

**III- 8.5 System Selection Worksheet template**

| ITEM                                    | VALUE | CONSTRAINT, OPPORTUNITY, RESULT | SOLUTION AND RATIONALE |
|---|-------|---------------------------------|------------------------|
| Soil texture                            |       |                                 |                        |
| Soil structure and consistence          |       |                                 |                        |
| Other soil notes                        |       |                                 |                        |
| Kfs                                     |       |                                 |                        |
| Percolation rate                        |       |                                 |                        |
| Soil depth                              |       |                                 |                        |
| Slope %                                 |       |                                 |                        |
| Slope shape, location                   |       |                                 |                        |
| Elevation house sewer to dispersal area |       |                                 |                        |
| Temperature                             |       |                                 |                        |
| Net positive evapotranspiration?        |       |                                 |                        |
| Rainfall?                               |       |                                 |                        |
| Soil constraints?                       |       |                                 |                        |
|   |       |                                 |                        |
|   |       |                                 |                        |
|   |       |                                 |                        |
| House bedrooms                          |       |                                 |                        |
| House area                              |       |                                 |                        |
| Occupants                               |       |                                 |                        |
| Daily Design Flow                       |       |                                 |                        |
| Daily Design Flow, option 2             |       |                                 |                        |

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|--|-------|---------------------------------|------------------------|
| Soil depth and VS options, distribution and dosing options |       |                                 |                        |
|  |       |                                 |                        |
|  |       |                                 |                        |
| Horizontal separation constraints?                         |       |                                 |                        |
|  |       |                                 |                        |
|  |       |                                 |                        |
| HLR for Type 1   |       |                                 |                        |
| HLR for sand   |       |                                 |                        |
| HLR for Type 2   |       |                                 |                        |
| Minimum system contour length                              |       |                                 |                        |
|  |       |                                 |                        |
| Dispersal area size and options                            |       |                                 |                        |
|  |       |                                 |                        |
|  |       |                                 |                        |
|  |       |                                 |                        |
|  |       |                                 |                        |
|  |       |                                 |                        |
| Length constraint?   |       |                                 |                        |
|  |       |                                 |                        |
| Other considerations                                       |       |                                 |                        |
|  |       |                                 |                        |
| System summary   |       |                                 |                        |