



17-11-2023

Solapur Municipal Corporation, Solapur
Public Health Engineer Department

Indrabhuvan Railway Line, Punyashlok Appasaheb varad Peth, Solapur-413003

Email :- smcphewtr@email.com

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Water Testing Report Bhavani Peth WTP

Sr.No.	Test Parameter	Raw Water	Treated Water	BIS Specification 10500:2012 Normal Values	
				Desirable Limits	Permissible Limits
1	Physical appearance	clean	clean		
2	Odour	odourless	odourless	Agreeable	Agreeable
3	Turbidity (as NTU).	2.4	0.5	1.0	5.0
4	pH Values	6.98	7.14	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	74.97	72.48	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total hardness (as CaCO ₃)	220	210	200	600
8	Alkalinity (as CaCO ₃)	100	95	200	600
9	Total Dissolved solids	283	287	500	2000
10	Residual chlorine	—	4.0		
11	Dissolved Oxygen	—			
12	Electrical conductivity	—		6.5	8.0
13	Temperature	—			
14	Bacterial count (MPN)	16	0		

S.D. Jadhav
Chemist
Bhavani Peth WTP