Option 6 - Shortlisted

Property level resilience is recommended for thosealong Batchworth Lane, St Marys Avenue, Adross Road and Eastbury Avenue that have previously been flooded. Flood depths here are within the EA guidelines for PFR and so it is a suitable area.
PFR may be appropriate alongside other capital schemes.

Option 4 - Shortlisted

The modelling shows that the dominant flow path within the hotspot originates around Avior Drive.
Retrofitting of SuDS is suggested within the existing green spaces to retain these volumes upstream.

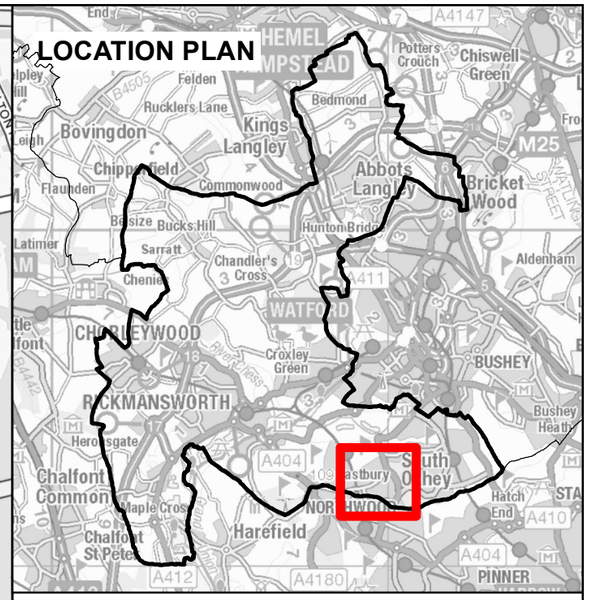
Option 2 - Shortlisted

Excavation of attenuation areas alongside the railway within the exisitng green space to capture flood flows from the Moor Park Stream.
This would increase the downstream capacity and may reduce surface water along Batchworth Lane.

Option 4 - Shortlisted

To intercept the flow path parallel to Batchworth Lane, it is suggested that SuDS are retrofit into the existing green spaces along St Marys Avenue, Adross Road and Eastbury Avenue. This would reduce the volumes associated with the flow path and may reduce property flooding.

LOCATION PLAN



Legend

Flood Depth (m) (1 in 100-year)

High : 2.293

Low : 0.041

HCC Flood Incident Record

Options

Existing grass areas

Storage areas

Type

Main River

Ordinary Watercourse

0 140 280 420 560 m

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Project:

THREE RIVERS SWMP
TRDC2A: EASTBURY

Title:

SHORT LIST
OPTION MAPPING

for

Client:

HERTFORDSHIRE COUNTY COUNCIL

Hertfordshire