

5.2.5 Lower Murray wetlands

Variation to the Seasonal Watering Plan 2018-19

This variation was made to the Lower Murray wetlands section of the *Seasonal Watering Plan 2018-19* at the VEWB Commission meeting on 19 September 2018.

Please note the amended text in red below.

Table 5.2.13 Potential environmental watering actions and objectives for the lower Murray wetlands

Potential environmental watering	Environmental objectives
Wetland watering	
Bidgee Lagoons (fill in spring/summer)	<ul style="list-style-type: none"> Maintain and promote the growth of vegetation that aligns with floodplain grassy wetland, pond herbland and shrubby riverine woodland ecological vegetation classes
Butlers Creek/Ducksfoot Lagoon (fill in spring/summer)	<ul style="list-style-type: none"> Provide feeding habitat for waterbirds Control noogoora burr
Brickworks Billabong (fill in spring or partial fill in autumn, as needed to maintain water-quality targets and minimum water level)	<ul style="list-style-type: none"> Maintain and improve the condition of aquatic vegetation and water quality to increase the population of Murray hardyhead
Cardross Lakes Basin 1 East and West (partial fill in spring or as required to maintain water-quality targets and minimum water level)	
Koorlong Lake (partial fill as needed to maintain water-quality targets and minimum water level)	
Bullock Swamp (fill in winter/spring)	<ul style="list-style-type: none"> Provide freshwater inflows and flushing flows to reduce salinity levels and improve the condition and diversity of wetland vegetation. Improve ecological function
Burra Creek North (fill in autumn)	<ul style="list-style-type: none"> Rehabilitate seasonal connectivity along Burra Creek Improve the health and structure of the vegetation Stimulate the growth of emergent and semiemergent aquatic vegetation
Burra Creek South (fill in autumn)	
Burra Creek South Proper (fill in winter/spring)	
Carina Bend wetlands (fill in winter/spring)	<ul style="list-style-type: none"> Improve the condition of mature river red gum Provide aquatic habitat to support fish and frogs Provide habitat for waterfowl
Cowanna Billabong (fill in winter/spring)	<ul style="list-style-type: none"> Increase wetland productivity Provide feeding habitat for waterbirds
Inlet Creek Karadoc Swamp (fill in winter)	<ul style="list-style-type: none"> Improve the condition of mature black box trees Provide habitat to support frogs and fish Provide habitat for waterbirds
Keera Wetland 1 (fill in spring)	

Potential environmental watering	Environmental objectives
Keera Wetland 2 (fill in spring)	<ul style="list-style-type: none"> Promote the growth of vegetation that aligns with the intermittent swampy woodland, lignum shrubland and lignum swampy woodland ecological vegetation classes
Lake Hawthorn (partial fill in spring or as required to maintain water at the minimum level)	<ul style="list-style-type: none"> Support the growth of aquatic vegetation Reintroduce saline marsh habitat Provide habitat for waterbirds
Liparoo East (fill in winter)	<ul style="list-style-type: none"> Support seasonal habitat for small native fish
Liparoo West (fill in winter)	<ul style="list-style-type: none"> Provide feeding habitat for waterbirds Maintain aquatic vegetation
Margooya Lagoon (fill in winter/spring/summer)	<ul style="list-style-type: none"> Improve the condition of river red gums Improve the native fish assemblage of the lagoon Rehabilitate submerged aquatic vegetation in the open-water areas of the wetland
Nyah Floodplain (fill in spring/summer) Vinifera Floodplain (fill in autumn)	<ul style="list-style-type: none"> Improve the condition and structure of wetland vegetation Provide seasonal feeding and reproductive opportunities for native fish Reestablish resident populations of frogs and small fish Provide breeding habitat for waterbirds including colonial nesting species Rehabilitate floodplain productivity to maintain the resident populations of terrestrial animals including carpet pythons, sugar gliders and grey-crowned babbler
Planigale Wetland (fill in winter/spring)	<ul style="list-style-type: none"> Promote the growth of vegetation that aligns with the intermittent swampy woodland, lignum swampy woodland and riverine chenopod ecological vegetation classes Improve habitat for mammals and reptiles Support growling grass frogs
Tata North (fill in winter/spring)	<ul style="list-style-type: none"> Maintain the health and structure of river red gum communities
Sandilong Creek (fill in spring/summer)	<ul style="list-style-type: none"> Support catfish recruitment Maintain fringing terrestrial vegetation
Woolshed Creek (fill in winter/spring)	<ul style="list-style-type: none"> Improve the condition of woodland vegetation Improve habitat for mammals and reptiles Support growling grass frogs
Yungera Wetland (fill in winter/spring)	<ul style="list-style-type: none"> Maintain and improve the health of river red gum and other floodplain trees
Wakool Creek (fill in spring/summer)	<ul style="list-style-type: none"> Promote healthy and productive lignum shrubland Provide habitat for waterbird nesting and roosting

Wetland drying

Bridge Creek, Heywood Lake, J1 Creepline, Kings Billabong, Lake Carpul, Lake Powell, Little Heywood Lake, Neds Corner Central, Neds Corner East, Pound Bend Eastern wetlands, Robertson Wetland, Sandilong Billabong, Tata South

- These wetlands will not be actively watered in 2018–19
- Drying will promote the growth and establishment of vegetation in and surrounding the wetland, priming the system to support a wide range of wetland-dependent birds and animals