

Water Quality Status of river Tungabhadra

Water quality of river Tungabhadra is monitored regularly on monthly basis under National Water Quality Monitoring project (NWMP) by Andhra Pradesh Pollution Control Board. Water quality status of the river Tungabhadra is as follows:

Water quality of river Tungabhadra is monitored at the following two locations.

01	1785	Manthralayam
02	1174	Bhavapuram

Annual average values – 2014, 2015 & 2016, 2017 (Up to November)

Parameters	Year	1785	1174	*Standard		
				Class A	Class B	Class C
pH	2014	7.9	7.9	6.0 – 8.5		
	2015	8.1	8.10			
	2016	8.1	8.0			
	2017	7.8	7.8			
DO	2014	6.6	6.8	6.0	5.0	4.0
	2015	6.1	6.4			
	2016	5.9	5.9			
	2017	5.2	4.6			
BOD	2014	2.3	2.8	2.0	3.0	3.0
	2015	2.7	2.8			
	2016	2.1	2.3			
	2017	2.2	1.7			
T. Coli	2014	519	632	50	500	5000
	2015	507	558			
	2016	535	576			
	2017	550	583			
TDS	2014	476	523	500 - 2000		
	2015	582	660			
	2016	607	702			
	2017	914	827			

Note: All values are expressed in mg/L except pH & T. Coli value. T. Coli is expressed in MPN count / 100 ml.

Remarks: Tungabhadra river water falls under Class 'C' (drinking water source with conventional treatment followed by disinfection) as per the above characteristics.