

**Water Quality of River Yamuna In UP
Year 2020**

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				U/s Mathura				Shahpur, Mathura				
DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)			
1	January	1.5	30.0	-	-	0.0	51.0	-	-	4.8	8.0	-	-	4.4	9.0	75000	-	-	4.4	9.0	75000	58000	4.2	9.0	98000	75000	4.8	8.0	110000	80000
2	February																													
3	March																													
4	April																													
5	May																													
6	June																													
7	July																													
8	August																													
9	September																													
10	October																													
11	November																													
12	December																													
	Average	1.5	30.0	-	-	0.0	51.0	-	-	4.8	8.0	-	-	4.4	9.0	75000	-	-	4.4	9.0	75000	58000	4.2	9.0	98000	75000	4.8	8.0	110000	80000
	Category	E				E				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	-	-	-

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

Prage
11/02/2020
S.A

A. Singh
11/2/2020

[Signature]
डा० श्री 00000 अवरुधी
मुख्य पर्यावरण अधिकारी
उ०प्र० प्रदूषण नियंत्रण बोर्ड
लखनऊ

Water Quality of River Yamuna In UP Year 2020

S.N	Month	Sampling Point																											
		8				9				10				11				12				13				14			
		Vishram Ghat,				D/s Mathura				U/s Kailashghat,				U/s Waterworks,				D/s Tajmahal, Agra				U/s Firozabad				D/s Firozabad			
DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)		
1	January	4.1	10.0	110000	92000	4.0	10.0	140000	98000	4.7	11.6	38000	22000	4.1	12.4	52000	30000	3.9	14.8	110000	35000	-	16.4	-	-	-	17.6	-	-
2	February																												
3	March																												
4	April																												
5	May																												
6	June																												
7	July																												
8	August																												
9	September																												
10	October																												
11	November																												
12	December																												
	Average	4.1	10.0	110000	92000	4.0	10.0	-	98000	4.7	11.6	38000	22000	4.1	12.4	52000	30000	3.9	14.8	110000	35000	-	16.4	-	-	-	17.6	-	-
	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	-	-	-																		

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

Pritya
11/02/2020

11/2/2020

11/02
Dr. B. B. Awasthi
Chief Environmental Officer
Central Laboratory,
Pollution Control Board
Lucknow

**Water Quality of River Yamuna In UP
Year 2020**

S.N	Month	Sampling Point																											
		15				16				17				18				19				20							
		U/s Etawah				D/s Etawah				U/s Water Intake,				D/s Balua Ghat Praygraj				D/s Chhachhar nala,				D/s Emergency Outfall,							
DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)	DO (mg/l)	BOD(mg/l)	Total Coliform (MPN/100ml)	Feecal Coliform (MPN/100ml)						
1	January	-	14.4	-	-	-	15.2	-	-	10.6	2.0	3400	1300	10.8	2.1	3900	1700	10.3	2.2	4300	2100	10.1	2.1	3900	1700				
2	February																												
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7	July																												
8	August																												
9	September																												
10	October																												
11	November																												
12	December																												
Average		-	14.4	-	-	-	15.2	-	-	10.6	2.0	3400	-	10.8	2.1	3900	-	10.3	2.2	4300	2100	10.1	2.1	3900	1700				
Category		D				D				C				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				-				-				-			

A = Drinking water source without conventional treatment but after disinfection

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Prize
11/02/2020

11/2/2020

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