



# Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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PHE/BHIMA- 1372

दि. 25/1 /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
			01		
1	Physical appearance	Slightly greenish	Clear		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	5.6	0.7	1.0	5.0
4	pH Values	8.19	7.64	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	306.95	302.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO <sub>3</sub> )	400	390	200	600
8	Alkalinity (as CaCO <sub>3</sub> )	310	300	200	600
9	Total Dissolved Solids	956	960	500	2000
10	Residual chlorine	-	4.5	-	-
10	Dissolved oxygen	1.2	6.2	6.5	8.0
11	Electrical conductivity	-	-		
12	Bacterial count (MPN)	3++ +ve	no any change		

R.S.K.

Chemist  
Soregaon WTP

Date :- 25/11/24

Soregaon WTP (Treated Water)

- 1) Bromine  $\rightarrow$  LO  $\rightarrow$  0.002 A
- 2) Nickel  $\rightarrow$  LO  $\rightarrow$  -0.001 A
- 3) Nitrite  $\rightarrow$  LO  $\rightarrow$  0.002 A
- 4) Cyanide  $\rightarrow$  LO  $\rightarrow$  0.000 A
- 5) Cadmium  $\rightarrow$  LO  $\rightarrow$  -0.082 A
- 6) Iron  $\rightarrow$  LO  $\rightarrow$  0.000 A
- 7) Chromium  $\rightarrow$  LO  $\rightarrow$  -0.007 A
- 8) Manganese  $\rightarrow$  LO  $\rightarrow$  0.00 A
- 9) Lead  $\rightarrow$  LO  $\rightarrow$  -0.003 A
- 10) Arsenic  $\rightarrow$  LO  $\rightarrow$  -0.224 A.