



DOC20/980276

Mr Brent Devine  
Principal Planner, School Infrastructure Assessment  
Planning and Assessment  
Department of Planning, Industry and Environment  
4 Parramatta Square  
12 Darcy Street  
PARRAMATTA NSW 2150

Dear Mr Devine,

**Al-Faisal College Liverpool (SSD-10445)**

I refer to the request for Environment, Energy and Science Group (EES) advice on the Environmental Impact Statement for the above and provide the following in relation to floodplain risk assessment.

EES notes the Secondary and Primary school sites are not affected by mainstream flooding as they are in the upper reaches of the tributaries of Kemps Creek. Overland flood affectation during 1% AEP and PMF events is unlikely under baseline conditions except for two areas in the north and north-east of the Secondary and Primary school sites respectively which have overland flood affectation and low flood hazard. These areas are not to be included within the proposed building footprints and will be maintained as open space and playing fields.

EES also notes that affectation on the sites during a PMF event is likely to be improved to some extent due to redistribution of overland flows through new roads and stormwater drainage networks. Some increase to flood extent and depth in the PMF event is expected at existing agricultural lands south (upstream) of the Secondary School site. The flood modelling results for climate change scenarios also indicate that the increase in floodwater depth would be small and/or insignificant compared to present day conditions. As the Secondary School site is likely to be isolated during a PMF event due to flooding at Gurner Avenue, it is recommended an emergency response plan (ERP), which includes an action to install safety signs along Gurner Avenue, be developed by the proponent to ensure the safety of students, staff, carers and other members of the schools community during rarer flood events. The ERP should be prepared in consultation with Liverpool City Council and the NSW SES considering the duration of isolation would be in the order of 30 to 45 minutes.

Should you have any queries on this advice please contact Richard Bonner, Senior Conservation Planning Officer, on 9995 6917 or [richard.bonner@environment.nsw.gov.au](mailto:richard.bonner@environment.nsw.gov.au)

Yours sincerely

A handwritten signature in black ink that reads 'S. Harrison'.

15/01/21

Susan Harrison  
**Senior Team Leader Planning**  
**Greater Sydney Branch**  
**Biodiversity and Conservation Division**