|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bacteria** | **S1** | **S2** | **S3** | **S4** | **S5** | **S6** | **S7** | **S8** | **S9** | **S10** | **S11** | **S12** | **Total** |
| *Chromobacterium sp.* | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 (2.8) |
| *Flavobacterium sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 (0.7) |
| *Acintobacter sp.* | 10 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 25 (3.5) |
| *Providencia sp.* | 5 | 5 | 5 | 5 | 0 | 15 | 5 | 5 | 5 | 0 | 0 | 0 | 50 (6.9) |
| *Staphylococcus sp.*(CNS) | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 25 (3.5) |
| *Bacillus sp.* | 5 | 5 | 0 | 5 | 15 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 70 (9.7) |
| *Streptococcus sp.* | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 25 (3.5) |
| *Lactobacillus sp.* | 45 | 0 | 0 | 30 | 10 | 0 | 0 | 105 | 0 | 45 | 100 | 105 | 440 (61.1) |
| *Micrococcus sp.* | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 15 | 5 | 35 (4.9) |
| *Flavobacterium sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Micrococcus sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 (1.4) |
| *Pseudomonas sp.* | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 (1.4) |
| *Aeromonas sp.* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Salmonella sp.* | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 (0.7) |
| Pasteurella sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 70 (9.7) | 35 (4.9) | 20 (2.8) | 55 (7.6) | 35 (4.9) | 35 (4.9) | 15 (2.1) | 125 (17.4) | 15 (2.1) | 65 (9.0) | 120 (16.7) | 130  (18.1) | |

Table 5: Types, number and percentages of microbes isolated from water samples collected from residential sites and GWI sites.

**S1** - La Penitence, **S2** - Albouys town, **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