

**Water Quality of River Yamuna In UP
Year 2024**

S.N.	Month	Sampling Point																																																
		1						2						3						4						5						6						7												
		U/S Okhla Barrage, Noida						D/S Village Gharbara/Tilwara, Noida						U/s Vrindavan						Kesi Ghat Vrindavan						D/s Vrindavan (Kesi Ghat)						U/s Mathura						Shahpur, Mathura												
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)	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	7.38	4.1	15.0	72.0	-	-	7.81	2.1	21.0	88.0	-	-	7.9	5.8	10.4	36.0	63000	23000	7.70	4.8	10.8	42.0	63000	23000	7.8	4.6	11.4	44.0	70000	260000	7.60	5.4	10.0	44.0	63000	23000	7.80	5.2	14.2	4.8	94000	43000							
2	February	7.81	3.9	17.0	88.0	-	-	8.16	2.6	20.0	80.0	-	-	7.7	6.0	9.0	32.0	49000	22000	7.6	4.4	11.8	48.0	79000	27000	7.4	5.2	10.0	44.0	70000	26000	7.7	4.8	11.2	52.0	84000	31000	7.6	4.4	11.8	48.0	120000	27000							
3	March																																																	
4	April																																																	
5	May																																																	
6	June																																																	
7	July																																																	
8	August																																																	
9	September																																																	
10	October																																																	
11	November																																																	
12	December																																																	
	Average	7.60	4.0	16.0	80.0	-	-	7.99	2.4	20.5	84.0	-	-	7.8	5.9	9.7	34.0	56000	22500	7.7	4.6	11.3	45.0	71000	25000	7.6	4.9	10.7	44.0	70000	143000	7.7	5.1	10.6	48.0	73500	27000	7.7	4.8	13.0	26.4	107000	35000							
	Category	D						E						D						D						D						D																		

Note-* Sampling not done.

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

Priya
S.A

Arshi
(A.S.O)

(C.E.O)

**Water Quality of River Yamuna In UP
Year 2024**

S.N.	Month	Sampling Point																																									
		8						9						10						11						12						13						14					
		Vishram Ghat, Mathura						D/s Mathura						U/s Kailashghat, Agra						U/s Waterworks, Agra						D/s Tajmahal, Agra						U/s Firozabad						D/s Firozabad					
	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)	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	5.2	12.6	64.0	70000	21000	7.70	5.0	13.8	38.0	64000	31000	7.71	6.9	7.6	13.0	9300	6800	7.54	6.7	8.0	14.0	14000	7000	7.85	6.5	8.4	16.0	14000	13000	7.6	6.3	13.6	32.0	58000	17000	7.7	6.1	15.6	38.0	84000	26000
2	February	7.80	4.4	12.8	56.0	110000	33000	7.9	4.2	14.6	60.0	130000	34000	7.58	6.6	8.0	14.0	14000	6800	7.30	6.6	8.8	18.0	17000	11000	7.82	6.0	9.6	18.0	26000	13000	7.7	6.5	12.4	34.0	54000	15000	7.8	6.3	14.8	40.0	92000	28000
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	Average	7.6	4.8	12.7	60.0	90000	27000	7.8	4.6	14.2	49.0	97000	32500	7.65	6.8	7.8	13.5	11650	6800	7.42	6.7	8.4	16.0	15500	9000	7.84	6.3	9.0	17.0	20000	13000	7.7	6.4	13.0	33.0	56000	16000	7.8	6.2	15.2	39.0	88000	27000
	Category	D						D						D						D						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	-	-	-																															

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 Source: http://www.epcb.nic.in/Water_Quality_Criteria.php

Pray
S-A

aulg
(A.S.O)

[Signature]
(C.F.O)

Water Quality of River Yamuna In UP Year 2024

S.N.	Month	Sampling Point																																				
		15						16						17						18						19						20						
		U/s Etawah						D/s Etawah						U/s Water Intake, Allahabad						D/s Balua Ghat Prayagraj						D/s Chhachhar nala, Prayagraj						D/s Emergency Outfall, Prayagraj						
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)	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	7.7	6.7	14.4	34.0	43000	17000	7.8	6.5	18	39.0	120000	26000	8.07	8.5	2.3	8.0	1300	450	8.22	8.0	2.7	12.0	1700	680	8.19	8.3	2.6	12.0	1500	610	8.11	8.6	2.5	10.0	1400	45	
2	February	7.6	6.8	14.0	32.0	43000	15000	7.7	6.6	16.8	38.0	110000	22000	8.17	9.6	2.3	8.0	1300	450	8.31	9.0	2.7	12.0	1700	450	8.28	9.2	2.6	12.0	1700	680	8.22	9.4	2.5	10.0	1500	61	
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12	December																																					
Average		7.7	6.8	14.2	33.0	43000	16000	7.8	6.6	17.4	38.5	115000	24000	8.12	9.1	2.3	8.0	1300	450	8.27	8.5	2.7	12.0	1700	565	8.24	8.8	2.6	12.0	1600	645	8.17	9.0	2.5	10.0	1450	53	
Category		D						D						C						C						C						C						
Class of water		D						D						C						C						C						C						
1	Dissolved oxygen (mg/l), min	D						D						C						C						C						C						
2	Biochemical oxygen demand (mg/l), max	D						D						C						C						C						C						
3	Total Coliform (MPN/100ml), max	D						D						C						C						C						C						

A = Drinking water source without conventional treatment but after disinfection

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Prayg
S-A

Rehga
(A.S.O)

(C.E.O)