

**WATER QUALITY CHARACTERISTICS OF KOSI RIVER AT KASHIPUR BAJPUR
ROAD BRIDGE, US NAGAR**

Month	pH	BOD mg/L	COD mg/L	Conductivity	Temp	DO	TDS
2024							
Jan	7.20	2.2	14.0	267	16	7.9	178
Feb	7.62	2.4	16.0	370	18	7.7	246
Mar	7.84	2.2	14.0	434	21	8.0	286
Apr	7.92	2.6	16.0	594	26	7.6	356
May	7.32	2.5	14.0	544	33	7.8	364
June	7.88	2.8	16.0	494	33	7.5	296
July	7.55	1.8	12	285	31	7.8	176
Aug	7.51	2.1	12	260	30	7.4	158
Sept	7.38	2.0	10.4	316	30	7.6	191
Oct	7.56	2.2	12	484	30	7.4	292
2023							
Jan	7.24	1.2	5.0	210	10	8.6	145
Feb	7.88	1.8	6.0	240	12	8.4	171
Mar	7.18	1.4	5.0	230	14	8.4	160
Apr	7.35	1.8	6.0	240	17	8.2	160
May	7.61	2.2	6.0	230	20	7.6	151
June	7.80	2.0	20.0	558	31	7.3	365
July	7.90	2.2	20.0	248	28	7.0	152
Aug	7.50	2.6	16.0	230	28	7.2	131
Sept	7.50	2.8	16.0	211	29	7.0	119
Oct	7.26	2.0	6.0	230	16	7.8	157
Nov	7.67	1.6	6.0	240	15	8.0	160
2022							
Jan	7.9	3.1	10	410	8	7	277
Feb	7.20	3.0	9.6	260	22	7.2	174
Mar	7.60	3.2	10	300	25	6.1	210
Apr	7.70	3.0	10	310	28	6.7	210
May	7.50	3.4	12.8	447	28	6.5	300
June	7.30	3.2	11	515	30	6.5	345
July	7.50	3.5	14	506	28	6.8	340
Aug	7.10	6.0	35.5	220	30	6.0	146
Sept	8.10	5.0	23.8	211	28	6.1	139
Oct	8.0	5.2	24	203	25	5.8	135
Nov	8.10	5.2	26	356	24	5.6	236
Dec	7.24	1.6	6.0	230	13	9.2	157
2021							
Jan	7.90	4.0	24	750	14	4.60	503
Feb	7.90	3.0	16	700	23	9.80	472
Mar	7.80	3.20	12	640	25	8.80	428
Apr	7.50	3.50	15	632	24	8.50	388
May	7.20	3.20	12	612	22	8.70	323
June	7.40	3.0	10	618	24.8	9.0	414
July	7.30	6.0	20	710	28	4.50	480
Aug	7.40	4.90	14.30	697	33	6.60	466
Sep	7.5	4.6	13.8	688	32	6.8	460
Oct	7.3	5.50	20	600		5.20	396
Nov	7.1	5	18.5	589		6.1	394.63
Dec	7.40	4.6	16	560	27	6.5	375

