



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

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PHE/BHIMA- 34

दि. 13/3/2025

Water testing report of Soregaon WTP

Sr.No	Test Parameter	Raw Water	Treated Water	BIS Specification 10500 : 2012 Normal values	
				Desirable Limits	Permissible Limits
			01		
1	Physical appearance	Slightly greenish	Clear		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	3.9	0.6	1.0	5.0
4	pH Values	8.16	7.69	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	312.90	309.90	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	370	360	200	600
8	Alkalinity (as CaCO ₃)	320	310	200	600
9	Total Dissolved Solids	712	716	500	2000
10	Residual chlorine	-	4.5	--	--
11	Dissolved oxygen	2.1	7.2	6.5	8.0
12	Bacterial count (MPN) After 24 hrs.	4+4 +ve	no any Change		

R.S. 1/1

Chemist

Soregaon WTP