

Project name

Land opposite Wanstead Park

Status

Early preparation stage

Catchment

Roding

Tributary

N/A

OS grid reference

TQ 4174 8800 to TQ 4222 8726

Length (m) of enhancement(s)

500

Type of enhancement(s)

Realigning of the flood bund against the A406 to reconnect the Roding with 12 Ha of its floodplain and to create wetland features.

Reasons for enhancement(s)

The past positioning of a bund adjacent to the Roding as a flood defence measure has resulted in the river being detached from its natural floodplain. An area of approx. 6Ha of allotments lies landward of the bund of this 500m stretch. It is proposed to remove this bund and reposition it adjacent to the A406 embankment thus reinstating this 6Ha as functional floodplain.

Flood capacity would be increased as a result of the scheme. This should not pose an issue from a flood risk perspective as these features lie predominately in the floodplain currently unutilised for flooding episodes therefore minimal maintenance of this habitat should not affect the current level of protection. Effective design should ensure the proposals remain a valuable wildlife resource for as long a time period as possible. This project should have priority as it highlighted in the Roding FRM Strategy.

Key themes of enhancement(s)

Indicate by ticking one or more that apply.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Sustainable urban regeneration/development | <input checked="" type="checkbox"/> Biodiversity/conservation |
| <input checked="" type="checkbox"/> Fisheries | <input type="checkbox"/> Education |
| <input checked="" type="checkbox"/> Recreational amenity (access to nature) | <input checked="" type="checkbox"/> Climate change |
| <input checked="" type="checkbox"/> Sustainable flood risk management | <input type="checkbox"/> Other (please state) |
-

Possible constraints

Contamination is unknown. However it can be assumed that the flood bund is of sound, clean material and the first stage of the project could be to simply move the bund. It ties in with the extension of the Roding Valley Way footpath/ cycle path, which LB Redbridge is keen to push. Meetings have already been held. Part of the 12 Ha is a football pitch used by local schools; the use of this would need to be respected.

Potential partnerships

LB Redbridge

Approximate cost

£500,000

Possible funding

LB Redbridge

Contact details

Primary contact: Andrew Pepper (Independent consultant) - atpec@peppernet.org
David Watts (Environment Agency) – david.watts@environment-agency.gov.uk

Other

Pre-works surveys available: water vole survey (negative). Survey will be repeated before project progresses.

Pre works surveys required: Contaminated land

Phase 1 habitat survey

Breeding bird survey (dependent on time of year)

Water vole survey

Protected species survey

Aquatic inverts and fish survey

