

Ms Helen Mulcahy
Principal Statutory Planner
Department of Education
Suite 9, 259 George Street
Sydney NSW 2000

23/03/2022

Dear Ms Mulcahy

**Glenwood High School Upgrade (SSD-23512960)
Request for additional information**

I refer to the state significant development (SSD) application for Glenwood High School Upgrade (SSD-23512960). After careful consideration, the Department of Planning and Environment (the Department) is requesting that you provide additional information in relation to the following:

Flooding

The Glenwood High School Stormwater Overland Flow Statement and Glenwood High School Civil Engineering Flood Study Report states that the site is not located within the 1% AEP flood level, however part of the site is affected by approximately 1m depth of water in a Probable Maximum Flood (PMF) event. In a PMF event, the surrounding streets including Glenwood Park Drive to the north and east would also be affected which impacts flood evacuation. The Report recommended a shelter-in-place approach during a PMF event. However, the Department considers that evacuation of the occupants prior to potential PMF events or early closure of the school prior to potential PMF events is preferred over shelter-in-place.

You are requested to submit additional information which addresses the issues raised above and investigates the safe evacuation of occupants off the site prior to potential PMF events for both the construction and operation phases of the development and the closure of the school prior to potential PMF events.

At a minimum this should include a revised Flood Study Report prepared by a suitably qualified and experienced person(s) which includes:

- a risk assessment for the safe evacuation prior to potential PMF events
- a safe evacuation route/s based on the school catchment area including the total estimated time available in which the surrounding streets are safe to use as evacuation route/s
- if evacuation of students by caretakers in part, will be required, then identify the timeline for parents to arrive and depart the site ahead of potential PMF events.
- the flood warning time for safe evacuation, including the depth and time that flood waters would typically rise per hour

- the total estimated time taken for the PMF flood level:
 - to reach a depth where the roads used for the identified evacuation route/s are no longer safe to use, and
 - to recede to a level which allows for the evacuation route/s roads to be safely used again
- a preliminary Emergency Response Plan which includes (at a minimum) flood notification details, evacuation routes, assembly points and evacuation protocols, as well as the authority or person with appropriate qualifications who will be responsible for determining the event trigger for evacuation.

Biodiversity Development Assessment Report

The revised Glenwood High School Biodiversity Development Assessment Report (BDAR) submitted as part of the Response to Submissions (RtS) recommends measures be imposed to manage and regenerate the Cumberland Plain Woodland area, as part of a Biodiversity Management Plan (BMP). The EIS states that the BMP would be developed outside of the SSD application and by the school operator. The Department considers the regeneration of the Cumberland Plain Woodland a vital component of the site and SDD application, accordingly appropriate management of the regeneration area is required.

You are requested to submit a preliminary strategy for the management and regeneration of the Cumberland Plain Woodland undertaken by a qualified ecologist or bush regeneration specialist.

End-of-trip facilities

The revised Glenwood High School Transport and Accessibility Impact Assessment (TAIA) forecasts, through the implementation of the School Travel Plan, a reduction in private travel by car with a shift to sustainable and active transport such as bike riding. In order to achieve the forecasted mode share targets, adequate end-of-trip facilities are required to support users arriving by active transport.

As part of the request for a response to submissions, the Department queried the likelihood of achieving the forecast for staff without dedicated bicycle storage facilities. No response was provided.

Furthermore, TfNSW have provided comment on the RtS including the revised TAIA and also recommends dedicated sheltered and secured bicycle storage facilities for staff. In addition to this, TfNSW also recommend an increase to the proposed 18 end-of-trip storage lockers to support SINSW active transport plan.

You are requested to submit additional information which addresses:

- the adequacy of staff end-of-trip facilities for the forecasted active modes of transport
- the issues raised by TfNSW in the advice attached.

Blacktown City Council

You are requested to submit a response to the issues raised in Blacktown City Council's submission to the RtS (attached).

Please provide the information or notify us that the information will not be provided, by Friday 15 April 2022. If you cannot meet this deadline, please provide and commit to an alternative timeframe for providing this information.

If you have any questions, please contact Patrick Andrade at patrick.andrade@dpie.nsw.gov.au.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'KH', with a long horizontal flourish extending to the right.

Karen Harragon
Director, Social And Infrastructure Assessments
Social & Infrastructure Assessments

Attached:

1. Blacktown City Council Submission to RtS
2. TfNSW comment to RtS