

# Bemboka water supply system

## Drought Management Action Plan 2019-20

Water supply zone: Bemboka village

Monitoring location and type	Drought Management Stage	Water Availability Stage	Individual Daily Extraction Limit (IDEL) (ML/d)	Trigger Level for Actions	Supply-Side Actions	Demand-Side Actions (e.g. water restrictions)	Demand Reduction Target (%)
a. Bega River @ Kanoona (219032) b. Bemboka River @ pump station c. Cochrane Dam	Drought Preparation	High Bega River flow (B)	b. 0.2	a. >65 ML/d	1. Pump water from the Bemboka River to meet demand.	1) Permanent Water Wise Measures. 2) Ensure reservoir flowmeters are reading accurately to enable demand reduction target analysis	0
		Moderate Bega River flow (A)	b. 0.2	a. ≤65 ML/d c. drought reserve release is imminent	2. As per 1). 3. Liaise with operator of Cochrane Dam, DPIE-Water, Bega Cheese and BVWUA in relation to river flows and TDELs along Upper Bega/Bemboka Rivers water source.	3) As per 1) and 2). 4) Review mains flushing program and suspend as appropriate.	1
	Drought Response	Low flow	b. 0.1	c. Drought reserve release and expectation of continuation	4. As per 1) and 3).	5) Introduce <u>Level 1 water restrictions</u> . 6) Provide appropriate media/community news about water supply situation, water restrictions and website information. 7) Implement process to manage applications for variations. 8) Investigate water pressure management options.	10
		Very low flow	b. 0.1	c. drought reserve release continuing and approx. 300ML, ≤11% remaining	5. As per 1) and 3).	9) Introduce <u>Level 2 water restrictions</u> . 10) As per 6) and 7). 11) As per 8) and implement as appropriate.	15
		Emergency level 1	b. 0.1	c. drought reserve release continuing and approx. 135 ML, ≤5% remaining	6. Pump water intermittently from the river as available and/or cart water to Bemboka village reservoir from Bega.	12) Introduce <u>Level 3 water restrictions</u> . 13) As per 6). 14) Suspend applications for variations process and cancel all prior approvals. 15) No public watering of public parks, gardens and playing fields.	20
		Emergency level 2	b. 0.1	b. insufficient water at pump station	7. Cart water to Bemboka village reservoir from Bega.	16) Introduce <u>Level 4 water restrictions</u> . 17) As per 6), 14) and 15) 18) Water is for minimum health and sanitation requirements only.	30
		Emergency level 3	b. 0.1	b. no water at pump station and carting water for 1 month.	8. As per 7).	19) As per 6), 14), 15) and 18).	50

## Water Restrictions Levels

Level	Garden watering	Fixed sprinklers and unattended hoses	Watering of paved areas	Drip irrigation systems and micro-sprays	Watering of lawns	Washing of vehicles/boats & topping up of swimming pools
<b>ONE</b>	One hand-held hose per property may be used 6-8 am AND 6-8 pm <sup>1</sup>	Not permitted	Not permitted	May only be used if fixed to a single tap per property and only in lieu of a hand-held hose	As per garden watering	As per garden watering <sup>3</sup>
<b>TWO</b>	One hand-held hose per property may be used for a maximum of 60 MINUTES PER DAY under an Odds and Evens <sup>2</sup> system between: 6-8 am OR 6-8 pm <sup>1</sup>	Not permitted	Not permitted	Not permitted	As per garden watering	As per garden watering <sup>3</sup>
<b>THREE</b>	Bucket watering only between: 6-8 am OR 6-8 pm <sup>1</sup>	Not permitted	Not permitted	Not permitted	Not permitted	As per garden watering <sup>3</sup>
<b>FOUR</b>	Not permitted	Not permitted	Not permitted	Not permitted	Not permitted	Not permitted

<sup>1</sup> Times shown are for Daylight Saving Time. Eastern Standard Time times are 6-9 am and 4-7 pm.

<sup>2</sup> Odds and Evens System – Houses (residential or multi-residential) with an odd street number may water on odd-numbered days of the month. Houses (residential or multi-residential) with an even street number may water on even-numbered days of the month. No odds and evens system applies for the 31<sup>st</sup> of January, March, May, July, August, October, December or the 29<sup>th</sup> February, however all other level 2 restrictions apply.

<sup>3</sup> Vehicles and boats should be washed on lawns wherever possible using buckets. A hose may be used for a final rinse under levels 1, 2 and 3