



12 February 2016

Melbourne Water Corporation
990 La Trobe St
Docklands VIC 3008

Ask for: Kathleen McClusky
Phone: 9932 1004
Our Ref: A2315758

To Whom It May Concern,

Flood Management Strategy and Flood Information Standards for Port Phillip and Western Port

Hobsons Bay City Council welcomes the opportunity to contribute to the development of the Flood Management Strategy and Flood Information Standards for Port Phillip and Western Port.

Council supports the overall direction of the strategy and standards.

Climate impacts

Hobsons Bay is a coastal municipality with drainage infrastructure and flooding issues that are impacted by the sea.

It is recommended that the strategy and standards recognise and plan for the management of climate change impacts on riverine flooding, coastal flooding, sea level rise, storm surge and the interactions between these flooding types.

Impervious sites

Urban infill is increasing the imperviousness of urban areas and increasing the risk of localised flooding. The landscaping of many greenfield and brownfield developments includes the covering of garden areas with rocks or paving. This increases the imperviousness of those sites so increasing the risk of flooding. Under clause 55 of the Victorian Planning Provisions, residential developments are permitted to be 80 per cent impervious.

It is recommended that the standards ensure that the maximum likely effective imperviousness, and hence risk, is accounted for in the flood modelling.

Greenfield sites

Greenfield sites are creating new suburbs within a timespan of a few years. This increases flood risk both in the immediate area and downstream of these areas to the coast. Information on the flooding and runoff from greenfield developments is therefore needed to inform flood risk in downstream catchments.

It is recommended that the same range of Annual Exceedance Probabilities (AEP), one per cent, two per cent, five per cent, 10 per cent and 20 per cent, be considered for greenfield developments as those considered for established urban areas.

Future projections

Flood modelling for a region might only be updated every 20 to 30 years. The standards should therefore make recommendations on the future projections that should be included in flood modelling. This should include the likely impact of projected land use changes over the 20 to 30 year time period.

Should you wish to discuss the submission further please contact Kathleen McClusky, Manager Strategy and Advocacy on 9932 1004 or email kmccclusky@hobsonsabay.vic.gov.au.

Yours sincerely



Bill Millard
Director Strategic Development