

## L. Summary of Water Quality Monitoring associated with Ecological Monitoring conducted

**Table L1. Water quality at WRA during the reporting month**

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turbidity (NTU)	DO (mg/L)	Water Level Monitoring (cm)	
						1 Oct 2025	29 Oct 2025
1	31.6	7.2	0.1	29.7	4.3	210	200
2	30.4	7.3	0.1	7.7	4.0	180	165
3	31.4	7.3	0.1	7.1	4.3	220	205
4	31.9	7.4	0.1	21.3	6.0	210	200
Action Level	-	<6.5 or >8.0	>2	-	<2	<150 or >250	
Limit Level	-	<6.0 or >8.5	>5	-	<1	-	

**Notes:**

1. Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underlined** indicate that limit level is reached.
2. Water level monitoring was conducted on 1 and 29 October 2025.
3. Monitoring of all other parameters was conducted on 15 October 2025.

**Table L2. Water quality monitoring (Laboratory Testing) at WRA during the reporting month**

Monitoring Locations	Ammonia-N (mg/L)	NOx-N (mg/L)	Reactive P (mg/L)	Total P (mg/L)	BOD (mg/L)
Cell 1-1	0.07	<0.01	0.02	0.11	2
Cell 1-2	0.05	<0.01	0.02	0.10	2
Cell 1-3	0.03	<0.01	0.02	0.12	2
Cell 2-1	0.01	<0.01	0.03	0.14	2
Cell 2-2	0.03	<0.01	0.05	0.14	3
Cell 2-3	0.04	<0.01	0.03	0.11	2
Cell 3-1	0.04	<0.01	0.08	0.17	2
Cell 3-2	0.03	<0.01	0.05	0.14	3
Cell 3-3	0.04	<0.01	0.05	0.14	2
Cell 4-1	0.03	<0.01	<0.01	0.14	4
Cell 4-2	0.02	<0.01	<0.01	0.14	3
Cell 4-3	0.04	0.03	<0.01	0.16	2
Action Level	>3	>5	-	>5	-
Limit Level	>6	>10	-	>10	-

Notes:

1. Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underlined** indicate that limit level is reached.
2. Monitoring of additional parameters was conducted on 15 October 2025.