



Dt-13-12-2023

Solapur Municipal Corporation, Solapur
Public Health Engineer Department

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

Email :- smepheotr@gmail.com

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Water Testing Report Bhavani Peth WTP

| Sr.No. | Test Parameter | Rnw 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). | 3.2 | 0.5 | 1.0 | 5.0 |
| 4 | pH Values | 6.97 | 6.82 | 6.5 to 8.5 | No relaxation |
| 5 | Chlorides (as Cl) | 72.97 | 70.48 | 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 | 288 | 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