

Appendix D. Summary of Water Quality Monitoring

Table D1. Water quality at WRA

May 2016

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turbidity (NTU)	DO (mg/L)	Water Level (cm)
1	27.7	7.90	0.39	11.7	6.0	200
2	28.2	7.92	0.46	23.2	7.4	180
3	28.2	7.95	0.46	25.1	7.2	190
4	28.1	7.99	0.46	20.0	7.3	200

June 2016

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turbidity (NTU)	DO (mg/L)	Water Level (cm)
1	30.7	7.88	0.41	13.8	6.3	200
2	31.4	7.86	0.43	16.6	6.0	180
3	31.6	7.77	0.44	27.3	5.9	190
4	30.9	7.91	0.46	22.8	6.7	150

July 2016

Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turbidity (NTU)	DO (mg/L)	Water Level (cm)
1	32.1	7.82	0.24	13.1	4.2	210
2	32.6	7.84	0.29	15.6	3.7	180
3	32.6	7.87	0.30	14.8	3.5	210
4	32.5	7.91	0.31	13.6	3.6	210

Action Level	-	<6.5 or >8.0	>2	-	<2	<150 or >250
Limit Level	-	<6.0 or >8.5	>5	-	<1	-

Note: Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underline** indicate that limit level is reached.

August 2016						
Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turbidity (NTU)	DO (mg/L)	Water Level (cm)
1	31.8	7.78	0.23	11.8	4.4	210
2	32.0	7.82	0.26	12.7	3.6	180
3	31.6	7.86	0.31	13.6	3.6	210
4	31.8	7.79	0.29	12.8	3.8	210
September 2016						
Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turbidity (NTU)	DO (mg/L)	Water Level (cm)
1	33.2	8.47	0.12	10.1	6.7	180
2	33.5	8.14	0.12	8.7	7.7	170
3	33.3	7.89	0.12	8.8	7.9	180
4	33.2	8.02	0.15	8.3	7.8	170
October 2016						
Cell No.	Temp. (°C)	pH	Salinity (ppt)	Turbidity (NTU)	DO (mg/L)	Water Level (cm)
1	24.0	7.92	0.21	13.1	7.0	180
2	24.1	7.90	0.19	9.2	6.9	160
3	24.1	7.88	0.18	8.9	7.4	170
4	24.2	8.00	0.17	7.6	7.1	170
Action Level	-	<6.5 or >8.0	>2	-	<2	<150 or >250
Limit Level	-	<6.0 or >8.5	>5	-	<1	-

Note: Values highlighted in **bold** indicate that action level is reached; whereas values in **bold and underline** indicate that limit level is reached.