

Statement of Available Pressure and Flow

Insync Services Pty Ltd
56 Church Avenue
Mascot, 2020

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Attention: Brett Lipscombe

Date: 27/11/2012

Pressure & Flow Application Number: 8289427
Your Pressure Inquiry Dated: Tue November 13 2012
Property Address: 6 Australia Ave Sydney Olympic Park 2127

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: Herb Elliot Ave	Side of Street: South
Distance & Direction from Nearest Cross Street	50 metres West from Australia Ave
Approximate Ground Level (AHD):	17 metres
Nominal Size of Water Main (DN):	200 mm - Recycled

EXPECTED WATER MAIN PRESSURES AT CONNECTION POINT

Normal Supply Conditions	
Maximum Pressure	28 metre head
Minimum Pressure	25 metre head

WITH PROPERTY FIRE PREVENTION SYSTEM DEMANDS	Flow l/s	Pressure head m
Fire Hose Reel Installations (Two hose reels simultaneously)	0.66	25
Fire Hydrant / Sprinkler Installations (Pressure expected to be maintained for 95% of the time)	10	27
	15	27
	20	27
	25	27
	30	26
	40	26
	50	25
Fire Installations based on peak demand (Pressure expected to be maintained with flows combined with peak demand in the water main)	60	24
	10	24
	15	24
	20	24
	25	23
	30	23
	40	22
Maximum Permissible Flow	50	21
	60	20
Maximum Permissible Flow	106	13

(Please refer to reverse side for Notes)


Robert Wickham
Principal Planner
Urban Growth-Asset Services