Queen's Bank where the channel's bed level is approximately -0.10m ODN. However, bearing in mind the shallow 1:10000 gradients typically adopted in land drainage design and the small catchment area, the increase is unlikely to be significant. At the time of survey in mid December 2003, there was no perceptible amount of water in the former freshwater feed channel adjacent the cottage site where a bed level of 0.92m ODN was recorded.

4.9 It is to be recognised that groundwater has no respect for IDB boundaries and there will undoubtedly be some percolation through the subsoil toward the lower North Level Internal Drainage Board channel that is situated along the southern side of Queen's Bank. This channel is an operational freshwater feed that has the same source on the Washes as the disused Brotherhouse Bar system and enquiries made to the Board's Engineer reveal that the maximum depth of its water during periods of flow is around 0.60 metres. Given that the channel's bed level is 0.45m ODN, it is evident that its peak water level would be barely higher than the existing bed of the abandoned South Holland IDB channel. It is of further note that there was a differential of 0.35 metres to the benefit of the cottage site under the static no-flow conditions at the time of survey. Given the foregoing, along with the adopted good maintenance standards of the IDB, it is implausible to consider that the functional drainage system might cause the site to flood.



Queen's Bank and North Level IDB Freshwater Feed