

Water Quality of Ami River in U.P.
Year-2023

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	January	7.78	7.4	5.4	42.0	-	-	7.44	6.2	14.0	76.0	-	-	7.70	7.2	7.0	50.0	-	-
2	February	7.70	7.2	5.8	52.0	-	-	7.44	6.0	18.0	88.0	-	-	7.66	7.2	8.0	56.0	-	-
3	March	7.70	7.0	6.0	54.0	-	-	7.38	5.8	22.0	98.0	-	-	7.58	6.8	10.0	58.0	-	-
4	April	7.66	6.9	6.2	58.0	-	-	7.32	5.6	24.0	106.0	-	-	7.54	6.6	16.0	70.0	-	-
5	May	7.68	7.0	6.0	50.0	-	-	7.38	5.8	18.0	90.0	-	-	7.56	6.7	12.0	60.0	-	-
6	June	7.63	7.2	5.8	40.0	-	-	7.42	6.0	16.0	80.0	-	-	7.60	6.8	10.0	50.0	-	-
7	July	7.68	7.4	5.2	38.0	-	-	7.46	6.2	14.0	70.0	-	-	7.7	7.0	8.0	40.0	-	-
8	August	7.76	7.6	5.0	32.0	-	-	7.52	6.4	10.0	60.0	-	-	7.68	7.6	5.0	30.0	-	-
9	September	7.78	7.7	4.8	30.0	-	-	7.56	6.6	9.8	50.0	-	-	7.72	7.8	4.0	28.0	-	-
10	October	7.58	6.4	9.6	44.0	-	-	7.9	7.4	5.2	38.0	-	-	7.74	7.6	4.2	32.0	-	-
11	November	7.54	6.6	9.8	46.0	-	-	7.92	7.6	5.4	42.0	-	-	7.72	7.7	4.4	36.0	-	-
12	December	7.24	6.0	10.2	50.0	-	-	7.94	7.5	5.6	44.0	-	-	7.52	7.2	6.8	40.0	-	-
Average		7.64	7.0	6.7	44.7	-	-	7.6	6.4	13.5	70.2	-	-	7.64	7.2	8.0	45.8	-	-
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

Rede
(S.A)

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