

PLOUGHMANS ARMS ESTATE

FACT SHEET

WATER TANK REQUIREMENTS AS PER ITEM 14 WITHIN THE PROTECTIVE COVENANT

We at Ploughmans Arms Estate along with Central Highlands Water would like to encourage the use of rain water tanks within all homes in our estate.

WHY WATER TANKS?

The roof on your home has the potential to collect rainwater for your use, storing that water in a tank is one way it can be there ready for your use when required. Central Highlands Water, Ballarat West PSP Portable Water Demand Target is 124.2 Litres per person per day, installing water tanks to each dwelling is one way to help CHW achieve this target.

WHEN TO INSTALL YOUR THE TANK?

The water tank to your dwelling is best to be installed during the construction of your home.

WHO INSTALLS THE TANK?

Installation of your tank is done by a plumber, which your Builder can arrange. You are encouraged to install your tank at the side or rear of your home.

SIZE / TYPE OF TANK?

Water tanks come in many different shapes, sizes & colours. Based on the Ploughmans Arms Estate Water Volume Guide, we recommend that the tank be at least 2,000 litres in storage. Shape & colour are the home owners own choice.

RECOMMENDATION AT PLOUGHMANS ARMS ESTATE

Based on the Ploughmans Arms Estate Water Volume Guide, the tank should collect 30sqm of roof area and be plumbed to toilets or the external tap for gardening.

CAN I CHOOSE TO HAVE A LARGER TANK?

Each dwelling is encouraged to install the minimum 2,000lt tank, but YES you may increase the size and roof catchment should you wish to do so.

VOLUME GUIDE

TO WORK OUT THE VOLUME OF WATER USED IN YOUR HOUSEHOLD, HERE IS A GUIDE (PER DAY)

	NO. PERSONS IN HOUSEHOLD	X	NO. USES PER PERSON PER DAY	X	VOLUME OF WATER PER USE (see guide below)	TOTAL
EXAMPLE: TOILET	4 people	X	5 uses	X	3 litres per flush	60 litres
TOILET						
SHOWER						
BATH						
DISHWASHER IN THE SINK						
AUTOMATIC DISHWASHER						
CLOTHES WASHING MACHINE						
GENERAL USE (washing hands, brushing teeth etc)						
WATERING THE GARDEN						
DRIPPING TAPS OR LEAKS						

*Multiply the final figure by the number of days your area may go without rain in a dry period

THE TOILET: A dual flush uses 3 litres for a single flush & 6 litres for a full flush. A single unit uses 9 - 11 litres per flush.

THE SHOWER: A water saving shower rose uses approx 8 litres per minute. An older style shower rose approx 12 litres per minute.

THE BATH: A bath uses between 50-150 litres of water per fill.

DISHWASHING BY HAND: It takes between 15-18 litres to fill a kitchen sink.

AUTOMATIC DISHWASHERS: Modern dishwashers use approx 15 litres for a fast cycle and 20 litres for a normal cycle.

CLOTHES WASHING MACHINE: A modern front loading machine uses 50 litres on a normal cycle, a top loader uses 120-150 litres on a normal cycle.

GENERAL USE: Such as handwashing, brushing teeth, cooking & household cleaning = approx 18 litres per person per day.

WATERING THE GARDEN: A garden sprinkler uses approx 1,000 litres of water per hour.

DRIPPING TAPS OR LEAKING TOILETS: Three drops per second = approx 68 litres per day

*NOTE: 1mm of rain on 1m² of roof area = 1 litre catchment water.