



Dt- 04-09-2024

Solapur Municipal Corporation, Solapur  
Public Health Engineer Department

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

Email :- [smcphewtr@gmail.com](mailto:smcphewtr@gmail.com)

Tel No 0217-2740350

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                    | clean     | clean         |  |                    |
| 2      | Odour                                  | odourless | odourless     | Agreeable                                  | Agreeable          |
| 3      | Turbidity (as NTU)                     | 2.4       | 0.5           | 10   | 50                 |
| 4      | pH Values                              | 7.02      | 7.04          | 6.5 to 8.5                                 | No relaxation      |
| 5      | Chlorides (as Cl)                      | 97.42     | 94.97         | 250  | 1000               |
| 6      | Ammonia                                | Absent    | Absent        | 0.5  | No relaxation      |
| 7      | Total hardness (as CaCO <sub>3</sub> ) | 240       | 230           | 200  | 600                |
| 8      | Alkalinity (as CaCO <sub>3</sub> )     | 90        | 80            | 200  | 600                |
| 9      | Total Dissolved solids                 | 271       | 278           | 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.D. Jadhav

Chemist

Bhavani Peth WTP

