

Wickham Water Meadows Millennium Green

Tender for restoration and enhancement works October 2021

1. Introduction

The Water Meadows is a riverside public open space owned and managed by Wickham Parish Council. The purchase and development of the land as a public open space was funded by local people in the late 1990s as a Millennium Green project.

2. Scope of work

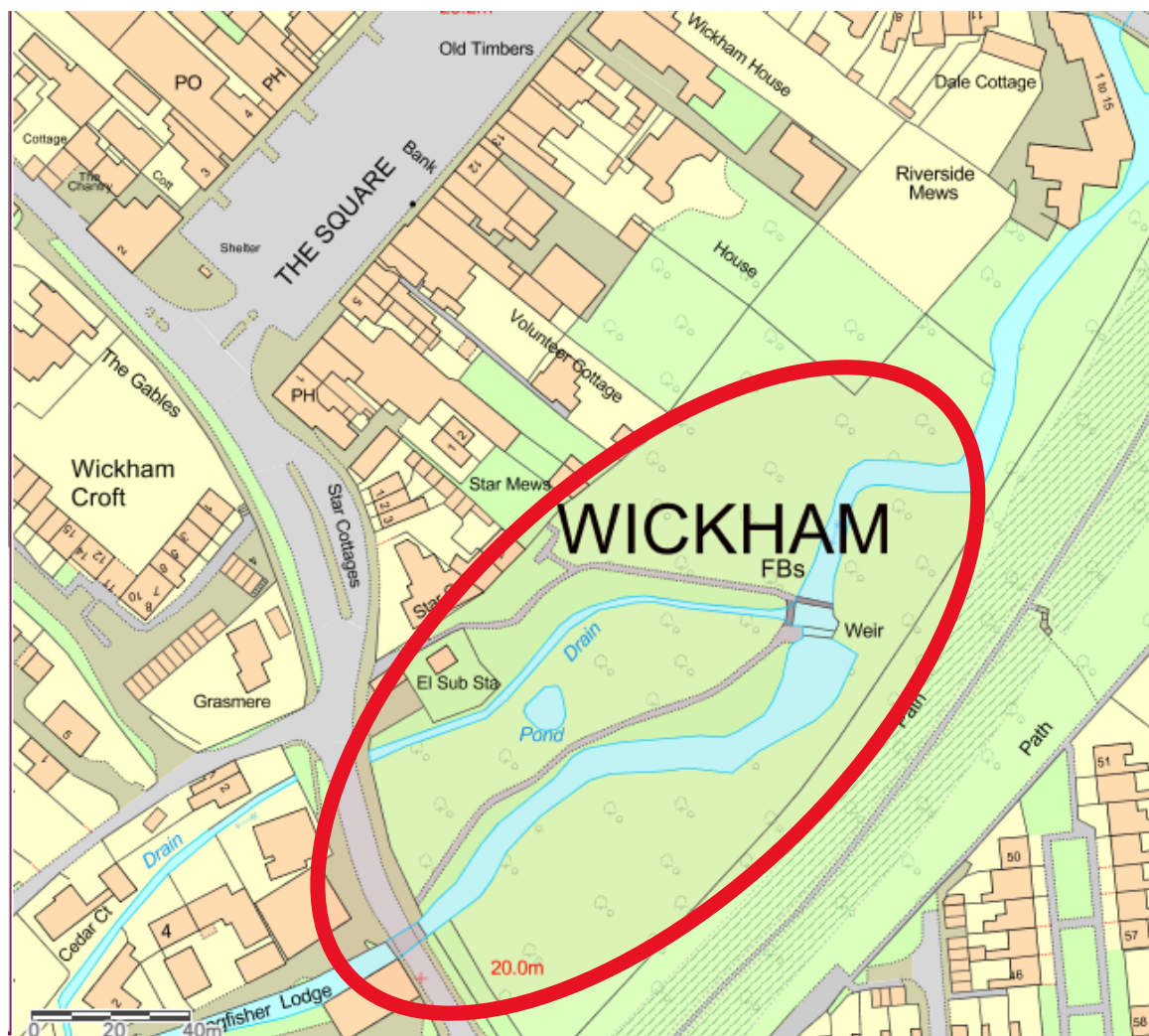
The works are to improve the resilience of the site for public access and biodiversity following a significant increase in visitor numbers during 2020 and comprises:

- Repairs to the river banks and installation of a formal access point into the river
- Re-naturalising the river banks
- Rebuilding steps on both sides of the railway embankment
- Replacement fencing to side bridge and weir
- Rebuilding and resurfacing the paths
- Refurbishing and replacing benches and picnic benches – by others

3. Location

Fareham Road, Wickham, Fareham PO17 5DE

Map reference SU 573 113

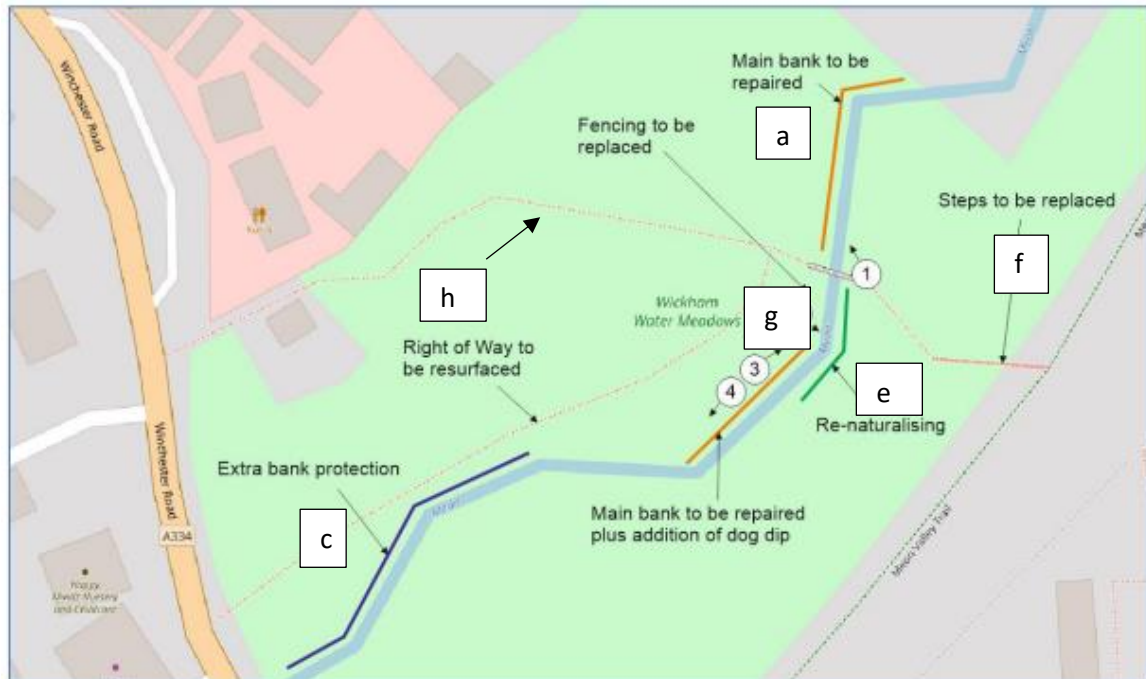


4. Access

A site visit must be carried out to determine access arrangements.

Vehicle access is available to the western part of the water meadows via a field gate adjoining Bostons Barbers on Fareham Road.

5. Site plan (prepared by Aquascience)



6. Resilience and reinstatement works

a. 25m Main bank repairs west bank

Oak hardwood post and plank revetment with chalk backfill on geotextile membrane, height varying between 600-1800mm to suit the depth of the river, finished with topsoil. Revetment to be anchored back to oak posts driven into the solid bank and backfilled with chalk, finished with topsoil. Path to be reinstated.

b. 25m Main bank repairs and dog dip construction west bank

As above with the addition of a 5m wide stepped access point in green oak with a stone capping.

c. 70m Downstream bank repairs west bank

Hazel faggot soft revetment lined with hessian, held in place with hazel stakes, backfilled with chalk, finished with topsoil. Planted with native marginal aquatic plants from an approved supplier.

d. 27m Re-naturalising recent revetment installation east bank

Attach coir rolls to revetment to re-establish plant life

e. 20m Downstream bank repairs east bank

Hazel faggot soft revetment lined with hessian, held in place with hazel stakes, backfilled with chalk, finished with topsoil. Planted with native marginal aquatic plants from an approved supplier.

f. Steps to east and west of railway embankment

Rebuild two sets of steps using green oak with air dried handrails to both sides of the railway embankment: leading into the meadows and leading to Wykeham Field.

Install fence to top of meadows embankment to prevent access by horses. To similar specification to the side bridge/weir.

g. Fencing to side bridge and weir

Replace all fencing in green oak. Posts to be 2.5m bedded into the riverbed and fixed to brickwork with three fixings, topped with air dried oak handrails.

h. 300m Footpath rebuilding and repairs

Replace edging boards where necessary and resurface all paths to a maximum depth of 70mm.

7. Tender summary

Preliminaries	£
a. 25m Main bank repairs west bank	£
b. 25m Main bank repairs and dog dip construction west bank	£
c. 70m Downstream bank repairs west bank	£
d. 27m Re-naturalising recent revetment installation east bank	£
e. 20m Downstream bank repairs east bank	£
f. Steps to east and west of railway embankment	£
g. Fencing to side bridge and weir	£
h. 300m Footpath rebuilding and repairs	£
Total	