



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

PHE/BHIMA- 50

दि. 28/3/2024

Water testing report of Soregaon WTP

Sr.No	Test Parameter	Raw Water	Treated Water	BIS Specification 10500 : 2012 Normal values	
				Desirable Limits	Permissible Limits
		Slightly greenish	01 Clean		
1	Physical appearance				
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	4.8	0.6	1.0	5.0
4	pH Values	8.21	7.62	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	324.90	324.90	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)	340	330	200	600
9	Total Dissolved Solids	725	730	500	2000
10	Residual chlorine	—	4.5	--	--
10	Dissolved oxygen	2.7	7.2	6.5	8.0
11	Electrical conductivity	—	—		
12	Bacterial count (MPN)	—	—		

R.S.
Chemist
Soregaon WTP