

## Watering Objectives

### Environmental Watering Objectives for Major Ecological Components of Lachlan Wetlands

Wetland watering requirements are outlined in a number of documents including Davis et al 2001, Roberts and Marston (2000; 2011). These water requirements will be refined for Lachlan wetlands over time as more information becomes available through monitoring and evaluation, as part of the adaptive management process.

Environmental watering objectives and water requirements of the ecological components found in many lower Lachlan wetlands are outlined in the table below.

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#### **Watering Objectives, Timing, Inundation Duration, Preferred Flooding Frequency**

Maintain and restore River Red Gum forest, June–November, 5–7 months, Every 1 to 3 years

Maintain and restore Black Box woodland, June–November, 2–4 months, Every 3 to 5 years

Maintain and restore Lignum, Less seasonal, 3–8 months, Every 2 to 8 years

Maintain and restore the Reed Bed, Less seasonal, 3–10 months, Every 1 to 4 years

Provide flows to support moderate–large colonial waterbird breeding events, June–November, 4–6 months, Every 3 to 4 years

Maintain and restore open water lagoons, June–November, 4–12 months, Every 1 to 3 years

Maintain drought refuges for fish and waterbird habitat, Less seasonal, Permanent,,

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