

# Pollack Watering Event 2022/23 Notes – March 4<sup>th</sup>

## Delivery

- Delivery of managed recession continues at a reduced rate via inlet #1 only
- A total of 80ML was delivered last week
- Water depth at the swamp centre is 0.800m, a fall of 25mm for the week
- Extent of inundation remains unchanged at 150ha
- Flood water separation has occurred between the main swamp and NW aboriginal ponds.

Table 1: Delivery summary

Delivery W/E		Delivery for 2022/23 Event		
Average Daily Delivery	Total Delivered	Average Daily Delivery	Total Delivered	Remaining Allocation
11.5ML/d	80ML	15 ML/d	1,891ML	1,609ML

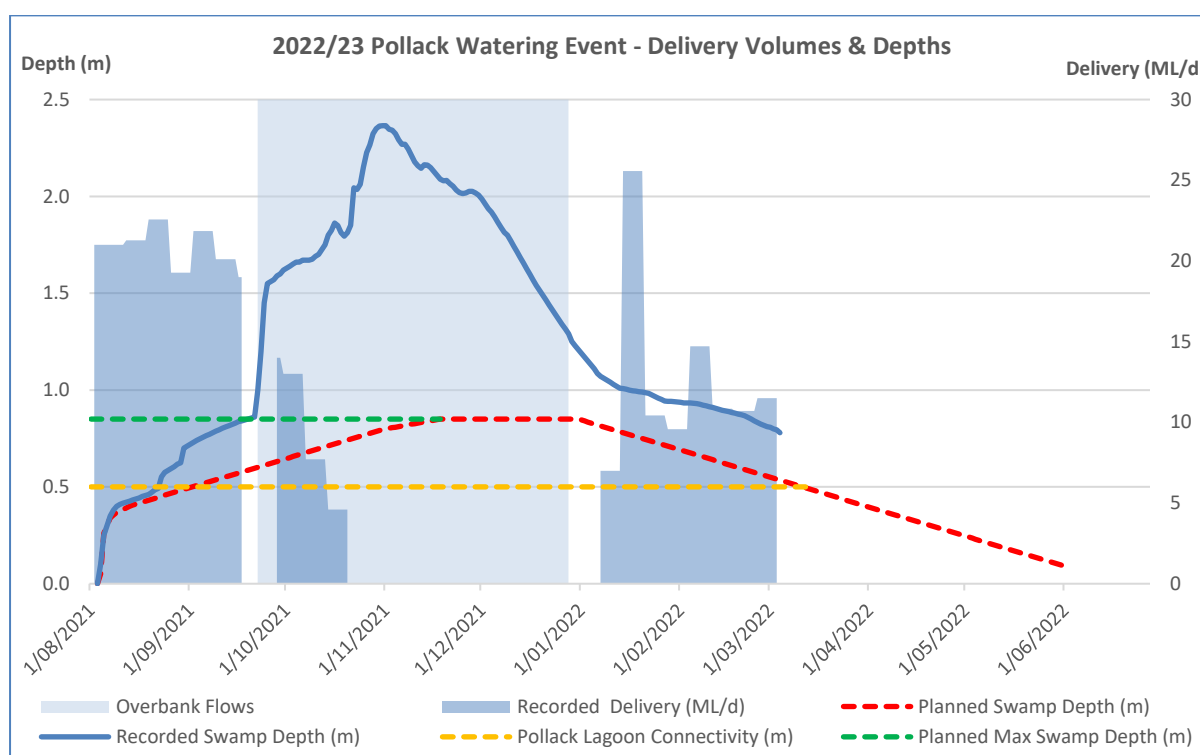


Figure 1: Graph indicating the average delivery rate (ML/day), planned and recorded depths (m) at the swamp centre.

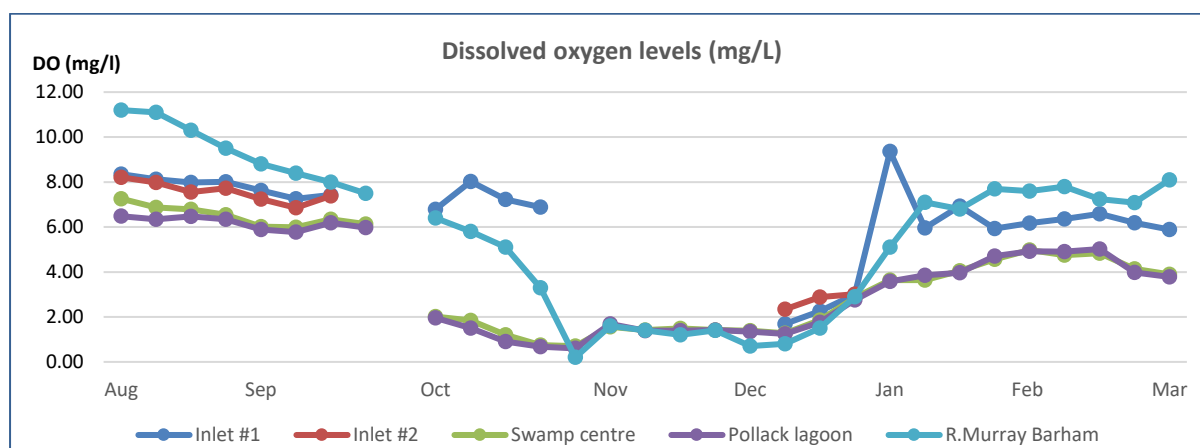


Figure 2: Dissolved oxygen levels (mg/L) recorded at four sites at the Pollack and the Murray River Barham.



### General observation summary

- Delivery of managed recession continues in order to maintain water beneath the colony and productive foraging areas to support colonial waterbird breeding cycle.
- Flood water have receded to the colony perimeter in some locations.
- Waterbird breeding continues with 46 species recorded present and 28 successfully breeding.
- Colony numbers have reduced by approximately 2/3 as fledging of the heron species continues.
- Chicks of late arrivals continue to hatch.
- DO levels are now close to 4mg/l across the site.



Figure 3: Although many chicks have fledged, chicks of late arrivals continue to hatch.

