



01-16-02-2023

Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

Email: smcphewtr@gmail.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 |
| 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 | 7.25 | 7.08 | 6.5 to 8.5 | No relaxation |
| 5 | Chlorides (as Cl) | 74.97 | 69.48 | 250 | 1000 |
| 6 | Ammonia | Absent | Absent | 0.5 | No relaxation |
| 7 | Total hardness (as CaCO ₃) | 210 | 200 | 200 | 600 |
| 8 | Alkalinity (as CaCO ₃) | 110 | 105 | 200 | 600 |
| 9 | Total Dissolved solids | 269 | 275 | 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.O. Jadhav
Chemist
Bhavani Peth WTP