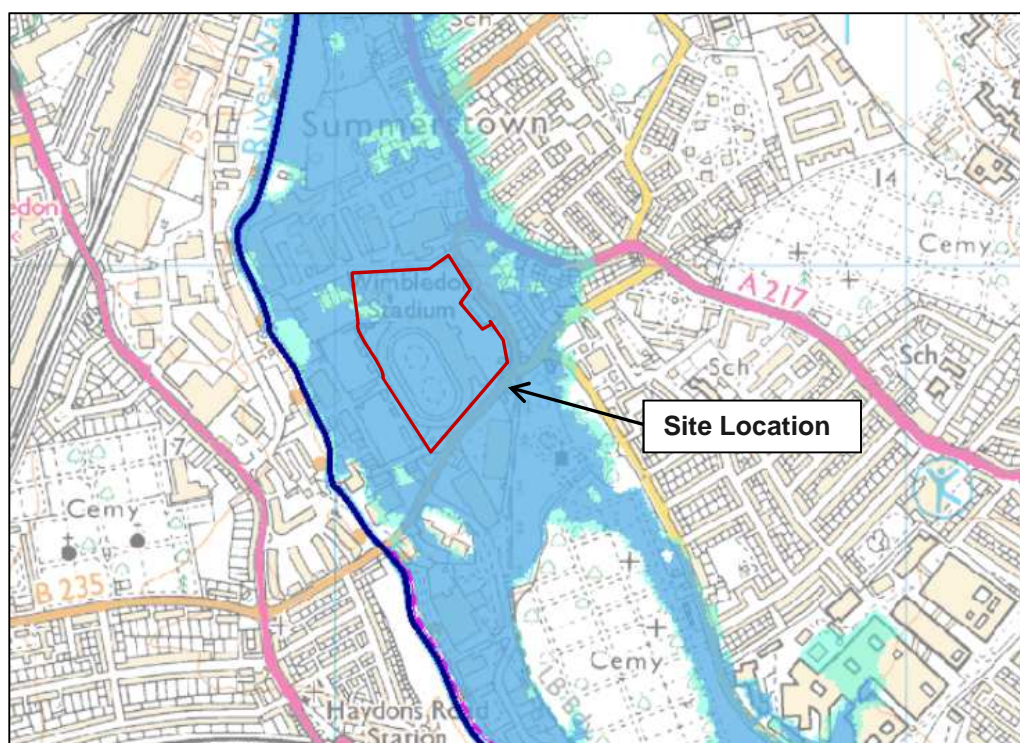


3 Flood Risk

3.1 Flood Zone Map

- 3.1.1 The first phase in identifying whether a site is at risk of flooding is to consult the EA's Flood Zone maps, available on the EA's website. This provides an initial indication of the extent of the flood zones, which is refined by the use of more detailed site-specific level survey and modelled flood levels.

Figure 3.1 – EA Flood Zone Map



- 3.1.2 As shown on **Figure 3.1** above, the EA Flood Zone map indicates the site lies within **Flood Zone 3 'high probability'** of the River Wandle (greater than 1 in 100 (1%) annual probability of river flooding).

3.2 London Borough of Merton Preliminary Flood Risk Assessment (PFRA)

- 3.2.1 The London Borough of Merton *Drain London* Preliminary Flood Risk Assessment (PFRA) provides a high level summary of significant flood risk to Merton focusing on the probability and harmful consequences of past and future flooding, see figures provided in Appendix F. Information of specific relevance to the Wimbledon Stadium site is provided as follows:

- **PFRA Figure 2 'Increased Potential for Elevated Groundwater'** shows the site to be located in an area with increased potential for elevated groundwater. This is described as an 'increased potential for groundwater to rise sufficiently to interact with ground surface or within 2 metres of ground surface'. This site is not shown to have been impacted by any of the recorded groundwater flood incidents.

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