

Statement of Available Pressure and Flow



Lincolne Scott
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Attention: Adam Smith

Date: 25/06/2008

Pressure & Flow Application Number: 2322220
Your Pressure Inquiry Dated: Tue June 24 2008
Property Address: 29-43A Cross St Double Bay 2028

The expected maximum and minimum pressures available in the water main given below relate to modelled existing demand conditions, either with or without extra flows for emergency fire fighting, and are not to be construed as availability for normal domestic supply for any proposed development.

ASSUMED CONNECTION DETAILS


Street Name: Cross St	Side of Street: South
Distance & Direction from Nearest Cross Street	60 metres West from Transvaal Ave
Approximate Ground Level (AHD):	2 metres
Nominal Size of Water Main (DN):	100 mm

EXPECTED WATER MAIN PRESSURES AT CONNECTION POINT

Normal Supply Conditions	
Maximum Pressure	83 metre head
Minimum Pressure	61 metre head

WITH PROPERTY FIRE PREVENTION SYSTEM DEMANDS	Flow l/s	Pressure head m
Fire Hose Reel Installations (Two hose reels simultaneously)	0.66	60
Fire Hydrant / Sprinkler Installations (Pressure expected to be maintained for 95% of the time)	10	58
	15	53
	20	45
Fire Installations based on peak demand (Pressure expected to be maintained with flows combined with peak demand in the watermain)	10	53
	15	47
	20	39
Maximum Permissible Flow	22	36

(Please refer to reverse side for Notes)

for 
Robert Wickham
Team Leader
Asset Planning