

Attachment 1: Variation to tables 5.7.5 and 5.7.6 of the Seasonal Watering Plan 2025-26

Changes are shown in red text

Table 5.7.5 Potential environmental watering actions, expected watering effects and associated environmental objectives for the Boort Wetlands.

Potential environmental watering action	Expected watering effects	Environmental objectives
Lake Meran		
Top up (maintain water level above 77.3m AHD)	<ul style="list-style-type: none"> • Maintain refuge and promote recruitment of freshwater turtles, in particular Murray River Turtles • Provide feeding and breeding opportunities for waterbirds • Allow herb-land species above the high-water mark to germinate and complete their life cycles 	A1 B1 M1 T1 V1, V2
Lake Yando		
Top-up (in spring/summer)	<ul style="list-style-type: none"> • Support breeding habitat for waterbirds, frogs and turtles over spring and summer after winter/spring inundation • Support the growth of planted river red gums and other aquatic and herbland vegetation • Allow aquatic and semi-aquatic plants to complete their life cycles and set seed, to maintain a viable seedbank 	A1 B1 M1 T1 V1, V2
Partial fill (in autumn)	<ul style="list-style-type: none"> • Drown terrestrial weeds and trigger the early germination of aquatic vegetation, which in turn would promote the early establishment of aquatic vegetation • Facilitate the early establishment and proliferation of waterbug populations, which will become important food sources for waterbirds • Provide wetland habitat for waterbirds, frogs and turtles over autumn/winter • Continue supporting the growth of planted river red gums and other aquatic and herbland vegetation 	A1 B1 M1 T1 V1, V2

Table 5.7.6 Potential environmental watering planning scenarios, Boort Wetlands

Planning scenario	Drought	Dry	Average	Wet
Expected conditions	<ul style="list-style-type: none"> No natural inflow to wetlands 	<ul style="list-style-type: none"> Minimal natural inflow to wetlands from local catchment run-off is possible 	<ul style="list-style-type: none"> Moderate inflow from local catchment run-off, but little, if any, inflow from nearby creeks or flood runners 	<ul style="list-style-type: none"> Extended durations of high flow and overbank flow from creeks and flood runners, which fill most wetlands
Expected availability of water for the environment ¹	<ul style="list-style-type: none"> 15,327 ML 	<ul style="list-style-type: none"> 18,610 ML 	<ul style="list-style-type: none"> 20,844 ML 	<ul style="list-style-type: none"> 18,035 ML
Potential environmental watering – tier 1 (high priorities)	<ul style="list-style-type: none"> Lake Meran (top-up) Lake Yando (partial fill in autumn) 	<ul style="list-style-type: none"> Lake Meran (top-up) Lake Yando (partial fill in autumn) 	<ul style="list-style-type: none"> Lake Meran (top-up) Lake Yando (partial fill in autumn) 	<ul style="list-style-type: none"> Lake Yando (top-up in spring/summer)
Potential environmental watering – tier 2 (additional priorities)	<ul style="list-style-type: none"> N/A 			<ul style="list-style-type: none"> Lake Yando (partial fill in autumn)
Possible volume of water for the environment required to achieve objectives	<ul style="list-style-type: none"> 1,400 ML (tier 1) 	<ul style="list-style-type: none"> 1,300 ML (tier 1) 	<ul style="list-style-type: none"> 1,300 ML (tier 1) 	<ul style="list-style-type: none"> 300 ML (tier 1) 200 (tier 2)
Priority carryover requirements for 2026-27	<ul style="list-style-type: none"> 500 ML 			

¹ Loddon system entitlements are shared between the Loddon River system and the Boort wetlands.