

Project name

Weir upstream of Redbridge roundabout

Status

Concept only

Catchment

Roding

Tributary

N/A

OS grid reference

TQ 4150 8932

Length (m) of enhancement(s)

Unknown

Type of enhancement(s)

To remove the existing notched weir and regrade the bed to establish more natural processes on this stretch of river and improve marginal vegetation/ habitat as a result. This in turn will benefit fauna dependent on marginal and aquatic habitats and fish passage will be unrestricted.

Reasons for enhancement(s)

This length of river is largely owned by the EA and was straightened to accommodate the M11 and North Circular improvements. The channel was over-sized channel with flood embankments on both sides set back a few metres from the "first stage" riverbanks. The weir may have been installed to reduce the gradient. These channel modifications have resulted in a degraded stretch river in terms of both ecology and geomorphology.

Key themes of enhancement(s)

Indicate by ticking one or more that apply.

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

Unknown

Potential partnerships

Unknown

Approximate cost

Unknown

Possible funding

Unknown

Next steps

A study may be required to demonstrate that the proposed weir removal can be executed without adversely affecting flood defence levels of service.

Contact details

Primary contact: Sarah Boyd – Environment Agency

Other
