

Water Quality Report Of River Ghaghra in UP Year 2020

S.No	Month	SAMPLING POINT							
		Badhalganj U/s, Gorakhpur				Turtipur D/s, Deoria			
		DO (mg/L)	BOD (mg/L)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	DO (mg/L)	BOD (mg/L)	Total coliform (MPN/100mL)	Feacal Coliform (MPN/100ml)
1	January	7.8	3.9	36000	18000	7.6	3.8	24000	11000
2	February	7.7	4.0	38000	19000	7.4	4.0	24000	12000
3	March	7.6	4.2	39000	2000	7.5	3.8	26000	14000
4	April	7.7	4.0	34000	18000	7.6	3.4	24000	12000
5	May	7.6	4.2	36000	20000	7.5	3.6	13000	25000
6	June	7.2	4.6	42000	24000	7.3	4.0	15000	28000
7	July	7.8	4.2	38000	22000	8.0	3.2	22000	12000
8	August	7.6	4.5	40000	25000	7.7	3.6	25000	15000
9	September	7.0	4.8	46000	28000	7.5	3.8	28000	18000
10	October	7.2	5.0	48000	30000	7.4	4.0	30000	20000
11	November	7.1	5	50000	32000	7.6	4.0	32000	22000
12	December	6.9	5.4	52000	34000	7.2	4.4	33000	25000
Average		7.4	4.5	41583	22667	7.5	3.8	24667	17833
Category		D				D			

7.5

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),	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 7.5

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

Ruli
(S.A)

hanta B,
(A.S.O)