Appendix 2: VIP latrine scenario 1 lifecycle O & M discounted cost

|  |  |  |  |
| --- | --- | --- | --- |
| Year  (r) | (1+r)n | Discount factor | Discounted lifecycle O & M  cost (USD) |
| 0 | 1 | 1 | 3043.90 |
| 1 | 1.16 | 0.8621 | 2624.05 |
| 2 | 1.3456 | 0.7432 | 2262.11 |
| 3 | 1.5609 | 0.6407 | 1950.10 |
| 4 | 1.8106 | 0.5523 | 1681.12 |
| 5 | 2.1003 | 0.4761 | 1449.24 |
| 6 | 2.4364 | 0.4104 | 1249.35 |
| 7 | 2.8262 | 0.3538 | 1077.02 |
| 8 | 3.2784 | 0.3050 | 928.47 |
| 9 | 3.8030 | 0.2630 | 800.40 |
| 10 | 4.4114 | 0.2267 | 690.00 |
| 11 | 5.1173 | 0.1954 | 594.83 |
| 12 | 5.9360 | 0.1685 | 512.78 |
| 13 | 6.8858 | 0.1452 | 442.06 |
| 14 | 7.9875 | 0.1252 | 381.08 |
| 15 | 9.2655 | 0.1079 | 328.52 |
| 16 | 10.7480 | 0.0930 | 283.21 |
| 17 | 12.4677 | 0.0802 | 244.14 |
| 18 | 14.4625 | 0.0691 | 210.47 |
| 19 | 16.7765 | 0.0596 | 181.44 |
| Discounted lifecycle O & M cost for scenario 1 | | | **20934.29** |
| Discount factor | | | 1/(1+r)n |
| Discount rate, r | | | 0.16 (16%) |
| First year O & M cost (USD) | | | 3043.90 |