**Supplementary1: CSSD water quality report at Tata Medical Center, Kolkata**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CSSD water** | **Chlorine Level (PPM)****Acceptable limit****(0.2-0.5 PPM)** | **TDS (PPM)** | **Total aerobic colony count per 100 ml after 48 hours incubation****(Max limit:****<2000 CFU/ 100 ml)** | **Nature of Colony** | **Pseudomonas****(Max limit:****0 CFU /100 ml)** | **Coliforms****(Max limit:****0 CFU /100 ml)** | **Remarks** |
| Double Reverse osmosis filtration | 0.35 | 0 | 1CFU | Gram-positive cocci colonies are found. | Not Found | Not Found | Satisfactory |
| Single Reverse osmosis filtration | 0.37 | 17 | 1CFU | Gram-positive cocci colonies are found. | Not Found | Not Found | Satisfactory |
| Negative Control | -- | -- | 0 CFU | -- | Not Found | Not Found | Satisfactory |