



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

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PHE/BHIMA- 951

25/1/2023

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	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	4.9	0.7	1.0	5.0
4	pH Values	8.16	7.59	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	296.95	291.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	380	370	200	600
8	Alkalinity (as CaCO ₃)	290	285	200	600
9	Total Dissolved Solids	812	817	500	2000
10	Residual chlorine	-	4.5	--	--
10	Dissolved oxygen	2.1	6.7	6.5	8.0
11	Electrical conductivity	1.86	1.83		
12	Temperature	-	-		
13	Bacterial count (MPN)	Samples taken & kept for incubation			

RS
Chemist
Soregaon WTP