



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

Indrabhuvan, Railway line, punyashlok appasaheb varad path, Solapur-413003
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PHE/BHIMA-1332

12/20/12/2023

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)	3.8	0.6	1.0	5.0
4	pH Values	8.06	7.72	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	264.95	259.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	340	330	200	600
8	Alkalinity (as CaCO ₃)	270	260	200	600
9	Total Dissolved Solids	801	806	500	2000
10	Residual chlorine	—	4.5	—	—
10	Dissolved oxygen	1.2	6.4	6.5	8.0
11	Electrical conductivity	—	—		
12	Temperature	—	—		
13	Bacterial count (MPN)	Samples taken & kept for incubation.			

R.S.H.
Chemist
Soregaon WTP

Date 13/12/23

- 1) Bromine - LO \rightarrow 0.000A
- 2) Nickel - LO \rightarrow 0.000A
- 3) Nitrite - LO \rightarrow 0.002A

Treated water Analysis

Date - 20/12/23

- 1) Bromine - LO \rightarrow 0.001A
- 2) Nickel - LO \rightarrow - 0.002A
- 3) Nitrite - LO \rightarrow 0.001A