

Water Demand Calculations



Note; Calculations carried out in accordance with Section 3.7.2 of Code of Practice for Water Infrastructure document IW-CDS-5020-03

IW Average Occupancy Ratio	2.70
Assumed Occupancy Ratio	2.70 (based on 2.7 person per dwelling)
Per Capita Consumption (Dwelling)	150 l/person/day
Average day multiplier	1.25
Peak Day multiplier	5.00

Type	No. units	Assumed Occupancy	Daily Domestic Demand (l/sec)	Average Domestic Demand (l/sec)	Peak Domestic Demand (l/sec)
Residencial Development	14	38	0.066	0.082	0.410

Waste Water Calculations



Note; Calculations carried out in accordance with Section 3.7.2 of Code of Practice for Water Infrastructure document IW-CDS-5020-03

IW Average Occupancy Ratio	2.70
Assumed Occupancy Ratio	2.70 (based on 2.7 person per dwelling)
Per Capita Consumption (Dwelling)	150 l/person/day
Growth Factor	10 %
Average day multiplier	1.00 DWF
Peak Day multiplier	6.00 DWF

Type	No. units	Assumed Occupancy	Daily DWF (l/sec)	Average DWF (l/sec)	Peak DWF (l/sec)
Residencial Development	14	38	0.072	0.072	0.433