

Water Allowance

The allocated daily and annual water allowance for properties within the Mitiamo Water Supply District are as follows:

House

Peak (Summer) Day – 7,000 litres/day
Maximum Annual Water Use Allowance – 1.73 megalitres/year (1 megalitre = 1 million litres)

The allocation of 7,000 litres per day is equivalent to the water allowance assumptions that have been applied in the design of other major pipeline projects of this kind, and is more than adequate to meet typical house and garden requirements in the Mitiamo Pipeline Project area.

The approximate breakdown of this household summertime daily usage typically occurs as follows:

- 1,000 litres personal use
- 500 litres cooling (based on evaporative cooling systems)
- 3,500 litres per day for garden use (based on garden size 600m², watering rate 5.8 litres per day per square metre)
- 2,000 litres contingency

Note

Goulburn-Murray Water provides a raw water product to our customers and does not provide treatment services. Water supplied by Goulburn-Murray Water is not suitable for drinking without first being properly treated.

Stock

Peak (Summer) Day – 13.7 litres/hectare/day
Maximum Annual Water Use Allowance – 3,021 litres/hectare/year (0.003 megalitres/ha/year)

Rates are based on a range of data including consumption of dry sheep, lactating ewes and lambs. Figures will be based on the Design Criteria used for the East Loddon south pipeline which has similar enterprises, stocking rates and climate.

For customers whom have alternative stocking regimes or stock types, the on-farm storage capacities will need to be varied to accommodate for increased peak demands.

Note

Spraying typically requires 50-80 litres per hectare for the area being sprayed, depending on the equipment used. During crop spraying, tanks will typically be drawn down more rapidly for a short period.

In planning the volume of on-farm storage, the requirement of 4 peak summer days, combined with normal tank recovery by pipeline filling, needs to meet these short-term spraying requirements.

This has been confirmed by the similar Northern Mallee, Normanville and Tungamah pipeline schemes in Northern Victoria, which have now been operating for a number of years.

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