

## Landfills (ENG--6)

Alleghany County, Virginia

[The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the potential limitation. The table shows only the top five limitations for any given soil. The soil may have additional limitations]

| Map symbol and soil name                       | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|--|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|  |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>1A:</b>                                     |                  |                                    |       |                                    |       |                                    |       |
| Alonzville, loam, rarely flooded               | 80               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|  |                  | Too clayey                         | 0.50  | Flooding                           | 0.40  | Too clayey                         | 0.50  |
|  |                  | Flooding                           | 0.40  |                                    |       |                                    |       |
| <b>2A:</b>                                     |                  |                                    |       |                                    |       |                                    |       |
| Alonzville, loam, protected                    | 80               | Somewhat limited                   |       | Not limited                        |       | Somewhat limited                   |       |
|  |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>3C:</b>                                     |                  |                                    |       |                                    |       |                                    |       |
| Alticrest, channery sandy loam, very stony     | 50               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Slope                              | 0.63  |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Seepage                            | 0.50  |
| <b>Dekalb, channery sandy loam, very stony</b> |                  |                                    |       |                                    |       |                                    |       |
|  | 30               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Gravel content                     | 0.93  |
| <b>4D:</b>                                     |                  |                                    |       |                                    |       |                                    |       |
| Berks, channery silt loam                      | 80               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| <b>4E:</b>                                     |                  |                                    |       |                                    |       |                                    |       |
| Berks, channery silt loam                      | 80               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| <b>5C:</b>                                     |                  |                                    |       |                                    |       |                                    |       |
| Berks, channery silt loam                      | 55               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
| <b>Weikert, channery silt loam</b>             |                  |                                    |       |                                    |       |                                    |       |
|  | 30               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Seepage                            | 1.00  | Slope                              | 0.63  | Gravel content                     | 1.00  |
|  |                  | Slope                              | 0.63  |                                    |       | Slope                              | 0.63  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name                | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|---|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|   |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>6F:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Berks, channery silt loam               | 80               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| Weikert, channery silt loam             | 15               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| <b>7D:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Berks, channery silt loam, very stony   | 70               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| Weikert, channery silt loam, very stony | 25               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| <b>7E:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Berks, channery silt loam, very stony   | 55               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| Weikert, channery silt loam, very stony | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| <b>8E:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Caneyville, silt loam, very rocky       | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |

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| Map symbol and soil name                 | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|--|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|  |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>8F:</b>                               |                  |                                    |       |                                    |       |                                    |       |
| Caneyville, silt loam, very rocky        | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
| <b>9D:</b>                               |                  |                                    |       |                                    |       |                                    |       |
| Caneyville, silt loam, karst, very rocky | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
| <b>10C:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Caneyville, silt loam, karst             | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Too clayey                         | 1.00  | Slope                              | 0.37  | Too clayey                         | 1.00  |
|  |                  | Slope                              | 0.37  |                                    |       | Hard to compact                    | 1.00  |
| Frederick, silt loam, karst              | 45               | Very limited                       |       | Somewhat limited                   |       | Very limited                       |       |
|  |                  | Too clayey                         | 1.00  | Slope                              | 0.37  | Too clayey                         | 1.00  |
|  |                  | Slope                              | 0.37  |                                    |       | Hard to compact                    | 1.00  |
|  |                  |                                    |       |                                    |       | Slope                              | 0.37  |
| <b>10D:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Caneyville, silt loam, karst             | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
| Frederick, silt loam, karst              | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
|  |                  |                                    |       |                                    |       | Hard to compact                    | 1.00  |
| <b>10E:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Caneyville, silt loam, karst             | 60               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
| Frederick, silt loam, karst              | 35               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
|  |                  |                                    |       |                                    |       | Hard to compact                    | 1.00  |

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| Map symbol and soil name                      | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|---|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|   |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>11B:</b>                                   |                  |                                    |       |                                    |       |                                    |       |
| Cottonbend, silt loam                         | 85               | Not limited                        |       | Not limited                        |       | Not limited                        |       |
| Purdy   |                  | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>11C:</b>                                   |                  |                                    |       |                                    |       |                                    |       |
| Cottonbend, silt loam                         | 85               | Somewhat limited<br>Slope          | 0.37  | Somewhat limited<br>Slope          | 0.37  | Somewhat limited<br>Slope          | 0.37  |
| Purdy   |                  | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>12B:</b>                                   |                  |                                    |       |                                    |       |                                    |       |
| Cottonbend, silt loam                         | 50               | Not limited                        |       | Not limited                        |       | Not limited                        |       |
| Urban land                                    | 35               | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| Purdy   |                  | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>12C:</b>                                   |                  |                                    |       |                                    |       |                                    |       |
| Cottonbend, silt loam                         | 50               | Somewhat limited<br>Slope          | 0.37  | Somewhat limited<br>Slope          | 0.37  | Somewhat limited<br>Slope          | 0.37  |
| Urban land                                    | 35               | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| Purdy   |                  | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>13A:</b>                                   |                  |                                    |       |                                    |       |                                    |       |
| Coursey, silt loam, rarely flooded            | 80               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|   |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 0.86  |
|   |                  | Flooding                           | 0.40  | Flooding                           | 0.40  |                                    |       |
| Purdy   | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>14B:</b>                                   |                  |                                    |       |                                    |       |                                    |       |
| Coursey, silt loam, rarely flooded            | 30               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|   |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 0.86  |
|   |                  | Flooding                           | 0.40  | Flooding                           | 0.40  |                                    |       |
| Ogles, very cobbly loam, occasionally flooded | 30               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|   |                  | Flooding                           | 1.00  | Flooding                           | 1.00  | Gravel content                     | 0.71  |
|   |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Content of large stones            | 0.57  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Seepage                            | 0.50  |

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| Map symbol and soil name                     | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|--|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|  |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>14B:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Shelocta, silt loam                          | 30               | Not limited                        |       | Not limited                        |       | Somewhat limited<br>Gravel content | 0.14  |
| Purdy or other poorly drained soils          | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>15F:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Dekalb, channery sandy loam, extremely stony | 60               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
| <b>16D:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Dekalb, channery sandy loam, very stony      | 60               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
| Alticrest, channery sandy loam, very stony   | 25               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Seepage                            | 0.50  |
| <b>16E:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Dekalb, channery sandy loam, very stony      | 60               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
| Alticrest, channery sandy loam, very stony   | 25               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Seepage                            | 0.50  |
| <b>17D:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Dekalb, channery sandy loam, very stony      | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |

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|--|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|  |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>17D:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Lily, sandy loam, very stony                 | 30               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Seepage                            | 0.50  |
| McClung, sandy loam                          | 15               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
| <b>18E:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Dekalb, channery sandy loam, very stony      | 65               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
| Lily, sandy loam, very stony                 | 20               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Seepage                            | 0.50  |
| <b>19E:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Dekalb, channery sandy loam, extremely stony | 60               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
| Rock outcrop                                 | 30               | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>20E:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Dekalb, channery sandy loam, very stony      | 35               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
| Watahala, very gravelly sandy loam           | 30               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  | Seepage                            | 1.00  | Too clayey                         | 1.00  |
|  |                  |                                    |       |                                    |       | Hard to compact                    | 1.00  |
| McClung, sandy loam                          | 20               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |

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|--|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|  |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>21A:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Dunning, silt loam, occasionally flooded | 75               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Flooding                           | 1.00  | Flooding                           | 1.00  | Depth to saturated zone            | 1.00  |
|  |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Too clayey                         | 0.50  |
|  |                  | Too clayey                         | 0.50  |                                    |       |                                    |       |
| <b>22B:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Escatawba, loam, very stony              | 80               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|  |                  | Depth to saturated zone            | 0.86  | Depth to saturated zone            | 0.19  | Too clayey                         | 0.50  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Depth to saturated zone            | 0.47  |
| Poorly drained soils                     |                  | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>22C:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Escatawba, loam, very stony              | 80               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|  |                  | Depth to saturated zone            | 0.86  | Slope                              | 0.63  | Slope                              | 0.63  |
|  |                  | Slope                              | 0.63  | Depth to saturated zone            | 0.19  | Too clayey                         | 0.50  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Depth to saturated zone            | 0.47  |
| Poorly drained soils                     |                  | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>22D:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Escatawba, loam, very stony              | 75               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Depth to saturated zone            | 0.86  | Depth to saturated zone            | 0.19  | Too clayey                         | 0.50  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Depth to saturated zone            | 0.47  |
| <b>23C:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Faywood, silty clay loam                 | 50               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Too clayey                         | 1.00  | Slope                              | 0.63  | Too clayey                         | 1.00  |
|  |                  | Slope                              | 0.63  |                                    |       | Hard to compact                    | 1.00  |
| Poplimento, silty clay loam              | 40               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>23D:</b>                              |                  |                                    |       |                                    |       |                                    |       |
| Faywood, silty clay loam                 | 50               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name           | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|------------------------------------|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|                                    |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>23D:</b>                        |                  |                                    |       |                                    |       |                                    |       |
| Poplimento, silty clay loam        | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                    |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|                                    |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>23E:</b>                        |                  |                                    |       |                                    |       |                                    |       |
| Faywood, silty clay loam           | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                    |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|                                    |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|                                    |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
| Poplimento, silty clay loam        | 35               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                    |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|                                    |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>24C:</b>                        |                  |                                    |       |                                    |       |                                    |       |
| Frederick, silt loam               | 75               | Very limited                       |       | Somewhat limited                   |       | Very limited                       |       |
|                                    |                  | Too clayey                         | 1.00  | Slope                              | 0.63  | Too clayey                         | 1.00  |
|                                    |                  | Slope                              | 0.63  |                                    |       | Hard to compact                    | 1.00  |
|                                    |                  |                                    |       |                                    |       | Slope                              | 0.63  |
| <b>24D:</b>                        |                  |                                    |       |                                    |       |                                    |       |
| Frederick, silt loam               | 75               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                    |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|                                    |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
|                                    |                  |                                    |       |                                    |       | Hard to compact                    | 1.00  |
| <b>25C:</b>                        |                  |                                    |       |                                    |       |                                    |       |
| Frederick, gravelly silt loam      | 50               | Very limited                       |       | Somewhat limited                   |       | Very limited                       |       |
|                                    |                  | Too clayey                         | 1.00  | Slope                              | 0.63  | Too clayey                         | 1.00  |
|                                    |                  | Slope                              | 0.63  |                                    |       | Hard to compact                    | 1.00  |
|                                    |                  |                                    |       |                                    |       | Slope                              | 0.63  |
| Watahala, very gravelly sandy loam | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                    |                  | Too clayey                         | 1.00  | Seepage                            | 1.00  | Too clayey                         | 1.00  |
|                                    |                  | Slope                              | 0.63  | Slope                              | 0.63  | Hard to compact                    | 1.00  |
|                                    |                  |                                    |       |                                    |       | Slope                              | 0.63  |
| <b>25D:</b>                        |                  |                                    |       |                                    |       |                                    |       |
| Frederick, gravelly silt loam      | 50               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                    |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|                                    |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
|                                    |                  |                                    |       |                                    |       | Hard to compact                    | 1.00  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name               | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|--|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|  |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>25D:</b>                            |                  |                                    |       |                                    |       |                                    |       |
| Watahala, very gravelly sandy loam     | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 1.00  | Seepage                            | 1.00  | Too clayey                         | 1.00  |
|  |                  |                                    |       |                                    |       | Hard to compact                    | 1.00  |
| <b>26C:</b>                            |                  |                                    |       |                                    |       |                                    |       |
| Gilpin, silt loam                      | 80               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>26D:</b>                            |                  |                                    |       |                                    |       |                                    |       |
| Gilpin, silt loam                      | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>27A:</b>                            |                  |                                    |       |                                    |       |                                    |       |
| Gladehill, loam, occasionally flooded  | 80               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|  |                  | Flooding                           | 1.00  | Flooding                           | 1.00  | Seepage                            | 0.50  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  |                                    |       |
| <b>28A:</b>                            |                  |                                    |       |                                    |       |                                    |       |
| Gladehill, loam, protected             | 80               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Seepage                            | 0.50  |
| <b>29:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Landfills                              | 85               | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>30C:</b>                            |                  |                                    |       |                                    |       |                                    |       |
| Lehew, channery sandy loam, very stony | 50               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Seepage                            | 1.00  |
| Berks, channery silt loam, very stony  | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name                    | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|---|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|   |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>30D:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| Lehew, channery sandy loam, very stony      | 50               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| Berks, channery silt loam, very stony       | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| <b>30E:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| Lehew, channery sandy loam, very stony      | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| Berks, channery silt loam, very stony       | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| <b>31F:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| Lehew, channery sandy loam, extremely stony | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| Berks, channery silt loam, extremely stony  | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| Rock outcrop                                | 10               | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>32C:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| Lily, sandy loam                            | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Slope                              | 0.63  |
|   |                  | Slope                              | 0.63  | Slope                              | 0.63  | Seepage                            | 0.50  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name                    | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|---|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|   |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>33D:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| Lily, sandy loam, very stony                | 80               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Seepage                            | 0.50  |
| <b>34C:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| Lily, sandy loam                            | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Slope                              | 0.63  |
|   |                  | Slope                              | 0.63  | Slope                              | 0.63  | Seepage                            | 0.50  |
| McClung, sandy loam                         | 30               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|   |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
| Dekalb, channery sandy loam, very stony     | 20               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
|   |                  | Slope                              | 0.63  | Slope                              | 0.63  | Gravel content                     | 0.93  |
| <b>35C:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| Macove, channery silt loam, very stony      | 85               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Slope                              | 0.63  |
|   |                  | Slope                              | 0.63  | Slope                              | 0.63  | Gravel content                     | 0.55  |
|   |                  | Too clayey                         | 0.50  |                                    |       | Seepage                            | 0.50  |
| <b>36A:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| Massanetta, silt loam, occasionally flooded | 75               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|   |                  | Flooding                           | 1.00  | Flooding                           | 1.00  | Depth to saturated zone            | 0.86  |
|   |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  |                                    |       |
| Dunning                                     | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| Purdy                                       | 0                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>37D:</b>                                 |                  |                                    |       |                                    |       |                                    |       |
| McClung, sandy loam                         | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
| Watahala, very gravelly sandy loam          | 25               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|   |                  | Too clayey                         | 1.00  | Seepage                            | 1.00  | Too clayey                         | 1.00  |
|   |                  |                                    |       |                                    |       | Hard to compact                    | 1.00  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name                | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|---|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|   |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>37D:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Dekalb, channery sandy loam, very stony | 20               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|   |                  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Depth to bedrock                   | 1.00  | Seepage                            | 1.00  |
| <b>38B:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Murrill, loam                           | 85               | Somewhat limited                   |       | Not limited                        |       | Somewhat limited                   |       |
|   |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>38C:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Murrill, loam                           | 85               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|   |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
|   |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>38D:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Murrill, loam                           | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|   |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>39C:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Murrill, cobbly loam, very stony        | 95               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|   |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
|   |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>39D:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Murrill, cobbly loam, very stony        | 95               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|   |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>40B:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Nicelytown, silt loam                   | 80               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  |
|   |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| Purdy                                   | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| <b>40C:</b>                             |                  |                                    |       |                                    |       |                                    |       |
| Nicelytown, silt loam                   | 80               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  |
|   |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
|   |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name                              | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|---|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|   |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| 40C:<br>Purdy   | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| 41A:<br>Ogles, very cobbly loam, occasionally flooded | 80               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|   |                  | Flooding                           | 1.00  | Flooding                           | 1.00  | Gravel content                     | 0.71  |
|   |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Content of large stones            | 0.57  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Seepage                            | 0.50  |
| 42B:<br>Oriskany, cobbly sandy loam, very stony       | 85               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Content of large stones            | 0.86  |
|   |                  | Content of large stones            | 0.86  |                                    |       | Seepage                            | 0.50  |
| 43C:<br>Oriskany, cobbly sandy loam, extremely stony  | 75               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Content of large stones            | 0.86  |
|   |                  | Content of large stones            | 0.86  | Slope                              | 0.63  | Slope                              | 0.63  |
|   |                  | Slope                              | 0.63  |                                    |       | Seepage                            | 0.50  |
| 43D:<br>Oriskany, cobbly sandy loam, extremely stony  | 75               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Content of large stones            | 0.86  |
|   |                  | Content of large stones            | 0.86  |                                    |       | Seepage                            | 0.50  |
| 43E:<br>Oriskany, cobbly sandy loam, extremely stony  | 80               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Content of large stones            | 0.86  |
|   |                  | Content of large stones            | 0.86  |                                    |       | Seepage                            | 0.50  |
| 44E:<br>Oriskany, extremely bouldery sandy loam       | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|   |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|   |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Content of large stones            | 0.96  |
|   |                  | Content of large stones            | 0.96  |                                    |       | Seepage                            | 0.50  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name                     | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|--|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|  |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>45C:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Oriskany, cobbly sandy loam, very stony      | 55               | Very limited                       |       | Very limited                       |       | Somewhat limited                   |       |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Content of large stones            | 0.86  |
|  |                  | Content of large stones            | 0.86  | Slope                              | 0.63  | Slope                              | 0.63  |
|  |                  | Slope                              | 0.63  |                                    |       | Seepage                            | 0.50  |
| Murrill, cobbly loam, very stony             | 35               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>45D:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Oriskany, cobbly sandy loam, very stony      | 55               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Content of large stones            | 0.86  |
|  |                  | Content of large stones            | 0.86  |                                    |       | Seepage                            | 0.50  |
| Murrill, cobbly loam, very stony             | 35               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>45E:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Oriskany, cobbly sandy loam, extremely stony | 65               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Content of large stones            | 0.86  |
|  |                  | Content of large stones            | 0.86  |                                    |       | Seepage                            | 0.50  |
| Murrill, cobbly loam, extremely stony        | 25               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|  |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| <b>46A:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Purdy, silty clay loam                       | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  |
|  |                  | Too clayey                         | 1.00  | Ponding                            | 1.00  | Too clayey                         | 1.00  |
|  |                  | Ponding                            | 1.00  |                                    |       | Hard to compact                    | 1.00  |
| <b>47C:</b>                                  |                  |                                    |       |                                    |       |                                    |       |
| Shelocta, silt loam                          | 60               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|  |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
|  |                  |                                    |       |                                    |       | Gravel content                     | 0.14  |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name  | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|---------------------------|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|                           |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| 47C:                      |                  |                                    |       |                                    |       |                                    |       |
| Berks, channery silt loam | 20               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                           |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|                           |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
|                           |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
| 47D:                      |                  |                                    |       |                                    |       |                                    |       |
| Shelocta, silt loam       | 60               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                           |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|                           |                  |                                    |       |                                    |       | Gravel content                     | 0.14  |
| Berks, channery silt loam | 20               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                           |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|                           |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|                           |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| 47E:                      |                  |                                    |       |                                    |       |                                    |       |
| Shelocta, silt loam       | 70               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                           |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|                           |                  |                                    |       |                                    |       | Gravel content                     | 0.14  |
| Berks, channery silt loam | 25               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                           |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|                           |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|                           |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| 48B:                      |                  |                                    |       |                                    |       |                                    |       |
| Sugarhol, silt loam       | 85               | Very limited                       |       | Not limited                        |       | Very limited                       |       |
|                           |                  | Too clayey                         | 1.00  |                                    |       | Too clayey                         | 1.00  |
| Purdy                     | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| 48C:                      |                  |                                    |       |                                    |       |                                    |       |
| Sugarhol, silt loam       | 85               | Very limited                       |       | Somewhat limited                   |       | Very limited                       |       |
|                           |                  | Too clayey                         | 1.00  | Slope                              | 0.63  | Too clayey                         | 1.00  |
|                           |                  | Slope                              | 0.63  |                                    |       | Slope                              | 0.63  |
| Purdy                     | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| 49:                       |                  |                                    |       |                                    |       |                                    |       |
| Udorthents                | 85               | Not rated                          |       | Very limited                       |       | Not rated                          |       |
|                           |                  |                                    |       | Slope                              | 1.00  |                                    |       |
| Rock outcrop              | 15               | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| 50:                       |                  |                                    |       |                                    |       |                                    |       |
| Urban land                | 50               | Not rated                          |       | Not rated                          |       | Not rated                          |       |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name                       | Pct. of map unit | Trench sanitary landfill                             |                      | Area sanitary landfill                               |                      | Daily cover for landfill                                    |                      |
|--|------------------|--|----------------------|--|----------------------|---|----------------------|
|  |                  | Rating class and limiting features                   | Value                | Rating class and limiting features                   | Value                | Rating class and limiting features                          | Value                |
| 50:  |                  |  |                      |  |                      |   |                      |
| Udorthents                                     | 40               | Not rated  |                      | Somewhat limited<br>Slope                            | 0.04                 | Not rated   |                      |
| 51E:   |                  |  |                      |  |                      |   |                      |
| Watahala, very gravelly sandy loam, very rocky | 45               | Very limited<br>Slope<br>Too clayey                  | 1.00<br>1.00         | Very limited<br>Slope<br>Seepage                     | 1.00<br>1.00         | Very limited<br>Slope<br>Too clayey<br>Hard to compact      | 1.00<br>1.00<br>1.00 |
| Frederick, gravelly silt loam, very rocky      | 35               | Very limited<br>Slope<br>Too clayey                  | 1.00<br>1.00         | Very limited<br>Slope                                | 1.00                 | Very limited<br>Slope<br>Too clayey<br>Hard to compact      | 1.00<br>1.00<br>1.00 |
| 52D:   |                  |  |                      |  |                      |   |                      |
| Weikert, channery silt loam                    | 35               | Very limited<br>Slope<br>Depth to bedrock<br>Seepage | 1.00<br>1.00<br>1.00 | Very limited<br>Slope<br>Depth to bedrock            | 1.00<br>1.00         | Very limited<br>Depth to bedrock<br>Slope<br>Gravel content | 1.00<br>1.00<br>1.00 |
| Berks, channery silt loam                      | 34               | Very limited<br>Slope<br>Depth to bedrock<br>Seepage | 1.00<br>1.00<br>1.00 | Very limited<br>Slope<br>Depth to bedrock<br>Seepage | 1.00<br>1.00<br>1.00 | Very limited<br>Depth to bedrock<br>Slope<br>Gravel content | 1.00<br>1.00<br>1.00 |
| Rough, very channery silt loam                 | 10               | Very limited<br>Slope<br>Depth to bedrock<br>Seepage | 1.00<br>1.00<br>1.00 | Very limited<br>Slope<br>Depth to bedrock            | 1.00<br>1.00         | Very limited<br>Depth to bedrock<br>Slope<br>Gravel content | 1.00<br>1.00<br>1.00 |
| 52E:   |                  |  |                      |  |                      |   |                      |
| Weikert, channery silt loam                    | 40               | Very limited<br>Slope<br>Depth to bedrock<br>Seepage | 1.00<br>1.00<br>1.00 | Very limited<br>Slope<br>Depth to bedrock            | 1.00<br>1.00         | Very limited<br>Depth to bedrock<br>Slope<br>Gravel content | 1.00<br>1.00<br>1.00 |
| Berks, channery silt loam                      | 30               | Very limited<br>Slope<br>Depth to bedrock<br>Seepage | 1.00<br>1.00<br>1.00 | Very limited<br>Slope<br>Depth to bedrock<br>Seepage | 1.00<br>1.00<br>1.00 | Very limited<br>Depth to bedrock<br>Slope<br>Gravel content | 1.00<br>1.00<br>1.00 |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name                   | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|--|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|  |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>52E:</b>                                |                  |                                    |       |                                    |       |                                    |       |
| Rough, very channery silt loam             | 15               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| <b>52F:</b>                                |                  |                                    |       |                                    |       |                                    |       |
| Weikert, channery silt loam, very stony    | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| Berks, channery silt loam, very stony      | 30               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  | Seepage                            | 1.00  | Gravel content                     | 1.00  |
| Rough, very channery silt loam, very stony | 15               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| <b>53F:</b>                                |                  |                                    |       |                                    |       |                                    |       |
| Weikert, channery silt loam                | 65               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| Rough, very channery silt loam             | 25               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| <b>54F:</b>                                |                  |                                    |       |                                    |       |                                    |       |
| Weikert, channery silt loam                | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|  |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|  |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|  |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| Rock outcrop                               | 25               | Not rated                          |       | Not rated                          |       | Not rated                          |       |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name            | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|-------------------------------------|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|                                     |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| <b>54F:</b>                         |                  |                                    |       |                                    |       |                                    |       |
| Rough, very channery silt loam      | 20               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                     |                  | Slope                              | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|                                     |                  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|                                     |                  | Seepage                            | 1.00  |                                    |       | Gravel content                     | 1.00  |
| <b>55C:</b>                         |                  |                                    |       |                                    |       |                                    |       |
| Wharton, silt loam                  | 55               | Somewhat limited                   |       | Somewhat limited                   |       | Somewhat limited                   |       |
|                                     |                  | Depth to saturated zone            | 0.96  | Slope                              | 0.63  | Depth to saturated zone            | 0.68  |
|                                     |                  | Slope                              | 0.63  | Depth to saturated zone            | 0.44  | Slope                              | 0.63  |
|                                     |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| Blairton, silt loam                 | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                     |                  | Depth to saturated zone            | 1.00  | Depth to bedrock                   | 1.00  | Depth to bedrock                   | 1.00  |
|                                     |                  | Depth to bedrock                   | 1.00  | Depth to saturated zone            | 0.94  | Depth to saturated zone            | 0.96  |
|                                     |                  | Slope                              | 0.63  | Slope                              | 0.63  | Slope                              | 0.63  |
| <b>55D:</b>                         |                  |                                    |       |                                    |       |                                    |       |
| Wharton, silt loam                  | 55               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                     |                  | Slope                              | 1.00  | Slope                              | 1.00  | Slope                              | 1.00  |
|                                     |                  | Depth to saturated zone            | 0.96  | Depth to saturated zone            | 0.44  | Depth to saturated zone            | 0.68  |
|                                     |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| Blairton, silt loam                 | 40               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                     |                  | Depth to saturated zone            | 1.00  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  |
|                                     |                  | Slope                              | 1.00  | Depth to bedrock                   | 1.00  | Slope                              | 1.00  |
|                                     |                  | Depth to bedrock                   | 1.00  | Depth to saturated zone            | 0.94  | Depth to saturated zone            | 0.96  |
| <b>56A:</b>                         |                  |                                    |       |                                    |       |                                    |       |
| Wolfgap, loam, occasionally flooded | 95               | Very limited                       |       | Very limited                       |       | Not limited                        |       |
|                                     |                  | Flooding                           | 1.00  | Flooding                           | 1.00  |                                    |       |
| <b>57A:</b>                         |                  |                                    |       |                                    |       |                                    |       |
| Wolfgap, loam, protected            | 95               | Not limited                        |       | Not limited                        |       | Not limited                        |       |
| <b>58B:</b>                         |                  |                                    |       |                                    |       |                                    |       |
| Zoar, silt loam                     | 85               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                                     |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  |
|                                     |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| Purdy                               | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |

## Landfills (ENG--6)

Alleghany County, Virginia

| Map symbol and soil name | Pct. of map unit | Trench sanitary landfill           |       | Area sanitary landfill             |       | Daily cover for landfill           |       |
|--------------------------|------------------|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|
|                          |                  | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| 59B:                     |                  |                                    |       |                                    |       |                                    |       |
| Soar, silt loam          | 45               | Very limited                       |       | Very limited                       |       | Very limited                       |       |
|                          |                  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  | Depth to saturated zone            | 1.00  |
|                          |                  | Too clayey                         | 0.50  |                                    |       | Too clayey                         | 0.50  |
| Urban land               | 40               | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| Purdy                    | 1                | Not rated                          |       | Not rated                          |       | Not rated                          |       |
| W:                       |                  |                                    |       |                                    |       |                                    |       |
| Water                    | 100              | Not rated                          |       | Not rated                          |       | Not rated                          |       |