

**Water Quality of River Hindon in U P
Year-2023**

S.No	Month	Sampling Point																							
		Hindon D/s Maheshpur Saharanpur						Hindon, Sardhana -Budhana Road, Vill Baparsi, Meerut						Hindon, Meerut Baghat 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	7.50	Nil	46.0	192.0	32000	25000	7.60	Nil	60.0	364.0	150000	110000	7.40	3.6	30.0	240.0	110000	84000	6.95	2.56	12.0	72.0	210000	170000
2	February	7.50	Nil	44.0	188.0	36000	27000	7.76	Nil	68.0	372.0	170000	120000	7.36	3.8	24.0	128.0	130000	100000	6.17	2.34	14.0	76.0	400000	270000
3	March	7.40	Nil	48.0	188.0	55000	33000	7.82	Nil	66.0	384.0	210000	150000	7.42	3.0	28.0	136.0	140000	110000	7.20	1.80	18.0	43.0	320000	260000
4	April	7.30	Nil	40.0	172.0	47000	31000	7.74	Nil	68.0	388.0	240000	170000	7.45	2.8	34.0	144.0	140000	100000	7.40	2.50	19.0	54.0	310000	230000
5	May	7.50	Nil	38.0	156.0	49000	33000	7.78	Nil	64.0	368.0	220000	150000	7.35	3.6	30.0	140.0	150000	110000	7.10	1.10	20.0	45.0	270000	170000
6	June	7.30	Nil	38.0	156.0	46000	31000	7.67	Nil	60.0	356.0	200000	140000	7.48	3.0	28.0	136.0	110000	80000	7.40	1.90	22.0	50.0	220000	170000
7	July	7.30	Nil	40.0	164.0	41000	33000	7.67	Nil	48.0	380.0	170000	140000	7.48	2.2	26.0	216.0	130000	120000	7.60	1.60	24.0	80.0	270000	220000
	August	7.30	Nil	40.0	148.0	55000	41000	7.65	Nil	52.0	312.0	210000	170000	7.38	4.0	24.0	184.0	120000	94000	7.40	4.80	15.0	50.0	260000	210000
9	September	7.20	1.2	36.0	128.0	52000	38000	7.64	Nil	50.0	304.0	210000	160000	7.41	3.7	22.0	224.0	110000	79000	7.60	5.51	13.0	59.0	250000	170000
10	October	7.40	0.8	35.0	136.0	55000	41000	7.59	Nil	58.0	296.0	200000	160000	7.52	4.0	20.0	116.0	120000	84000	7.40	4.50	16.0	62.0	280000	170000
11	November	7.30	0.6	32.0	132.0	41000	39000	7.67	Nil	54.0	284.0	170000	140000	7.52	4.2	18.0	112.0	110000	79000	7.40	4.00	18.0	65.0	920000	350000
12	December	7.50	0.2	38.0	166.0	55000	41000	7.67	Nil	56.0	292.0	200000	117000	7.57	4.6	18.0	116.0	120000	84000	7.50	4.50	16.0	62.0	210000	170000
	Average	7.4	0.13	39.6	160.5	47000	34417	7.7	NIL	58.7	341.7	195833	143917	7.4	3.5	25.2	157.7	124167	93667	7.26	3.09	17.3	59.8	326667	213333
	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	-	-	-

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

Jyoti (S.A.)

(A.S.O.)

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CSW*

**Water Quality of River Hindon in U P
Year-2023**

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	7.30	1.9	15.0	86.0	170000	130000	6.83	6.27	10.0	92.0	310000	260000	7.05	NIL	42.0	190.0	320000	260000
2	February	7.30	1.3	16.0	88.0	380000	260000	7.27	4.66	12.0	96.0	470000	330000	7.50	NIL	48.0	196.0	400000	270000
3	March	7.10	1.4	20.0	68.0	310000	210000	7.25	4.00	16.0	76.0	410000	340000	6.80	NIL	28.0	132.0	390000	330000
4	April	7.50	3.3	16.0	32.0	340000	220000	7.60	4.10	15.0	70.0	460000	330000	6.40	NIL	38.0	140.0	410000	270000
5	May	6.50	2.2	15.0	36.0	310000	210000	7.50	4.30	12.0	46.0	340000	170000	6.95	NIL	40.0	150.0	470000	340000
6	June	7.20	2.4	15.0	40.0	330000	220000	7.50	2.10	18.0	45.0	340000	270000	7.13	NIL	45.0	158.0	430000	310000
7	July	7.40	3.5	18.0	62.0	380000	260000	7.30	2.30	20.0	70.0	410000	340000	7.50	NIL	45.0	233.0	470000	330000
8	August	7.50	4.3	16.0	58.0	320000	220000	7.50	5.40	12.0	45.0	400000	330000	7.30	NIL	35.0	210.0	460000	310000
9	September	7.40	4.1	17.0	50.0	310000	140000	7.56	5.20	14.0	46.0	320000	260000	7.25	NIL	32.0	222.0	470000	330000
10	October	7.40	3.93	18.0	66.0	280000	170000	7.30	4.80	15.0	48.0	390000	270000	7.45	NIL	30.0	220.0	410000	340000
11	November	7.40	4.5	17.0	64.0	790000	220000	7.50	3.50	20.0	68.0	280000	220000	7.50	NIL	32.0	226.0	430000	310000
12	December	7.50	6.5	15.0	48.0	140000	110000	8.23	2.40	16.0	80.0	430000	230000	7.60	NIL	34.0	230.0	270000	220000
	Average	7.29	3.3	16.5	58.2	338333	197500	7.45	4.09	15.0	65.2	380000	279167	7.20	NIL	37.4	192.3	410833	301667
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

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