



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

Indrabhuvan, Railway line, punyashlok appasaheb varad path, Solapur-413003
Email - smephewtr@gmail.com Tel.no.0217-2740350

PHE/BHIMA-1308

दि. 3/12/2023

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	Clean		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	3.8	0.6	1.0	5.0
4	pH Values	7.96	7.54	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	194.95	189.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	290	280	200	600
8	Alkalinity (as CaCO ₃)	180	170	200	600
9	Total Dissolved Solids	712	717	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)	—	—		

R.S.H.
Chemist
Soregaon WTP