

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)	
						7 Apr 2026	28 Apr 2026
1	28.6	7.8	0.2	62.7	9.1	150	140
2	27.2	7.6	0.2	49.2	8.2	125	120
3	28.7	7.7	0.2	22.5	9.9	160	160
4	28.6	7.8	0.2	9.7	7.4	130	130
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 7 and 28 April 2026.
3. Monitoring of all other parameters was conducted on 21 April 2026.

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	0.05	<0.01	<0.01	0.27	8
Cell 1-2	0.05	<0.01	<0.01	0.27	8
Cell 1-3	0.05	<0.01	<0.01	0.31	10
Cell 2-1	0.02	<0.01	<0.01	0.21	7
Cell 2-2	0.02	<0.01	<0.01	0.22	7
Cell 2-3	0.02	<0.01	<0.01	0.24	7
Cell 3-1	0.02	<0.01	0.01	0.22	7
Cell 3-2	0.03	<0.01	0.01	0.22	7
Cell 3-3	0.02	<0.01	<0.01	0.23	7
Cell 4-1	0.03	<0.01	<0.01	0.15	6
Cell 4-2	0.03	<0.01	<0.01	0.14	4
Cell 4-3	0.03	<0.01	0.01	0.17	4
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 28 April 2026.