

# Case Study

**Client** London Wildlife Trust

**Project date** 2008 – 2009  
**Area** 5.5 hectares

**Case Study date** March 09  
**Budget** £30K fees

**Project: River Wandle Enhancement, Wandle Park, Croydon to Morden Hall Park, Merton**

Water vole habitat and biodiversity improvement.

**Services provided**

- Intrusive site investigation
- Topographic surveying
- Environmental Consultants
- Hydrology and Hydrogeology Consultants
- Geo-Environmental Consultants
- Budgetary cost estimates

**Description of project**

To improve the potential biodiversity and visual appearance at various strategic points along a 1200 m long reach of the River Wandle which had been adversely affected by canalization and urbanization.

Feasibility study for the provision of and enhancement of water vole habitats at three distinct land parcels located adjacent to the River Wandle.

Merebrook provided a single point of contact for all

elements of the works, including intrusive geotechnical and contaminative investigation, land surveying, desk studies, liaison, digital terrain modeling, water level appraisals, cost and design consultancy service.

The resultant study provided multiple variations of offline, backwater habitats together with the associated development cost estimates to enable the Client to make applications for development funding.

The sites were located within a variety of built- and green-environments, with varying public sensitivities and with differing objectives with respect to the retention of existing features.

Access limitations also required careful consideration of both the investigation techniques used at the feasibility stage and, ultimately, the buildability of the final schemes.

Merebrook utilized its own plant and experienced investigation staff to ensure appropriate control of the site investigation works.

Varying ground conditions and flood risk sensitivity of both the subject sites and surrounding areas introduced additional considerations when developing outline designs and cost assessments.

