



Dt - 17-02-2025

Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

Email :- smcphewtr@email.com

Tel.No.0217-2740350

Water Testing Report Bhavani Peth WTP

| Sr.No. | Test Parameter | Raw Water | Treated Water | DIS Specification 10500:2012 Normal Values | |
|--------|--|----------------|---------------|--|--------------------|
| | | | | Desirable Limits | Permissible Limits |
| | Physical appearance | slightly green | colourless | | |
| | Odour | odourless | odourless | Agreeable | Agreeable |
| | Turbidity (as NTU) | 3.5 | 0.7 | 1.0 | 5.0 |
| | pH Values | 7.02 | 7.04 | 6.5 to 8.5 | No relaxation |
| | Chlorides (as Cl) | 112.48 | 108.97 | 250 | 1000 |
| | Ammonia | Absent | Absent | 0.5 | No relaxation |
| | Total hardness (as CaCO ₃) | 270 | 260 | 200 | 600 |
| | Alkalinity (as CaCO ₃) | 120 | 115 | 200 | 600 |
| | Total Dissolved solids | 283 | 289 | 500 | 2000 |
| | Residual chlorine | - | 4.0 | | |
| | Dissolved Oxygen | - | | 6.5 | 8.0 |
| | Electrical conductivity | - | | | |
| | Temperature | - | | | |
| | Bacterial count (MPN) | 16 | 0 | | |

S.D. Jadhav

Chemist

Bhavani Peth WTP