

Water Quality Report Of River Ghaghra in UP Year-2024

S.No.	Month	SAMPLING POINT											
		Barahganj U/s, Gorakhpur						Turtipur D/s, Deoria					
		pH	DO (mg/L)	BOD (mg/L)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	DO (mg/L)	BOD (mg/L)	C.O.D. (mg/l)	Total coliform (MPN/100mL)	Feacal Coliform (MPN/100ml)
1	January	8.30	8.2	3.2	14.0	14000	6000	8.20	8.0	3.0	10.0	16000	8000
2	February	8.12	8.0	3.2	10.0	16000	8000	8.00	8.2	2.8	8.0	14000	6000
3	March												
4	April												
5	May												
6	June												
7	July												
8	August												
9	September												
10	October												
11	November												
12	December												
Average		8.21	8.1	3.2	12.0	15000	7000	8.10	8.1	2.9	9.0	15000	7000
Category		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

8.1

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

Ati
(S.A)

Ati
(A.S.D)

Ati
(C.E.D)