, Vibration Monitoring and Validation.

**Description of project**

The site borders the Royal Arsenal at Woolwich, a target for German bombing during WWII. The potential risks to the development from unexploded ordnance (UXO) were recognized early in the design phase of the project.

Merebrook has successfully tendered the UXO clearance survey to a specialist contractor and has supervised the use of a wheeled 20 ton, cone penetration rig to insert a magnetometer probe into the ground using hydraulic force.

Merebrook has undertaken vibration monitoring to assess the risks posed by piling to existing housing adjacent to the site and has also validated the cover system emplaced in garden areas of the site.

Merebrook has worked closely with the design engineers and the surveying team for the project to ensure that, through numerous design alterations, no pile locations were omitted from the UXO clearance survey. Development at the site is now complete and approximately 80% of the units are now occupied.

