



Dt - 16-11-2024

Solapur Municipal Corporation, Solapur  
Public Health Engineer Department

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

Email :- [smcphewtr@email.com](mailto:smcphewtr@email.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                    | Colourless | colourless    |  |                    |
| 2      | Odour                                  | odourless  | odourless     | Agreeable                                  | Agreeable          |
| 3      | Turbidity (as NTU)                     | 2.3        | 0.5           | 1.0  | 5.0                |
| 4      | pH Values                              | 7.08       | 7.16          | 6.5 to 8.5                                 | No relaxation      |
| 5      | Chlorides (as Cl)                      | 118.42     | 114.47        | 250  | 1000               |
| 6      | Ammonia                                | Absent     | Absent        | 0.5  | No relaxation      |
| 7      | Total hardness (as CaCO <sub>3</sub> ) | 290        | 280           | 200  | 600                |
| 8      | Alkalinity (as CaCO <sub>3</sub> )     | 100        | 95            | 200  | 600                |
| 9      | Total Dissolved solids                 | 281        | 287           | 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

