

Water Quality Report Of River Ghaghra in UP Year-2022

S.No.	Month	SAMPLING POINT											
		Badhalganj U/s, Gorakhpur						Turtipur D/s, Deoria					
		pH	DO (mg/L)	BOD (mg/L)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	pH	DO (mg/L)	BOD (mg/L)	C.O.D. (mg/l)	Total coliform (MPN/100mL)	Feecal Coliform (MPN/100ml)
1	January	-	7.6	4.6	28.0	46000	30000	-	7.9	3.5	20.0	34000	20000
2	February	-	7.7	4.4	24.0	42000	28000	-	8.0	3.2	18.0	32000	18000
3	March	7.69	7.6	4.6	26.0	43000	30000	7.68	7.8	3.4	20.0	34000	20000
4	April	7.62	7.5	4.8	30.0	44000	32000	7.60	7.6	3.6	22.0	36000	22000
5	May	7.40	7.4	5.0	34.0	48000	34000	7.56	7.4	3.8	26.0	38000	23000
6	June	7.72	7.2	5.2	36.0	50000	36000	7.52	7.2	4.0	30.0	40000	24000
7	July	7.66	7.4	3.8	20.0	38000	20000	7.76	7.4	4.8	28.0	46000	32000
8	August	7.78	7.6	4.6	26.0	42000	28000	7.76	7.6	3.4	18.0	34000	18000
9	September	7.80	7.8	4.5	24.0	40000	26000	7.78	7.7	3.2	18.0	32000	16000
10	October	7.86	7.9	4.4	22.0	38000	24000	7.80	7.8	3.0	18.0	30000	14000
11	November	7.88	8.0	4.2	20.0	36000	22000	7.86	7.9	3.0	16.0	28000	12000
12	December	7.92	8.2	4.6	18.0	34000	20000	7.96	8.2	2.8	14.0	26000	10000
Average		7.73	7.7	4.6	25.7	41750	27500	7.73	7.7	3.5	20.7	34167	19083
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

7.7

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.epcb.nic.in/Water_Quality_Criteria.php

At:
(S.K.)

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