

## Water Quality of River Betwa in UP Year 2020

SNo.	Month	Betwa at Hamirpur, Banda			
		DO (mg/L)	BOD (mg/L)	Total coliform (MPN/100mL)	Feacal Coliform (MPN/100ml)
1	January	6.4	5.6	17000	2100
2	February	6.7	5.4	14000	1100
3	March	7.0	5.2	15000	1300
4	April	7.4	4.9	14000	1100
5	May	7.1	5.1	17000	1300
6	June	6.9	5.3	15000	1300
7	July	7.2	5.1	17000	2100
8	August	6.9	5.4	21000	2400
9	September	6.8	4.6	14000	2100
10	October*	-	-	-	-
11	November*	-	-	-	-
12	December*	-	-	-	-
<b>Average</b>		<b>6.93</b>	<b>5.18</b>	<b>16000</b>	<b>1644</b>
<b>Category</b>		<b>D</b>			

\* Report not received

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](http://www.cpcb.nic.in/Water_Quality_Criteria.php)

*Vinay Dubey*  
S.A.

*Pratik B.*  
ASO