



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

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दि. 15/5/2024

PHE/BHIMA- 1507

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	Clear		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	3.9	0.5	1.0	5.0
4	pH Values	7.92	7.61	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	149.95	144.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	240	230	200	600
8	Alkalinity (as CaCO ₃)	220	210	200	600
9	Total Dissolved Solids	464	471	500	2000
10	Residual chlorine	—	4.5	--	--
11	Dissolved oxygen	2.1	6.9	6.5	8.0
12	Bacterial count (MPN)	47.1 +ve	no any change		

R.S.

Chemist

Soregaon WTP