



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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PHE/BHIMA- 976

12/14/2023

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)	4-8	0.6	1.0	5.0
4	pH Values	8.19	7.64	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	284.95	280.95	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)	230	220	200	600
9	Total Dissolved Solids	809	813	500	2000
10	Residual chlorine	—	4.5	--	--
10	Dissolved oxygen	2.1	6.4	6.5	8.0
11	Electrical conductivity	1.61	1.58		
12	Temperature	—	—		
13	Bacterial count (MPN)	—	—		

RSK

Chemist
Soregaon WTP