



# Solapur Municipal Corporation, Solapur

## Public Health Engineer Department

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

Email – [smcpheutr@gmail.com](mailto:smcpheutr@gmail.com)

Tel.no.0217-2740350

PHE/BHIMA-983

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### 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)	5.6	0.4	1.0	5.0
4	pH Values	8.09	7.63	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	269.95	264.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO <sub>3</sub> )	280	275	200	600
8	Alkalinity (as CaCO <sub>3</sub> )	180	170	200	600
9	Total Dissolved Solids	732	740	500	2000
10	Residual chlorine	—	4.5	--	--
10	Dissolved oxygen	2.3	6.7	6.5	8.0
11	Electrical conductivity	1.57	1.55		
12	Temperature	—	—		
13	Bacterial count (MPN)	—	—		

*R.S.K.*

Chemist

Soregaon WTP