

**Water Quality of Rapti River in UP
Year-2024**

S.N o.	Sampling Point	SAMPLING POINT											
		Rapti river Domingarh, Gorakhpur						Rapti river D/s Gorakhpur					
		pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)
1	January	8.30	8.2	2.6	8.0	14000	6000	8.00	7.8	4.6	16.0	22000	10000
2	February	8.40	8.4	2.4	8.0	12000	4000	8.20	7.9	4.4	14.0	20000	8000
3	March												
4	April												
5	May												
6	June												
7	July												
8	August												
9	September												
10	October												
11	November												
12	December												
	Average	8.35	8.3	2.5	8.0	13000	5000	8.10	7.9	4.5	15.0	21000	9000
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

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

AK
(S.A)

Reeta
(A.S.O)

[Signature]
(L.G.O)