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- 42 दि.20/3/2025

Water testing report of Soregaon WTP

Sr.No	Test Parameter	Raw Water	Treated Water	BIS Specification 10500 : 2012 Normal values	
			01	Desirable Limits	Permissible Limits
1	Physical appearance	Slightly greenish	Clear		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	4.5	0.6	1.0	5.0
4	pH Values	8.01	7.74	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	312.95	309.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO3)	390	380	200	600
8	Alkalinity (as CaCO3)	350	340	200	600
9	Total Dissolved Solids	749	752	500	2000
10	Residual chlorine	—	4.5	--	--
10	Dissolved oxygen	2.9	6.9	6.5	8.0
11	Electrical conductivity	—	—		
12	Temperature	—	—		
13	Bacterial count (MPN) After 24 hrs.	4 +ve	no any change		

R.S.

Chemist

Soregaon WTP