

10th July 2026

Our Ref: SKEL_P_0997

Edward Flood
Stride Treglown
Promenade House
The Promenade
Clifton Down
Bristol
BS8 3NE

Dear Edward

CPW, Project Whitehorse Flood Defence Works

This letter is written in relation to the flood defence works at the CPW site in Staverton, Wiltshire, and in response to planning queries in relation to the stability of the existing leat/river walls and banks due to the ongoing works.

The works comprise a slight increase in existing wall heights to improve the defended river level for the client. Height raises are typically 150-250mm, upto 400mm maximum. Walls in concrete are being raised in concrete to keep materials the same. The critical structural design condition for these walls are when the leat is at low water level, causing the wall to retain the site from the river. Ground levels behind the wall are not being raised, and hence this condition is not worsened by the works. In the event of flood to maximum water level, the new wall will be taking a slightly higher flood load from the river, however this situation is not structurally critical as the height of water is far less than the retained height of the wall at low water level. The works therefore do not cause an increase in forces on the existing wall bank structure and are considered acceptable.

In addition to wall rising, 2No. aluminium flood gates are proposed where the client requires access. These elements are either over bridge structure abutments or away from the river edge and hence do not cause an increase in risk to the existing bank.

Yours sincerely,



Jon Ellis
Director
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