

**Water Quality of Ami River in U.P.  
Year 2020**

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)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	DO (mg/L)	BOD (mg/L)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)	DO (mg/L)	BOD (mg/L)	Total Coliform (MPN/100ml)	Faecal Coliform (MPN/100ml)
1	Jan	7.6	5.6	-	-	6.9	20.0	-	-	7.2	14.0	-	-
2	Feb	7.4	5.7	-	-	6.4	24.0	-	-	7.0	16.0	-	-
3	Mar	7.3	5.8	-	-	6.1	26.0	-	-	4.8	10.0	-	-
4	Apr	7.6	5.2	-	-	6.1	26.0	-	-	6.9	12.0	-	-
5	May	6.5	6.2	-	-	4.6	12.0	-	-	5.4	16.0	-	-
6	June	6.2	6.4	-	-	4.4	16.0	-	-	5.2	12.0	-	-
7	July	7.2	4.4	-	-	5.5	14.0	-	-	6.8	10.0	-	-
8	Aug	7.0	5.8	-	-	5.2	20.0	-	-	6.6	14.0	-	-
9	Sep	6.8	6.2	-	-	5.0	24.0	-	-	5.6	18.0	-	-
10	Oct	6.6	6.8	-	-	4.8	28.0	-	-	5.2	22.0	-	-
11	Nov	6.8	6.4	-	-	5.2	26.0	-	-	5.6	20.0	-	-
12	Dec	6.4	7.0	-	-	5.0	30.0	-	-	5.4	24.0	-	-
<b>Average</b>		7.0	6.0	-	-	5.4	22.2	-	-	6.0	15.67	-	-
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.epib.nic.in/Water\\_Quality\\_Criteria.php](http://www.epib.nic.in/Water_Quality_Criteria.php)

*Reed*  
(S.A)

*PR*  
29/11  
(A.S.D)