

2.4 Macalister River

Variation to the Seasonal Watering Plan 2018-19

This variation was made to the Macalister system section of the *Seasonal Watering Plan 2018-19* at the VEWH Commission meeting on 29 March 2019.

Please note the amended text in red below.

Table 2.4.1 Potential environmental watering actions and objectives for the Macalister system

Potential environmental watering	Environmental objectives
<i>Macalister River reaches 1 and 2</i>	
Autumn/winter low flow (35-90 ML/day in April–August)	<ul style="list-style-type: none"> • Provide longitudinal connectivity • Provide habitat for waterbugs • Maintain water quality in pools • Maintain areas of slow-moving water for submerged aquatic vegetation
Spring low flow (90 ML/day in September–December)	<ul style="list-style-type: none"> • Provide longitudinal connectivity
Spring fresh (1,500 ML/day for 3 days in September–October)	<ul style="list-style-type: none"> • Scour sediment exposing fresh habitat areas • Provide food and habitat for waterbugs
<i>Macalister River reach 2</i>	
Autumn fresh (350 ML/day for 4–5 days in April–May)	<ul style="list-style-type: none"> • Trigger downstream migration and spawning of Australian grayling
Winter fresh (700 ML/day for 4–5 days in June–August)	<ul style="list-style-type: none"> • Trigger downstream migration and spawning of tupong and Australian bass
Spring/summer fresh (700 ML/day for up to 5 days in September–December)	<ul style="list-style-type: none"> • Trigger upstream migration and recruitment for juvenile fish • Trigger upstream migration for lampreys and eels
Summer/autumn fresh (140 ML/day for 3 days in December–May)	<ul style="list-style-type: none"> • Provide sufficient depth to allow fish to move throughout the reach • Flush pools to maintain water quality