



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

Indrabhuvan, Railway line, punyashlok appasaheb varad path, Solapur-413003

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PHE/BHIMA- 959

दि. 31/2023

Water testing report of Soregaon WTP

Sr.No	Test Parameter	Raw Water	Treated Water	BIS Specification 10500 : 2012 Normal values	
				Desirable Limits	Permissible Limits
1	Physical appearance	Slightly greenish	Clear		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	4.96	0.71	1.0	5.0
4	pH Values	8.19	7.64	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	299.95	294.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	390	380	200	600
8	Alkalinity (as CaCO ₃)	295	280	200	600
9	Total Dissolved Solids	832	837	500	2000
10	Residual chlorine	—	4.5	—	—
10	Dissolved oxygen	3.0	6.7	6.5	8.0
11	Electrical conductivity	1.97	1.95		
12	Temperature	—	—		
13	Bacterial count (MPN)	—	—		

R.S./S

Chemist

Soregaon WTP

Bhavani peth WTP
Treated water analysis

1) Bromine \rightarrow LO \rightarrow 0.001 A

2) Nickel \rightarrow LO \rightarrow 0.001 A

3) Nitrite \rightarrow LO \rightarrow 0.001 A

4) Cyanide \rightarrow LO \rightarrow 0.000 A

5) Copper \rightarrow LO \rightarrow -0.0006 A

6) Chromium \rightarrow LO \rightarrow -0.001 A

7) Lead \rightarrow LO \rightarrow -0.001 A

8) Phenol \rightarrow LO \rightarrow -0.003 A

9) Arsenic \rightarrow LO \rightarrow 0.025 A