

Anbu Anna Colony Wetland – Water quality as of 22nd March 2018

Sl.No	Parameter	Observed Value	Standard permissible/ desirable limits		Remarks
			Drinking water	River Water	
1	pH (units)	7	6.5 – 8.5		
2	Temperature (°C)	16°C			
3	Faecal Coliform	Absent	Absent		
4	Fluoride	0.6	1 - 1.5	-	
5	Dissolved Oxygen	0.27×20 = 5.4 mg/l	-	-	
6	Residual Chlorine (Min)	0	0.2		
7	Phosphorous	0.5	-	-	
8	Nitrate	<10	45	-	
9	Iron	>1.0	0.3 – 1.0	-	Geological contamination – common in wetlands
10	Hardness	108 mg/l	300 – 600	-	
11	Chlorides	63.81 mg/l	250 – 1000	-	
12	Ammonia	0	-	-	
13	Turbidity	0	5 – 10	-	
14	Benthos - SCI - DI			0.3 – 1.0 8 – 24	

The Water quality is good in the Wetland and all parameters fall within the permissible limits except for the presence of high Iron in water which is a common problem across all wetlands in the Nilgiris.