

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-

दि. 17/1/2023

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	Odorless	Odorless	Agreeable	Agreeable
3	Turbidity (as NTU)	4.2	0.7	1.0	5.0
4	pH Values	8.16	7.69	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	254.92	249.92	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)			200	600
8	Alkalinity (as CaCO ₃)	270	265	200	600
9	Total Dissolved Solids	776	782	500	2000
10	Residual chlorine	-	4.5	--	--
10	Dissolved oxygen	3.1	6.3	6.5	8.0
11	Electrical conductivity	1.77	1.74		
12	Temperature	-	-		
13	Bacterial count (MPN)	Samples taken with proper precaution & kept for incubation.			

R.S.
Chemist