

**Water Quality of River Kali (East) in U.P
Year - 2024**

S.No	Month	D/s M/s New Bananza, paper mills vill. , Saini- Mawana Road, Meerut						Garh Road, Meerut						Kharkhoda-Prikshit Garh Road, Meerut						Babugarh, Gaziabad					
		Parameter						Parameter						Parameter						Parameter					
		pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)
1	January	7.69	NIL	44.0	248.0	150000	120000	7.52	NIL	52.0	288.0	130000	100000	7.51	NIL	32.0	236.0	94000	63000	7.50	NIL	45.0	144.0	3200000	2200000
2	February	7.39	NIL	52.0	284.0	120000	84000	7.46	NIL	56.0	292.0	140000	94000	7.48	NIL	36.0	244.0	110000	63000	7.40	NIL	48.0	170.0	3500000	2200000
3	March																								
4	April																								
5	May																								
6	June																								
7	July																								
8	August																								
9	September																								
10	October																								
11	November																								
12	December																								
Average		7.54	NIL	48.0	266.0	135000	102000	7.49	NIL	54.0	290.0	135000	97000	7.50	NIL	34.0	240.0	102000	63000	7.45	NIL	46.5	157.0	3350000	2200000
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

Ruby
(A.S.O)

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(C.E.O)

**Water Quality of River Kali (East) in U.P
Year - 2024**

S.No	Month	U/s Devipura, Bulandshahar						D/s Mohan Kuteer Bulandshahar						U/s Kali river before wave distillery Ramghat road, Atrauli, Aligarh						D/s Kali River after wave distillery Ramghat road, Atrauli, Aligarh						Nadrai Gate, Kasganj						U/s Kannauj						
		Parameter						Parameter						Parameter						Parameter						Parameter												
		pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	pH	DO (mg/l)	BOD(mg/l)	COD (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	
1	January	7.63	NIL	50.0	160.0	3300000	2100000	7.61	NIL	44.0	152.0	3100000	1700000	7.36	2.1	36.0	104.0	-	-	7.38	2.4	34.0	102.0	-	-	7.46	6.4	12.0	40.0	-	-	7.86	7.9	5.2	17.2	16000	7900	
2	February	7.74	NIL	46.0	136.0	3400000	2700000	7.63	NIL	40.0	120.0	3200000	2200000	7.38	2.3	38.0	108.0	-	-	7.36	2.2	36.0	106.0	-	-	7.49	6.3	16.0	64.0	-	-	8.11	8.5	5.6	17.6	20000	14000	
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12	December																																					
Average		7.69	NIL	48.0	148.0	3350000	2400000	7.62	NIL	42.0	136.0	3150000	1950000	7.37	2.2	37.0	106.0	-	-	7.37	2.3	35.0	104.0	-	-	7.48	6.4	14.0	52.0	-	-	7.99	8.2	5.4	17.4	18000	10950	
Category		E						E						E						E						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	-	-
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