Barrier Bank

4.7 Upstream from Locks Mill, the Strategic Assessment adopts the Barrier Bank, along with a derived 0.30m minimum freeboard above the modelled flood level of Cowbit Wash, as the River Welland's right-hand defence to the lands within the South Holland IDB district. The document states:

> *"The* [south] *Barrier Bank north from Brotherhouse Bar, where the A1073 road runs on top, is sufficiently substantial that wave action need not be considered. It is seen anyway that freeboard to the crest of the South Barrier Bank, along its full length, is sufficient that detailed consideration of minimum freeboard is not needed."*

4.8 Tabulated data relating to the length of embankment considered for this assessment - paragraph 3.8 refers - shows there to be a freeboard above the anticipated peak water level of between 1.90m and 2.29m and consequently, overtopping is inconceivable. Whilst the southern end of the embankment "reach" at Cowbit is very broad with dwellings constructed on its moderate landward gradient, it does narrow northward from the village fringe toward Spalding where the steeper batter becomes more typical of a raised earth structure. The soundly proportioned embankment, with a top width of 7m-8m, is determined by the Strategic Assessment to provide a standard of protection greater than the 1.0% criterion.



Barrier Bank
Adjacent to the Application Site