

Table 7 Pollution index (contamination index) of heavy metals concentration in cassava mill effluent contaminated soil

| Location | Seasons | BMM | | | | | | | | |
|----------|---------|------|------|------|------|------|------|------|------|------|
| | | Cu | Zn | Mn | Fe | Pb | Cd | Cr | Ni | Co |
| LA | Dry | 1.23 | 1.20 | 1.16 | 1.14 | 1.35 | 1.22 | 1.28 | 1.40 | 1.47 |
| | Wet | 1.04 | 1.09 | 1.15 | 1.13 | 1.12 | 1.22 | 1.30 | 1.66 | 2.53 |
| LB | Dry | 2.33 | 1.23 | 1.20 | 1.08 | 1.18 | 1.22 | 1.57 | 1.54 | 1.13 |
| | Wet | 1.04 | 1.13 | 1.40 | 1.05 | 1.39 | 1.12 | 1.64 | 1.22 | 0.00 |
| LC | Dry | 1.10 | 1.29 | 1.17 | 1.05 | 1.13 | 1.22 | 1.23 | 1.40 | 1.05 |
| | Wet | 1.11 | 1.17 | 1.25 | 1.07 | 2.25 | 1.22 | 1.64 | 1.10 | 0.00 |
| LD | Dry | 1.19 | 1.06 | 1.16 | 1.08 | 1.35 | 1.22 | 1.14 | 1.20 | 1.18 |
| | Wet | 1.09 | 1.03 | 1.10 | 1.09 | 1.12 | 1.22 | 1.62 | 1.32 | 0.00 |
| LE | Dry | 1.33 | 1.07 | 1.13 | 1.07 | 2.16 | 1.22 | 1.17 | 1.29 | 1.09 |
| | Wet | 1.05 | 1.13 | 1.10 | 1.08 | 1.32 | 1.46 | 1.16 | 1.45 | 2.07 |

Note: 1= unpolluted; 2= Low polluted; 3 = moderately polluted; 4 strongly polluted; 5; extremely polluted.

BMM- Background Median Mean; BGM- Background Geometric Mean