|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bacteria** | **S1** | **S2** | **S3** | **S4** | **S5** | **S6** | **S7** | **S8** | **S9** | **S10** | **S11** | **S12** | **Total** |
| *Chromobacterium sp.* | 100 | 0 | 0 | 0 | 0 | 5 | 5 | 100 | 0 | 10 | 0 | 0 | 220 (8.8) |
| *Flavobacterium sp.* | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 (2.0) |
| *Acintobacter sp.* | 60 | 105 | 10 | 105 | 0 | 60 | 15 | 0 | 100 | 105 | 100 | 105 | 765 (30.6) |
| *Providencia sp.* | 15 | 0 | 20 | 100 | 0 | 15 | 5 | 5 | 0 | 15 | 5 | 5 | 185 (7.4) |
| *Staphylococcus sp.*(CNS) | 5 | 50 | 5 | 60 | 100 | 5 | 0 | 5 | 60 | 10 | 0 | 0 | 300 (2.0) |
| *Bacillus sp.* | 0 | 10 | 25 | 5 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 240 (9.6) |
| *Streptococcus sp.* | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 200 (8.0) |
| *Lactobacillus sp.* | 0 | 0 | 50 | 0 | 100 | 20 | 0 | 100 | 100 | 0 | 0 | 0 | 370 (14.8) |
| *Micrococcus sp.* | 0 | 0 | 0 | 0 | 0 | 15 | 5 | 20 | 5 | 0 | 0 | 0 | 45 (1.8) |
| *Flavobacterium sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 15 (0.6) |
| *Micrococcus sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 0 | 105 (4.2) |
| *Pseudomonas sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Aeromonas sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Salmonella sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Pasteurella sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 (0.2) |
| Total | 230 (9.2) | 265 (10.6) | 110  (4.4) | 270 (10.8) | 200 (8.0) | 120 (4.8) | 40 (1.6) | 230 (9.2) | 265 (10.6) | 345 (13.8) | 315 (12.6) | 110 (4.4) |  |

Table 4: Types, number and percentages of microbes isolated from biofilm samples collected from residential sites and GWI sites.

**S1** - La Penitence, **S2** - Albouystown, **S3** - Kitty, **S4** – Sophia, **S5** – Wortmanville, **S6** - Raw water, **S7** - Treated water,

**S8** - Clarified water, **S9** - Flume water, **S10** - Distribution water, **S11** - Central Ruimveldt Well, **S12** - Sophia Well