

SCC
 PO BOX 42
 NOWRA NSW 2541

Attention: Mr David Hojem

Dear David,

Water Pressure Certificate - 120 Flatrock Road Mundamia

In response to your water main pressure inquiry on the above lot for fire fighting purposes, the following information is provided:-

Watermain under normal conditions			Watermain under normal conditions (Hose Reel Flow)		Watermain pressure under normal conditions & provision of AS2419.1 (Hydrant Flows)				
Pressure (m)			Pressure (m)		Minimum Residual Pressure (m)				
Static	Minimum	Pressure	0.33	0.66	5	10	20	30	40
Max	Min		l/sec	l/sec	l/s	l/s	l/s	l/s	l/s
65.5	60.5	63.05	63.0	62.9	58.14	45.63	-	-	-
Minimum Pressure Based on		Watsys hydraulic model: bam-brun-2015-24hr 100715.WDT							
Approximate Ground Level (AHD)		46.50m							
Watermain serving property (NS)		100mm uPVC/12							

These results are not to be construed as an indication of availability of water supply for any proposed development, redevelopment or subdivision.

The above information provided is valid for the next 12 months from the date of this letter. Changes to the operation of the water supply system may take place from time to time.

Council's Level of Customer Service stipulate a minimum pressure of 15m at our water reticulation mains to 95% of all residential connections under normal operating conditions during summer whilst conveying a minimum of 9 litres per minute, except during fire fighting and in areas designated as low pressure areas by Council.

Although the minimum pressure heads quoted may be higher than 15 metres, these pressures may not always be available. There may also be short term operational events, resulting to changes to pressures, which Council endeavours to minimise.

It is the responsibility of the applicant to arrange for appropriate testing of the fire service installation in accordance with the requirements of relevant Australian Standards to ensure the fire service installation continues to satisfy fire fighting requirements.

The information supplied for the pressures in the water main is determined from computer modelling and no actual test of the main has been conducted by Shoalhaven Water for any proposed development, redevelopment or subdivision.

Enclosed with this letter is a plan of the reticulation mains which show the relevant information as required by the Fire Safety Division of the NSW Fire Brigade.

If you need further information about this matter, please contact Ljupco Lazarevski, Shoalhaven Water Group on (02) 4429 3255. Please quote Council's reference 2557E (D17/114776).

Yours faithfully



Ljupco Lazarevski
Unit Manager Projects / Development
11/04/2017

