

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 April 2025	22 April 2025
1	24.2	7.4	0.2	181.2	8.4	140	135
2	25.5	7.9	0.2	46.9	8.9	115	110
3	25.6	7.8	0.2	59.0	8.6	160	155
4	24.5	7.7	0.2	18.8	8.9	155	140
Action Level	-	<6.5 or >8.0	>2	-	<2	<150 or >250	
Limit Level	-	<6.0 or >8.5	>5	-	<1	-	

Notes:

- Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underlined** indicate that limit level is reached.
- Water level monitoring was conducted on 1 and 22 April 2025.
- Monitoring of all other parameters was conducted on 16 April 2025.

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

Cell No.	Ammonia-N mg/L	NOx-N mg/L	Total P mg/L	Reactive P mg/L	BOD mg/L
Cell 1-1	0.19	<0.01	0.44	<0.01	20.0
Cell 1-2	0.25	0.02	0.43	<0.01	19.0
Cell 1-3	0.23	0.03	0.42	<0.01	20.0
Cell 2-1	0.26	0.03	0.36	0.02	24.0
Cell 2-2	0.18	0.03	0.36	<0.01	29.0
Cell 2-3	0.19	0.03	0.37	<0.01	30.0
Cell 3-1	0.08	0.02	0.05	0.02	<2.0
Cell 3-2	0.08	0.02	0.04	0.02	<2.0
Cell 3-3	0.08	0.02	0.04	0.02	<2.0
Cell 4-1	0.86	0.08	0.15	<0.01	8.0
Cell 4-2	0.91	0.06	0.14	<0.01	8.0
Cell 4-3	0.78	0.08	0.14	<0.01	9.0
Action Level	>3	>5	>5	-	-
Limit Level	>6	>10	>10	-	-

Note:

- Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underlined** indicate that limit level is reached.
- Monitoring of additional parameters was conducted on 16 April 2025.