



DT-19-01-2023

**Solapur Municipal Corporation, Solapur**  
**Public Health Engineer Department**

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

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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)	2.7	0.8	1.0	5.0
4	pH Values	7.25	7.21	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	69.97	66.48	250	1000
6	Ammonia	Absent	Absent	0.5	No relaxation
7	Total hardness (as CaCO <sub>3</sub> )	206	190	200	600
8	Alkalinity (as CaCO <sub>3</sub> )	110	105	200	600
9	Total Dissolved solids	253	258	500	2000
10	Residual chlorine	-	4.0		
11	Dissolved Oxygen	-		6.5	8.0
12	Electrical conductivity	-			
13	Temperature	-			
14	Bacterial count (MPN)	16	0		

S.D. Jadhav  
Chemist  
Bhavani Peth WTP