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Our ref: A22/31268

15 February 2022

Ann Cunningham
Chairperson, Development Assessment Panel
Tasmanian Planning Commission
tpc@planning.tas.gov.au

Dear Ms Cunningham

SES REPRESENTATION ON NEW BRIDGEWATER BRIDGE MAJOR PROJECT IMPACT STATEMENT AND INITIAL ASSESSMENT REPORT

The State Emergency Service (SES) makes the following representation in response to the *New Bridgewater Bridge Major Project – Initial Assessment Report*, specifically matters relating to the supporting *Flood Hazard Report* and the *Coastal Inundation Report*.

The *Flood Hazard Report* (8 November 2021), and the *Coastal Inundation Assessment* (November 2021) were both based on the reference design for the project which has now been updated to a different 'chosen design'. In response to this change, additional information is contained in *MPIS Appendix BB* to provide a comparison analysis to that contained in the two mentioned reports.

The reports indicate there is no increased risk to coastal inundation from the proposed works and that major impacts for coastal inundation relate to flooding. The reports indicate there are existing flood risks and coastal inundation risks in the area and the proposed mitigation works for the development may reduce these existing flood risks.

Potential impacts described in the *Flood Hazard Report* include:

- increased flood levels upstream of the new bridge until the existing bridge is removed;
- an under capacity of existing Black Snake Rivulet drainage infrastructure under the Brooker Highway; and
- flooding of low-lying areas of new road near Granton.

Proposed mitigation measures described in the *Flood Hazard Report* include:

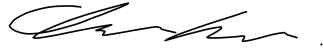
- removal of the existing bridge after the new bridge becomes operational;
- raising the design levels above the flood levels and/or protection works; and
- further modelling of the final design and system is required prior to construction.

SES supports the recommended revised mitigation works for the potential flood impacts for the 'chosen design' as contained in *MPIS Appendix BB*, including the need to undertake further investigations prior to construction to ensure appropriate mitigation measures are included in the design and project management plans.

The reports do not identify emergency management arrangements to manage a flood event that might occur during construction. SES recommends that the proponent prepare flood emergency management arrangements for use during the construction stages of the project.

If you have any further questions regarding this letter, please contact Manager Flood Policy Unit, Chris Irvine at Chris.Irvine@ses.tas.gov.au and on (03) 6173 2700.

Yours faithfully



on behalf of

Mr Leon Smith
A/Director