

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:

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 22 April 2025.
3. 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:

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 16 April 2025.