







LONDON BOROUGH OF MAP 5 **Boat Access Point Failure HAMMERSMITH** AND FULHAM (Flood Extent) In the west of the London Borough of Hammersmith and Fulham where it fronts the River Thames there are a series of small demountable flood defences which are utilised by private clubs to gain access to the river at Hammersmith. It has been noted that the chance of these demountable defences being stolen, damaged, or left open was far more probable than the main wall failing. Consequently, an analysis was undertaken to assess the extent and severity of flooding which could occur if allowed to flow through one of these openings. The Dimensions of the scenarios are: Boat access 1: Top Height = 5.54m; Bottom Height = 4.59m; Width = 2m. Boat access 2: Top Height = 5.54m; Bottom Height = 5.29m; Width = 2m. These compare to the beach point HF2 with dimensions of: Top Height = 5.54m; Bottom Height = 4.5m; Width = 20m. The extent to which the flood water travelled, and the depths it achieved, were minimal compared to a larger breach. When comparing Boat Access 1 and HF2 it is clear that the flood extent is sensitive to the width of the breach. When comparing Boat Access 1 and Boat Access 2 it is clear that the extent of flooding is also sensitive to the depth of the breach. Legend **Boat Access 1** 0 - 0.6 >0.6 (m) Boat Access 2 0-0.6 > 0.6 (m) **Breach Location HF2** Breach Extent of HF2 (C) Crown Copyright. All rights reserved. Environment Agency 10002638, [2007] **Entec** iba (C) Crown Copyright. All rights reserved. LB Hammersmith & Fulham LA100019223 (2007)











