

### Water Quality of Ami River in U.P. Year 2019

S. No.	Month	Sampling Point					
		Ami River U/s,before confluence with Sariya Nala, Near Village Bharsarh , Sahjanwa, Gorakhpur		Ami River d/s, a/c GIDA industrial effluent through Sariya Nala, Near Chhatai road bridge Khajani, Gorakhpur		Ami River D/s near Lko - Vns road bridge Kauriram Gorakhpur	
		DO (mg/l)	BOD (mg/l)	DO (mg/l)	BOD (mg/l)	DO (mg/l)	BOD (mg/l)
1	Jan	6.6	12.0	4.2	16.0	4.4	18
2	Feb	6.4	14.0	4.2	20.0	4.4	18
3	Mar	7.0	16.0	4.1	22.0	4.3	20.0
4	Apr	6.8	1.4	4.0	22.0	4.0	22.0
5	May	6.6	1.8	3.6	28.0	3.8	24.0
6	June	6.4	4.2	3.4	30.0	3.5	24.0
7	July	6.4	4.2	3.8	28.0	4.0	22.0
8	Aug	6.2	4.6	3.8	26.0	4.0	20.0
9	Sep	6.4	5.2	3.6	28.0	4.2	22.0
10	Oct	6.2	6.8	3.4	30.0	4.4	22.0
11	Nov	6.8	7.2	6.2	28.0	6	20.0
12	Dec	7.8	5.8	7.0	18.0	7.2	14.0
Average		6.6	6.9	4.3	24.7	4.5	20.5
Category		D		D		D	

Class of water		A	B	C	D	E	Below E
1	Dissolved oxygen (mg/l), min	6.0	5.0	4.0	4.0	-	-
2	Biochemical oxygen demand (mg/l), max	2.0	3.0	3.0	-	-	-
3	Total Coliform (MPN/100ml), max	50	500	5000	-	-	-

A = Drinking water source without conventional treatment but after disinfection

B= Outdoor bathing (organised)

C = Drinking water source after conventional treatment and disinfection

D = Propagation of wild life and fisheries.

E = Irrigation, Industrial cooling, controlled waste disposal

Below - E = Not meeting A,B,C,D & E criteria

Source: [http://www.cpcb.nic.in/Water\\_Quality\\_Criteria.php](http://www.cpcb.nic.in/Water_Quality_Criteria.php)

*rule*  
(S.A.)

*Ala*

*2/10/1*