

**Water Quality of River Hindon in U P
Year-2024**

S.No	Month	Sampling Point																	
		Hindon river, Mohan Nagar Road Bridge, Ghaziabad						Hindon river, Chijarsi Bridge, Ghaziabad						Hindon, D/s Kulsera Bridge, Noida					
		pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)
1	January	7.50	2.90	20.0	66.0	280000	230000	7.60	2.50	20.0	69.0	310000	210000	7.50	Nil	36.0	240.0	340000	270000
2	February	7.60	1.19	26.0	86.0	240000	170000	7.50	3.17	19.0	65.0	320000	220000	7.40	Nil	34.0	242.0	330000	220000
3	March																		
4	April																		
5	May																		
6	June																		
7	July																		
8	August																		
9	September																		
10	October																		
11	November																		
12	December																		
	Average	7.55	2.0	23.0	76.0	260000	200000	7.55	2.84	19.5	67.0	315000	215000	7.45	Nil	35.0	241.0	335000	245000
	Category	E						E						E					
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

(LA)

Jyoti (S.A)

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Water Quality of River Hindon in U P Year-2024

S.No	Month	Sampling Point																							
		Hindon D/s Maheshpur Saharanpur						Hindon, Sardhana -Budhana Road, Vill Baparsi, Meerut						Hindon, Meerut Baghpat Road, Meerut						Hindon, Karheda Village , Ghaziabad					
		pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)
1	January	7.40	Nil	36.0	156.0	43000	37000	7.35	Nil	54.0	288.0	200000	160000	7.28	4.5	20.0	120.0	120000	84000	7.50	3.50	18.0	65.0	260000	130000
2	February	7.30	Nil	42.0	192.0	51000	44000	7.68	Nil	56.0	296.0	210000	170000	7.45	4.2	28.0	118.0	110000	70000	7.60	1.43	24.0	75.0	260000	210000
3	March																								
4	April																								
5	May																								
6	June																								
7	July																								
8	August																								
9	September																								
10	October																								
11	November																								
12	December																								
	Average	7.4	Nil	39.0	174.0	47000	40500	7.5	Nil	55.0	292.0	205000	165000	7.4	4.4	24.0	119.0	115000	77000	7.55	2.47	21.0	70.0	260000	170000
	Category	E						E						E						E					

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	-	-	-

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