|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Site Inspection Checklist** |  |  |  |  |  |  |  |  |  |   |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **A** | **Qualification** |  |  |  |  |  |  |  |  |  |  |
|  | 1 | Site investigator has been trained in site characterization procedures |  |  | Yes | No |
|  | 2 | Site investigator meets minimum qualifications as | (check one) |  |  | Yes | No |
|  |  |  | Licensed engineer |  |  |  |  |  |  |  |  |
|  |  |  | Licensed plumber |  |  |  |  |  |  |  |  |
|  |  |  | Licensed contractor |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **B** | **Surface characterization** |  |  |  |  |  |  |  |  |  |
|  | 1 | Surface slope is > 15%. If so, on-site leaching permitted only with special permission. | Yes | No |
|  | 2 | Seasonal saturation at the ground surface.  |  |  |  |  | Yes | No |
|  | 3 | Site is located within a floodplain or 100 year flood hazard zone. |  |  | Yes | No |
|  | 4 | Rock outcroppings are present. |  |  |  |  |  |  | Yes | No |
|  | 5 | Fill material is present  |  |  |  |  |  |  | Yes | No |
|  | 6 | Setbacks are met between the feature and any part of the wastewater system |  | Yes | No |
|  |  |  | from any well  |  |  |  |  |  |  | Yes | No |
|  |  |  | from cut bank |  |  |  |  |  |  | Yes | No |
|  |  |  | from river or stream |  |  |  |  |  |  | Yes | No |
|  |  |  | from buildings |  |  |  |  |  |  | Yes | No |
|  |  |  | from property line |  |  |  |  |  |  | Yes | No |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **C** | **Subsurface Characterization** |  |  |  |  |  |  |  |  |  |
|  | 1 | Test holes (soil discovery holes) are excavated in the area proposed for the wastewater system | Yes | No |
|  | 2 | Soil limiting conditions have been identified |  |  |  |  | Yes | No |
|  |  |  | Seasonal saturation (ground water) at \_\_\_\_\_\_\_\_\_\_\_\_ | meters |  |  | Yes | No |
|  |  |  | Bedrock or refusal (too hard to dig further) at \_\_\_\_\_ | meters |  |  | Yes | No |
|  |  |  | Presence of impermeable clay or soil at | \_\_\_\_\_\_\_\_\_ | meters |  |  | Yes | No |
|  |  |  | Presence of gravel or sand at  |  | \_\_\_\_\_\_\_\_\_ | meters |  |  | Yes | No |
|  | 3 | Soil logs have been prepared and signed |  |  |  |  |  | Yes | No |
|  | 4 | Other soil analysis performed |  |  |  |  |  |  | Yes | No |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D** | **Soil percolation tests have been performed** |  |  |  |  |  | Yes | No |
|  | 1 | Sufficient number of sites have been tested (minimum one test in each stratum) |  | Yes | No |
|  | 2 | Percolation test holes are of the proper size and depth |  |  |  | Yes | No |
|  | 3 | Smeared soils are removed from the sidewalls of the percolation test hole |  | Yes | No |
|  | 4 | Presoak conducted for 16 - 30 hours |  |  |  |  |  | Yes | No |
|  | 5 | A Stabilized rate of between 5 MPI and 120 MPI has been achieved |  |  | Yes | No |
|  | 6 | Written percolation test logs are signed |  |  |  |  |  | Yes | No |
|  |  |  |  |  |  |  |  |  |  |  |  |  |