Water Quality of River Sai in Uttar Pradesh
Year 2024

S. N.	Month	Sampling Points																																								
		Sai river, Bani, Unnao						Sai river, Sirsaghat, Raibareli						Sai river, Rajghat, Raibareli						Sai river, Picnic spot, Raibareli,						Sai river, Gaighat Raibareli, Pratapgarh						Sai river, Belamai Ghat, Pratapgarh						Sai river, at D/s Stream Pratapgarh, near Railway Bridge						Sai river, Jalalpur, Jaunpur					
		pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)	pH	D.O. (mg/l)	B.O.D. (mg/l)	C.O.D. (mg/l)	Total Coliform (MPN/100ml)	Feacal Coliform (MPN/100ml)
1	January	7.96	6.9	3.4	15.2	5400	3500	8.07	9.0	2.9	27.8	3900	1400	8.14	8.7	3.2	29.4	4700	2000	8.15	9.3	3.0	23.6	3900	2600	8.25	9.2	4.1	22.1	3600	1300	8.21	8.9	4.2	22.7	3900	1400	8.19	8.7	4.4	22.0	4000	1700	8.23	8.4	2.9	9.8	4900	2300
2	February	8.02	6.7	3.5	16.0	6100	4000	8.10	8.9	2.9	27.2	4000	1300	8.15	8.6	3.0	29.1	4000	2000	8.19	9.2	2.7	23.0	3500	2400	8.21	9.3	3.9	20.8	3300	1100	8.20	9.0	4.1	21.1	3400	1300	8.17	8.9	4.2	21.4	3900	1400	8.26	8.5	2.8	9.6	4600	2300
3	March																																														
4	April																																														
5	May																																														
6	June																																														
7	July																																														
8	August																																														
9	September																																														
10	October																																														
11	November																																														
12	December																																														
	Average	7.99	6.8	3.5	15.6	5750	3750	8.1	9.0	2.9	27.5	3950	1350	8.15	8.7	3.1	29.3	4350	2000	8.17	9.3	2.9	23.3	3700	2500	8.23	9.3	4.0	21.5	3450	1200	8.21	9.0	4.2	21.9	3650	1350	8.18	8.8	4.3	21.7	3950	1550	8.25	8.5	2.9	9.7	4750	2300
	Category	D						D						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.cpcb.nic.in/Water_Quality_Criteria.php

S.A

(A.S.O)

(C.E.O)