

Duke's Meadow New Footbridge

Ecological, Arboricultural and Marine Services

Client: Knights Brown Construction Ltd

Location: Chiswick, London

Keywords: Preliminary Ecological Appraisal, Invasive Species, Bats, Arboriculture, Benthic Survey



A section of Duke's Hollow LNR and the Thames

The brief

Knights Brown Construction Ltd are involved in constructing a footbridge at Dukes Meadow in Chiswick, London.

Thomson Environmental Consultants were commissioned by Knights Brown Construction Ltd to undertake Preliminary Ecological Appraisal (PEA), invasive species survey, Preliminary Ground Level Roost Assessment (PGLRA) for bats, arboriculture tree survey and marine benthic invertebrate survey.

What Thomson Environmental Consultants did for the client

- Undertook a desk study to identify any designated sites and/or protected species within 2km of the site and conducted an extended Phase 1 habitat survey in line with JNCC guidelines and produced a PEA report.
- Conducted an invasive species survey for Japanese knotweed, Himalayan balsam, and buddleia and produced a report with distribution mapping and recommendations.
- Conducted a PGLRA further to recommendations in the PEA report and produced a report with recommendations.
- Conducted an arboricultural survey of trees, including a desk study of the site to identify trees that have Tree Preservation Orders and produced an arboricultural report, including Tree Schedules and a Tree Constraints Plan, an Arboricultural Impact Assessment, and an Arboricultural Methods Statement.
- Undertook a benthic invertebrate survey of the Thames intertidal region within the area to be affected by the construction works and produced a report.
- Undertook ecological watching briefs during site Pre-construction works, providing a Toolboxtalk to site operatives and recording main activities in a site diary.

The outcome

The reports produced by Thomson Environmental Consultants were used to inform and support the clients planning proposal.

The findings and recommendations detailed in the reports have ensured that Knights Brown Construction Ltd are informed on how to mitigate any impacts of construction works on wildlife and remain compliant with UK legislation and policy pertaining to wildlife, trees and biodiversity.

The services provided have ensured the protection and enhancement of biodiversity at the site.

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