



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- 1389

R. 9/2/2024

Water testing report of Soregaon WTP

Sr.No	Test Parameter	Raw Water	Treated Water	BIS Specification 10500 : 2012 Normal values	
				Desirable Limits	Permissible Limits
1	Physical appearance	Slightly greenish	Clean		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	5.2	0.8	1.0	5.0
4	pH Values	8.01	7.64	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	309.95	306.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	420	410	200	600
8	Alkalinity (as CaCO ₃)	320	310	200	600
9	Total Dissolved Solids	1050	1056	500	2000
10	Residual chlorine	-	4.5	-	-
10	Dissolved oxygen	4.2	6.7	6.5	8.0
11	Electrical conductivity	-	-		
12	Temperature	-	-		
13	Bacterial count (MPN)	16	0		

R.S.
Chemist
Soregaon WTP