



Cessnock City Council Flood Certificate

15/07/2020

CRM: 13303/2020

Rec: 2882904

Complete Planning Solutions

Property:	LOT 10 : SEC : DP 1085485
Address:	261 Averys LANE BUCHANAN

The information supplied in this certificate represents the most current flooding information held by Council at the time the certificate was created.

The current flood information adopted by Council for this property includes the Wallis and Swamp Fishery Flood Study 2019 (WMAwater).

The following flood information relates to this property:

	20 Year ARI Flood	100 Year ARI Flood
Max. Water Level (m AHD)	10.98	11.39
Min. Water Level (m AHD)	5.97	9.73
Max. Water Depth (m)	5.02	5.96
Min. Water Depth (m)	0.00	0.0
Max. Velocity (m/s)	3.42	3.53
Min. Velocity (m/s)	0.00	0.00
Max. Hazard (H1 to H6)	H6	H6
Min. Hazard (H1 to H6)	H1	H1

Data produced using WaterRIDE Version 1.0.0.1005

ARI = average return interval (a 100yr ARI flood has a 1% chance of occurring in any given year)

Level = elevation of the flood surface above Australian Height Datum (AHD)

Depth is based on 2013 LiDAR aerial survey data

Velocity = speed of the flowing flood water

Hazard is defined in Figure 6.7.9 Book 6 Chapter 7 of Australian Rainfall and Runoff 2019

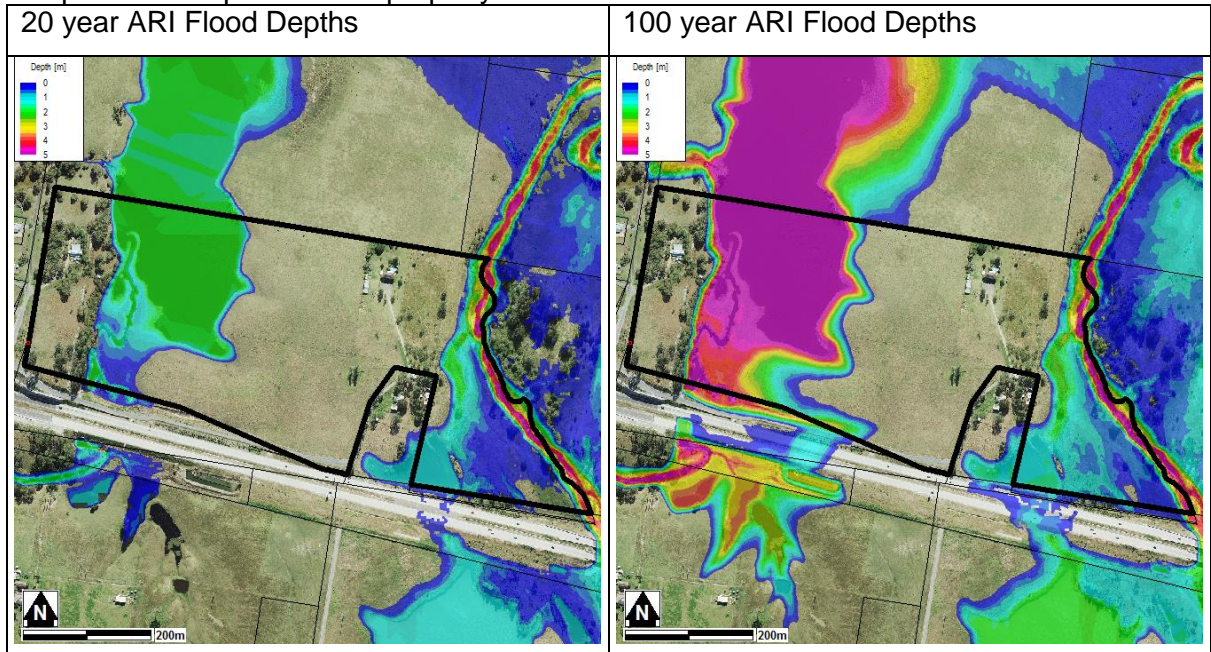
The maximums relate to the highest value within the model grid on the property parcel.

The general requirements for new development in flood-affected land are outlined in Section 3.2 of Part C Chapter 9 of the Cessnock Development Control Plan 2010.

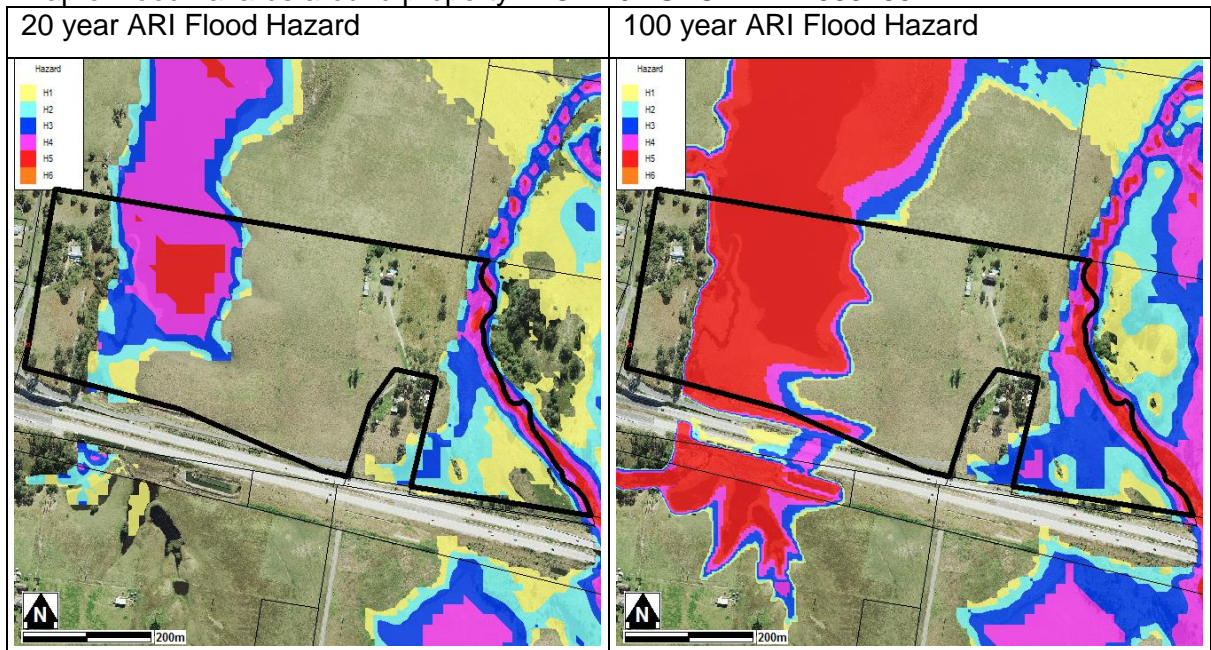
Council does not hold detailed survey information on this property and it will be necessary for you to engage a Registered Surveyor to determine the actual natural surface levels to AHD on the site to determine the extent of inundation.

Clause 7.3 of Cessnock Local Environmental Plan (CLEP) 2011 prescribes objectives and controls for the development of flood prone land. Cessnock LEP 2011 can be downloaded from Council's website. Any enquiries in relation to the development of flood prone land should be discussed with Council's Duty Planner, who is available between 9am-5pm, Monday to Friday, on 02 4993 4100, or in person at Council's Administration Office.

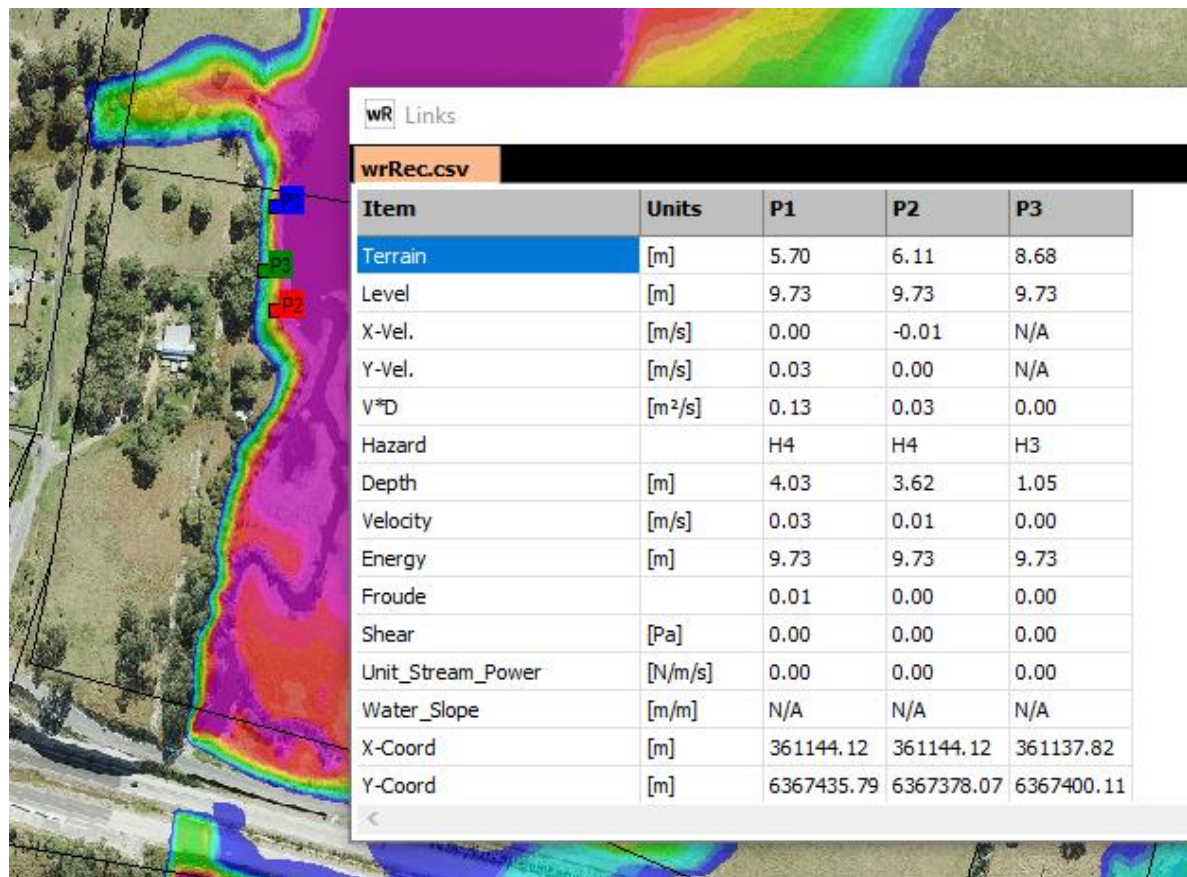
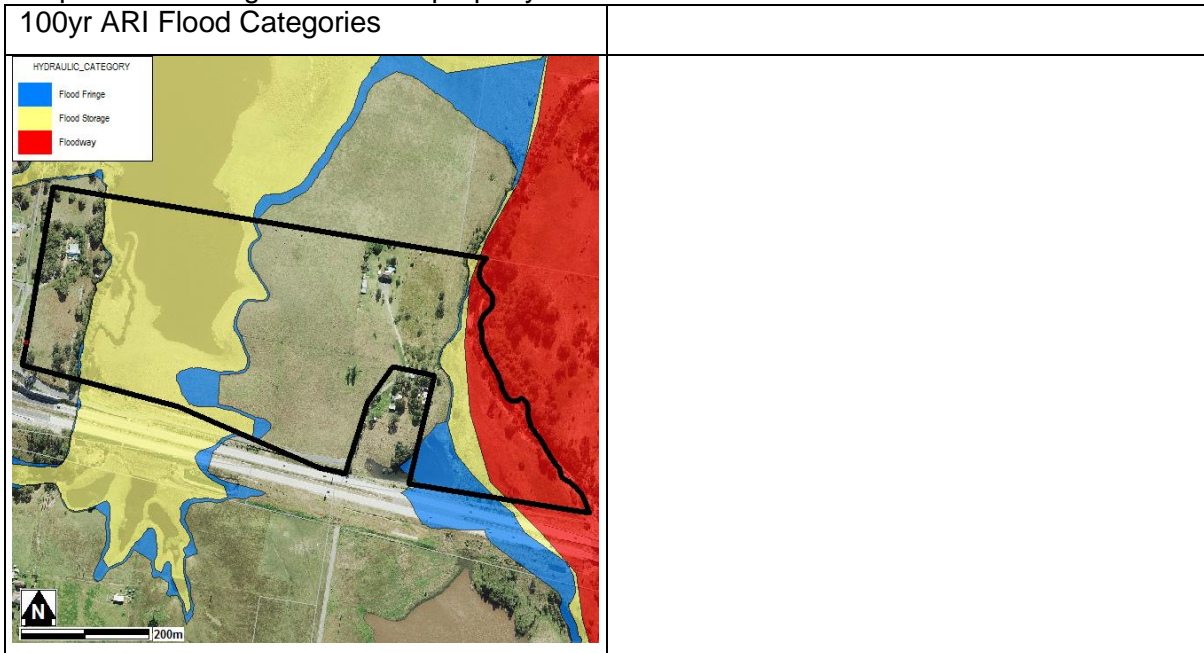
Map of flood depths around property : LOT 10 : SEC : DP 1085485



Map of flood hazards around property : LOT 10 : SEC : DP 1085485



Map of flood categories around property : LOT 10 : SEC : DP 1085485



100 year ARI Flood Spot Data – Flood level is 9.73m AHD

If you require any further information, please do not hesitate to contact Council's Customer Service on 4993 4100, or by email to council@cessnock.nsw.gov.au.

Martin Conner
Principal Engineer – Environmental Infrastructure