

K. Summary of Water Quality Monitoring associated with Ecological Monitoring conducted

Table K1. Water quality at WRA during the reporting month

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turbidity (NTU)	DO (mg/L)	Water Level (regular monitoring) (cm)	Additional Water Level Monitoring (cm)
1	31.8	7.5	0.12	7.6	7.12	160	160
2	31.4	7.4	0.16	6.5	6.31	140	140
3	31.6	7.3	0.15	8.9	7.30	170	180
4	31.8	7.3	0.15	4.9	7.32	170	170
Action Level	-	<6.5 or >8.0	>2	-	<2	<150 or >250	<150 or >250
Limit Level	-	<6.0 or >8.5	>5	-	<1	-	-

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 all parameters was conducted on 18 September 2019 whilst additional water level monitoring was conducted on 27 September 2019.

Table K2. Water quality monitoring (Laboratory Testing) at WRA during the reporting month

Cell No.	Ammonia (mg/L)	Total oxidized nitrogen (mg/L)	Total P (mg/L)	Reactive P (mg/L)	BOD (mg/L)
1	0.04	0.04	0.04	<0.01	<2
2	0.10	0.12	0.04	<0.01	<2
3	0.05	0.05	0.03	<0.01	<2
4	0.03	0.04	0.03	<0.01	<2
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 18 September 2019.