

Pollack Watering Event 2022/23 Notes – December 29th

Delivery

- Natural inflows via Pollack Ck & Barbers Overflow have ceased
- Inundation has receded to the main swamp, Pollack lagoon and flood runners
- Water depth at the Swamp centre is 1.250m, a fall of 290mm over ten days.

Table 1: Delivery summary

Delivery W/E 29 th Dec		Delivery for 2022/23 Event		
Average Daily Delivery	Total Delivered	Average Daily Delivery	Total Delivered	Remaining Allocation
0	0	16.9ML/d	1,189ML	2,311ML

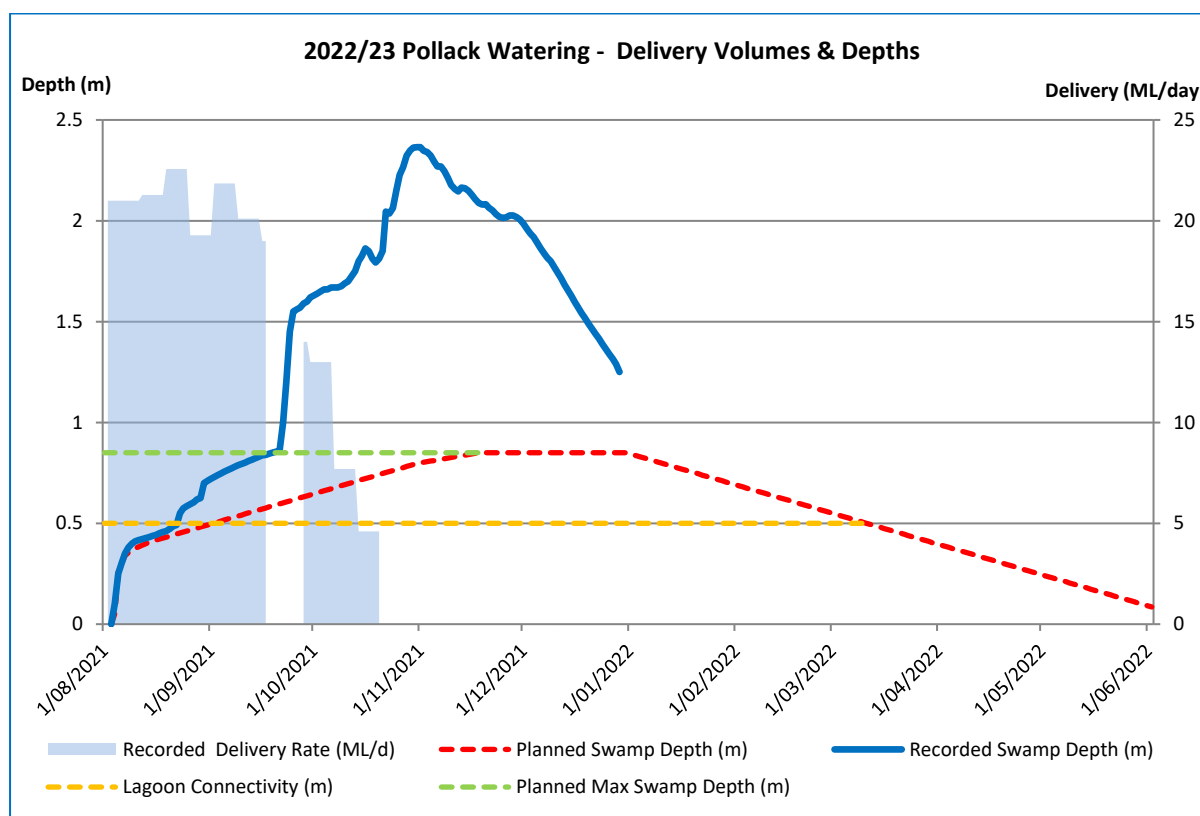


Figure 1: Graph indicating the average delivery rate (ML/day), planned and recorded depths (m) at the swamp centre.

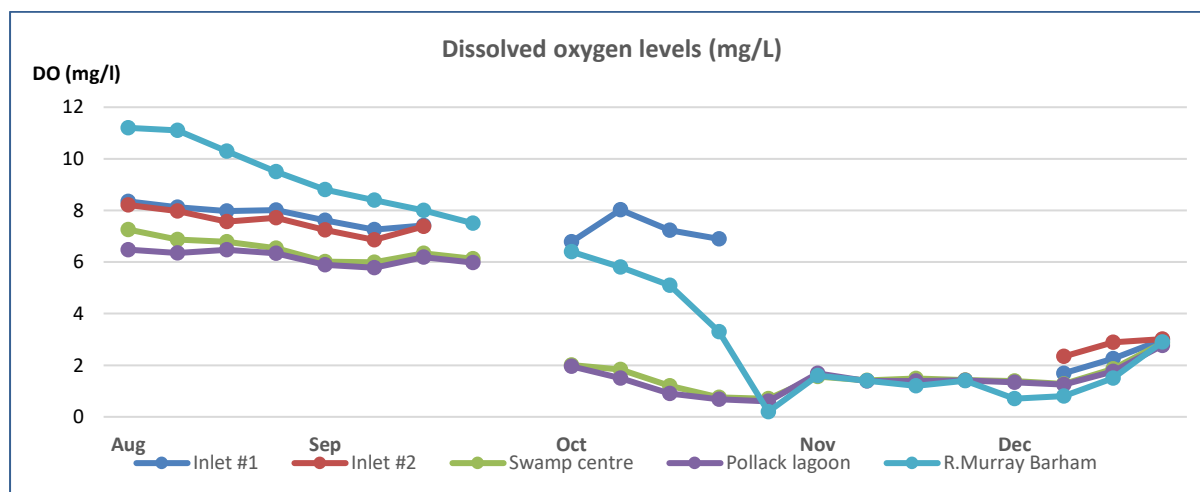


Figure 2: Dissolved oxygen levels (mg/L) recorded at four sites at the Pollack and the Murray River Barham.



General observation summary

- DO levels between 2 & 3mg/l
- Waterbirds abundance continues to increase, twenty-two species have commenced their breeding cycle; colony now contains several hundreds of pairs, species include Little pied & Black cormorants, White-necked, White faced and Nankeen night heron, Eastern great & Intermediate egrets and Yellow-billed spoonbills.
- Regular monitoring waterbird species and numbers continues.

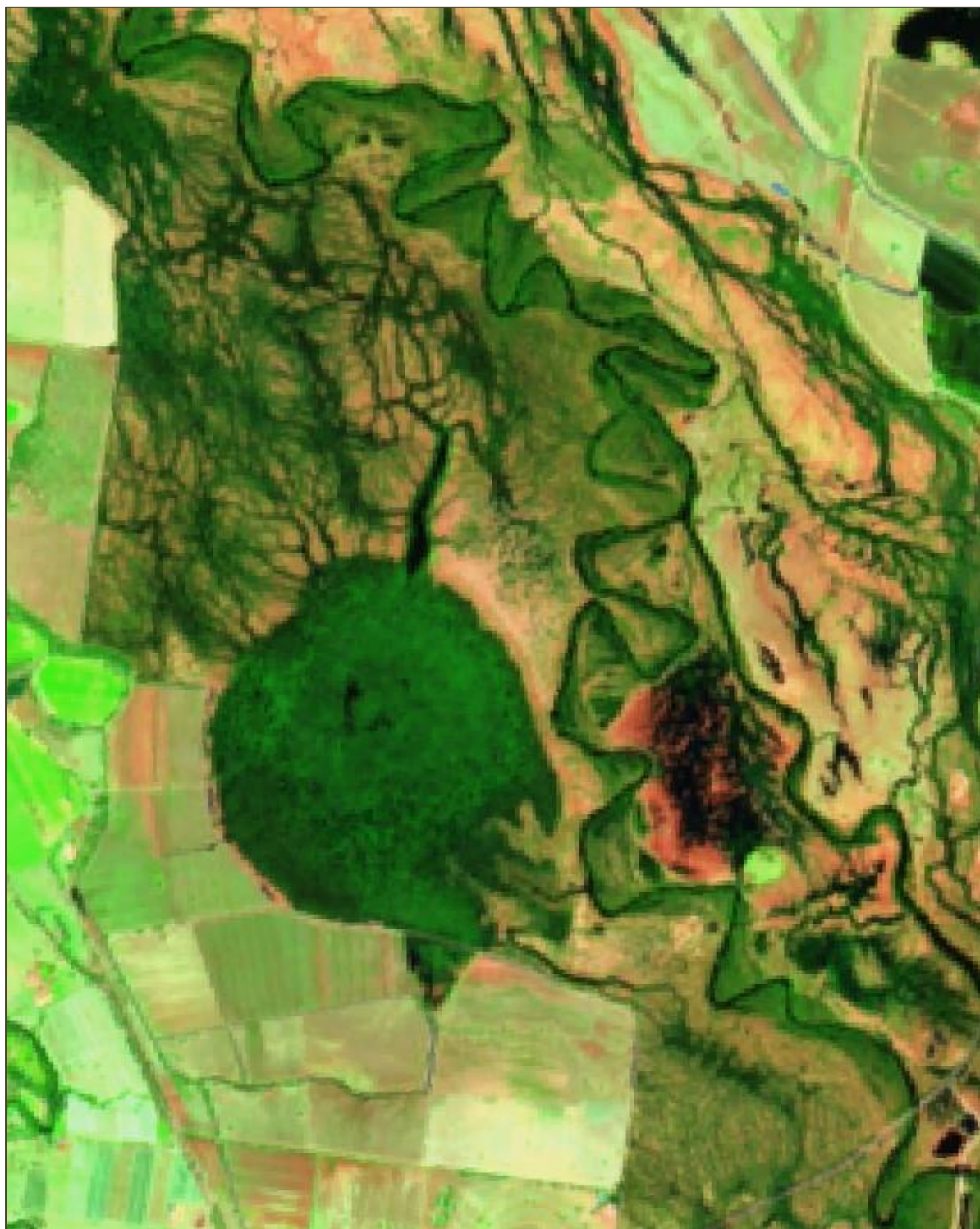


Figure 3: Landsat image 26/12/2022 showing the extent of recession (Sentinelhub 2022).





Figure 4: Many Nankeen night heron chicks have now fledged.





Figure 5: a small number of Yellow-billed spoonbill are nesting across the site.

