

WATER QUALITY OF RIVER SUBERNAREKHA - 2007

Rajghat

Month	Year	pH	DO (mg/l)	BOD (mg/l)	Cond. μS/cm	NH4-N (mg/l)	Nitrate-N (mg/l)	TC (MPN/ 100 ml)
January	2007	7.8	7.2	1.4	212	1.12	0.034	790
April		7.7	7.7	1.1	214	0.56	0.402	790
July		7.6	7.6	1.8				940
Oct		7.6	7.6	1.6				940
Minimum		7.6	7.2	1.1	212	0.560	0.034	790
Maximum		7.8	7.7	1.8	214	1.120	0.402	940
Average		7.7	7.5	1.5	213	0.840	0.218	865

FC (MPN/ 100 ml)	SI	DI	Class	COD (mg/l)	TSS (mg/l)	Turbidity , NTU	T. Alk., mg/l	Chloride , mg/l
330	6.4	0.52	B	12	20	6	100	28
460	5.8	0.51		6.8	44	26	48	12
700								
230								
230	5.8	0.51		6.8				
700	6.4	0.52		12.0				
430	6.1	0.52		9.4				

Total Kjeldahl N, mg/l	Hardness CaCO ₃ , mg/l	Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Sulphate, mg/l	Sodium, mg/l	TDS, mg/l	PO ₄ ³⁻ -P, mg/l	Boron, mg/l
2.8	92	72	20	19.97	18	138	0.006	10
1.7	126	84	42	6.8	8	128	0.068	ND

Potassium, mg/l	Fluoride, mg/l	Cyanide, mg/l	Cadmium, mg/l	Copper, mg/l	Lead, mg/l	Chromium Total, mg/l	Nickel, mg/l	Zinc, mg/l
0.341	ND	BDL	0.006					
5	0.192	0.0064	0.0003	0.021	0.004		0.0067	0.023

Mercury, mg/l	Iron Total, mg/l	Nitrite-N, mg/l	P. Alk., mg/l	TFS, mg/l
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0.0002	1.384
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ND	102
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