



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

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PHE/BHIMA-1347

21/11/2023

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	Clear		
2	Odour	Odourless	Odourless	Agreeable	Agreeable
3	Turbidity (as NTU)	4.2	0.6	1.0	5.0
4	pH Values	8.01	7.64	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	294.95	289.95	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total Hardness (as CaCO ₃)	370	360	200	600
8	Alkalinity (as CaCO ₃)	280	270	200	600
9	Total Dissolved Solids	852	857	500	2000
10	Residual chlorine	-	4.5	--	--
10	Dissolved oxygen	1.2	6.2	6.5	8.0
11	Electrical conductivity	-	-		
12	Temperature	-	-		
13	Bacterial count (MPN)	37.7 +ve	no any change		

R.S.K.
Chemist
Soregaon WTP