



Megan Fu
Principal Planning Officer
Infrastructure Assessments, DPIE
Locked Bag 5022
PARRAMATTA NSW 2124

Dear Ms Fu

Subject: Exhibition – UNSW Health Translation Hub (SSD-10822510)

Thank you for your email received 17 May 2021 requesting comments on the above proposal. Environment, Energy and Science Group (EES) has the following comments.

Floodplain Risk Management

The new university building meets the requirement to have a ground floor level at 500mm above the probable maximum flood (PMF) which has a depth of up to 1.4m in High Street. The building wall below the PMF must be designed to achieve the following in the PMF event:

- be watertight
- resist hydrostatic pressures
- withstand the impact of likely debris, such as floating cars
- accommodate predicted scour, and
- withstand buoyancy and drawdown forces, if applicable.

A basement is proposed for the loading dock, bicycle storage and plant. The proponent must describe how the basement is protected from flooding at the PMF level or 1% annual exceedance probability event level plus 500mm freeboard.

Biodiversity

EES issued a Biodiversity Development Assessment Report waiver on 2 December 2020 on the basis that the proposed development is not likely to have any significant impact on biodiversity values.

If you have any queries please contact Dana Alderson, Senior Project Officer Planning via Dana.Alderson@environment.nsw.gov.au or 02 8837 6304.

Yours sincerely

A handwritten signature in black ink, appearing to read 'MStewart'.

17/6/2021

Marnie Stewart

**A/Senior Team Leader Planning
Greater Sydney Branch
Biodiversity and Conservation**