



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

Indrabhuvan, Railway line, punyashlok appasaheb varad path, Solapur-413003

Email – smepheutr@gmail.com

Tel.no.0217-2740350

PHE/BHIMA- 1453

दि. 27/13/2024

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)	3.1	0.4	1.0	5.0
4	pH Values	8.19	7.86	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	101.90	99.90	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	190	180	200	600
8	Alkalinity (as CaCO ₃)	140	130	200	600
9	Total Dissolved Solids	412	418	500	2000
10	Residual chlorine	~	4.5	--	--
11	Dissolved oxygen	1.6	6.2	6.5	8.0
12	Bacterial count (MPN)	16	0		

Chemist
Soregaon WTP