

Hamble Point Marina Events Pontoon Access Bridge, Hamble Point Marina, School Ln, Hamble-Le-Rice, Southampton, SO31 4NB

Flood Risk Assessment

November 2025

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1. Introduction

- 1.1 This Flood Risk Assessment (FRA) has been prepared by Luken Beck MDP on behalf of MDL Marinas Group Limited in support of a planning application for the replacement of the existing Pontoon Access Bridge at Hamble Point Marina. The site is located within Flood Zone 3, as defined by the Environment Agency. As such, a flood risk assessment is required to accompany the planning application, in accordance with the Local Planning Authority's adopted validation requirements.

2. The Site and Proposals

- 2.1 The site lies entirely within Flood zone 3. The site is in use as a 230-berth marina with associated facilities and businesses.



Figure 1: Extract of flood map for planning from gov.uk

- 2.2 The proposed development relates to the replacement of the existing Events Pontoon Access Bridge at Hamble Point Marina with and almost like for like structure.
- 2.3 The 'Events Pontoon' access bridge and brow structure at Hamble Point Marina has reached the end of its service life and now requires replacement to ensure it remains safe for use. The project will remove the existing bridge and brow for recycling/disposal, extract 6No piles from the intertidal area, drive 2No new steel piles and then place a new brow and bridge.
- 2.4 Beyond the reduction in pile numbers the project is a like for like replacement of the existing structure.
- 2.5 An application is currently being considered by the Marine Management Organization (MMO) (reference: MLA/2025/00427) and the Council has been consulted as part of that process.
- 2.6 The works are designed to replace the existing bridge with no material alterations to the height or form of the structure, ensuring no significant change in the flood risk characteristics of the site. Additionally, the environmental considerations of the

construction activities and long-term impact of the replacement bridge have been thoroughly reviewed through the MMO's marine licensing process, in which the Planning Authority is a statutory consultee.

3. Flood Risk

- 3.1 The application site is located within Flood Zone 3, as classified by the Environment Agency. However, the proposed development is classified as "water compatible" under the Environment Agency's flood vulnerability and flood risk compatibility table (Table 2, NPPG Paragraph: 079 Reference ID: 7-079-20220825), which makes the use appropriate for this location.
- 3.2 According to Table 2, water-compatible uses are acceptable in Flood Zones 1, 2, 3a and 3b, as such, the proposed development is considered appropriate in Flood Zones 2 and 3.
- 3.3 The nature of the proposed development means that flood risk will not be increased beyond the site boundary. The replacement bridge will be constructed in the same position and the same finished levels as the existing bridge, meaning that the flood characteristics of the site will remain unchanged.

4. Conclusion

- 4.1 The proposed development is deemed "flood compatible," and as the proposed development seeks a like for like replacement of the existing defence, will not increase flood risk either on or off the site. The development is considered acceptable in terms of flood risk.



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