



Dt-13-11-2024

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 | DIS Specification 10500:2012 Normal Values | |
|-------|--|-----------|---------------|--|--------------------|
| | | | | Desirable Limits | Permissible Limits |
| | Physical appearance | Clean | clean | | |
| | Odour | odourless | odourness | Agreeable | Agreeable |
| | Turbidity (as NTU). | 1.7 | 0.5 | 1.0 | 5.0 |
| | pH Values | 6.97 | 7.02 | 6.5 to 8.5 | No relaxation |
| | Chlorides (as Cl) | 104.98 | 102.47 | 250 | 1000 |
| | Ammonia | Absent | Absent | 0.5 | No relaxation |
| | Total hardness (as CaCO ₃) | 250 | 240 | 200 | 600 |
| | Alkalinity (as CaCO ₃) | 90 | 85 | 200 | 600 |
| | Total Dissolved solids | 274 | 278 | 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