

Tuggerah Lakes flood levels

Fact Sheet



Summary/Introduction

Council closely monitors weather conditions and forecasts, and the water level at Tuggerah Lakes during heavy rainfall or storm events.

Council has identified trigger points and actions to mitigate the flood risk at Tuggerah Lakes based on draft studies developed for Council by experts (Manly Hydraulics Laboratory)

A 0.9m water level is classified by the Bureau of Meteorology (BOM) as minor flood level for Tuggerah Lakes. Council assesses the need to undertake discretionary sand scraping if the forecasted flood level is predicted to exceed 0.9m.

A 1.3m water level is classified by the BOM as moderate flooding for Tuggerah Lakes. Based on recommendations from the draft study, a forecasted flood level of 1.3m is the trigger point for early intervention, such as a berm management, because this is the level whereby flood impacts become more significant, with some residential areas becoming isolated and some non-habitable floor areas becoming inundated. The sand berm preparation works are typically for scraping the sand berm to a level in the range 1.0 to 1.2m immediately adjacent to the banks of the existing opening, around low tide windows within 1-3 days prior

to flooding. Any lower than this is likely to be infilled by wave runoff.

Whilst Council may undertake work to prepare for anticipated impacts of severe weather conditions, weather predictions can change quickly.

Council continues to consistently and closely monitor weather events, take appropriate actions and provide ongoing updates to the community.

Whilst work is undertaken according to best practice and recommendations by industry expertise, there can be limits to the effectiveness of works during unpredictable and strong weather conditions.

** A berm is a ridge or barrier constructed of compacted soil, gravel, rocks, and stones to prevent, divert, or direct water away from a particular area.*

Ask us a question

Please contact Council's Environmental Management team via Customer Service by phone 1300 463 954 or submit and enquiry online 24/7 at centralcoast.nsw.gov.au