|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Altered Model Constraints | Survival Percentage | Habitat Suitability | Buffer (mi) | Management Option | Total Lakes Simulation | Total Source Lakes | Total Lakes Infested | Percent Lakes Infested |
| Null | 100 | Off | - | - | 402 | 11 | 199 | 49.5 |
| - | Drawdown | 402 | 11 | 126 | 31.3 |
| - | 25% clean | 402 | 11 | 155 | 38.6 |
| - | 50% clean | 402 | 11 | 133 | 33.1 |
| - | 75% clean | 402 | 11 | 63 | 15.7 |
| HSI | 100 | On | - | - | 402 | 11 | 129 | 32.1 |
| - | BioBullet | 402 | 11 | 56 | 13.9 |
| - | Drawdown | 402 | 11 | 85 | 21.1 |
| - | 25% clean | 402 | 11 | 104 | 25.9 |
| - | 50% clean | 402 | 11 | 62 | 15.4 |
| - | 75% clean | 402 | 11 | 35 | 8.7 |
| Buffer | 100 | Off | 50 | - | 381 | 9 | 17 | 4.5 |
| 100 | - | 402 | 11 | 56 | 13.9 |
| 50 | Drawdown | 381 | 9 | 10 | 2.6 |
| 100 | Drawdown | 397 | 11 | 38 | 9.6 |
| 50 | 25% clean | 381 | 9 | 17 | 4.5 |
| 50 | 50% clean | 381 | 9 | 16 | 4.2 |
| 50 | 75% clean | 381 | 9 | 15 | 3.9 |
| 100 | 25% clean | 397 | 11 | 29 | 7.3 |
| 100 | 50% clean | 397 | 11 | 23 | 5.8 |
| 100 | 75% clean | 397 | 11 | 20 | 5.0 |
| HSI + Buffer | 100 | On | 50 | - | 384 | 9 | 16 | 4.2 |
| 100 | - | 402 | 11 | 53 | 13.2 |
| 50 | Biobullet | 381 | 9 | 14 | 3.7 |
| 100 | Biobullet | 397 | 11 | 24 | 6.0 |
| 50 | Drawdown | 381 | 9 | 13 | 3.4 |
| 100 | Drawdown | 397 | 11 | 12 | 3.0 |
| 50 | 25% clean | 381 | 9 | 16 | 4.2 |
| 50 | 50% clean | 381 | 9 | 15 | 3.9 |
| 50 | 75% clean | 381 | 9 | 15 | 3.9 |
| 100 | 25% clean | 397 | 11 | 26 | 6.5 |
| 100 | 50% clean | 397 | 11 | 21 | 5.3 |
| 100 | 75% clean | 397 | 11 | 19 | 4.8 |