



Dt - 02 - 08 - 2023

Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

Tel.No.0217-2740350

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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	colourless	colourless	Agreeable	Agreeable
2	Odour	odourless	odourless	1.0	5.0
3	Turbidity (as NTU)	3.4	0.5	6.5 to 8.5	No relaxation
4	pH Values	7.05	6.86	250	1000
5	Chlorides (as Cl)	79.97	72.48	0.5	No relaxation
6	Ammonia	Absent	Absent	200	600
7	Total hardness (as CaCO ₃)	210	200	200	600
8	Alkalinity (as CaCO ₃)	100	95	500	2000
9	Total Dissolved solids	286	295	-	-
10	Residual chlorine	—	4.0	6.5	8.0
11	Dissolved Oxygen	—	—	—	—
12	Electrical conductivity	—	—	—	—
13	Temperature	—	—	—	—
14	Bacterial count (MPN)	16	0	—	—

S.O. Jadhav
Chemist
Bhavani Peth WTP