

**Water Quality of Ami River in U.P.
Year-2022**

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					
		pH	DO (mg/L)	BOD (mg/L)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/L)	BOD (mg/L)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/L)	BOD (mg/L)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)
1	Jan	-	7.0	6.6	40.0	-	-	-	6.0	16.8	88.0	-	-	-	6.8	12.6	76.0	-	-
2	Feb	-	7.2	6.4	40.0	-	-	-	6.2	17.0	84.0	-	-	-	6.9	12.2	72.0	-	-
3	Mar	7.60	7.0	6.6	48.0	-	-	7.28	6.0	18.0	90.0	-	-	7.5	6.6	13.0	76.0	-	-
4	Apr	7.52	6.8	6.7	52.0	-	-	7.22	5.8	22.0	96.0	-	-	7.5	6.4	16.0	80.0	-	-
5	May	7.50	6.6	6.8	56.0	-	-	7.20	5.2	24.0	98.0	-	-	7.4	6.0	18.0	90.0	-	-
6	June	7.44	6.4	7.0	66.0	-	-	7.18	5.0	28.0	102.0	-	-	7.4	5.8	22.0	92.0	-	-
7	July	7.52	6.8	6.4	60.0	-	-	7.28	5.4	22.0	90.0	-	-	7.5	6.0	16.0	70.0	-	-
8	Aug	7.56	7.0	5.8	48.0	-	-	7.34	6.0	18.0	82.0	-	-	7.5	6.6	18.0	82.0	-	-
9	Sep	7.58	7.2	5.4	42.0	-	-	7.38	6.2	14.0	80.0	-	-	7.6	6.8	8.0	52.0	-	-
10	Oct	7.68	7.4	5.2	40.0	-	-	7.4	6.4	42.0	58.0	-	-	7.6	7.0	7.6	50.0	-	-
11	Nov	7.72	7.6	5.0	38.0	-	-	7.48	6.6	12.0	72.0	-	-	7.6	7.1	7.4	48.0	-	-
12	Dec	7.70	7.2	5.8	48.0	-	-	7.42	6.0	16.0	80.0	-	-	7.6	7.0	7.6	58.0	-	-
Average		7.582	7.0	6.1	48.2	-	-		5.9	20.8	85.0	-	-	7.5	6.6	13.2	70.5	-	-
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

Ans
(SA)

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