

Dimitri Gotsis

To: Dimitri Gotsis
Subject: FW: Flooding - Murwillumbah Education Campus - SSD-16848913

From: Don Owner - Flooding - Murwillumbah Education Campus - SSD-16848913

Hi Dimitri,

I referred the relevant project documents to our Water, Floodplains and Coast team for comment, particularly with reference to flooding issues. The team have responded in support of the project, with no flood-related or other issues raised and no changes recommended.

The Water, Floodplains and Coast team's comments are provided as follows:

The site is located on flood affected land. Ground levels vary across the site from 22m AHD to 2.2m AHD. The lower areas are generally playing fields and the buildings are located on the higher portions of the site.

The site is located on and adjacent to the Murwillumbah CBD levee. The school is located inside the levee and receives protection for floods up to the 1% AEP flood event when it starts to overtop. The estimated Probable Maximum Flood (PMF) level for the site is approximately 13m AHD. Significant parts of the site and some buildings and / or floor levels are located above the PMF level meaning there is flood free areas on the site.

The proposed building floor levels for all new buildings will be set at a minimum relative level (RL) of 7.50m. The estimated 0.2% AEP flood event level is estimated at 7.50m AHD. The estimated 1% AEP flood level 4.1m AHD.

The buildings are to have floor level equal to or higher than the 0.2% AEP flood level and well above the 1% AEP flood level. There are significant parts of the school site located above the PMF level meaning there is flood free areas and evacuation due to flood inundation of the site would not be required. No objection to the proposed Education Campus works in regard to flooding.

Please contact me if you have any questions or require any further input.

Regards,

Don.

Don Owner

Senior Conservation Planning Officer, North East Branch
Biodiversity and Conservation Division
Department of Planning and Environment