

**Water Quality of Rapti River in UP
Year-2023**

S.No.	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	8.12	8.4	2.6	12.0	20000	10000	7.98	8.0	4.2	20.0	36000	20000
2	February	8.0	8.2	2.8	14.0	26000	12000	7.80	7.8	4.6	26.0	38000	24000
3	March	7.96	8.0	3.0	12.0	28000	14000	7.76	7.7	4.8	28.0	40000	26000
	April	7.90	7.9	3.2	16.0	30000	16000	7.70	7.6	5.0	30.0	44000	28000
5	May	8.0	8.0	3.0	16.0	28000	14000	7.82	7.7	4.8	28.0	40000	24000
6	June	7.88	7.8	4.6	26.0	42000	26000	7.88	7.8	4.6	26.0	42000	26000
7	July	8.12	8.3	2.6	10.0	28000	14000	7.92	7.9	4.4	22.0	40000	24000
8	August	8.10	8.4	2.4	10.0	26000	12000	7.96	8.0	4.2	30.0	38000	22000
9	September	8.0	8.2	2.6	14.0	28000	14000	7.86	7.8	4.4	20.0	40000	29000
10	October	8.10	8.0	2.8	16.0	22000	10000	7.80	7.6	4.6	22.0	32000	18000
11	November	8.00	7.8	3.0	14.0	20000	8000	7.68	7.4	5.0	20.0	30000	14000
12	December	8.00	7.8	3.0	14.0	18000	8000	7.8	7.6	4.8	18.0	28000	12000
	Average	8.04	8.1	3.0	14.5	26333	13167	7.83	7.7	4.6	24.2	37333	22250
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.epcb.nic.in/Water_Quality_Criteria.php

Reeti
(S.A)

(A.S.D)

(C.E.O)