

Table ENG-5. - Sanitary Facilities

Rockingham 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 column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:					
Allegheny	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
2B:					
Allegheny	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
3B:					
Allegheny	50	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
Monongahela	35	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Purdy	3	Not Rated		Not Rated	
Wet spots	2	Not Rated		Not Rated	
4A:					
Aquic Udifluvents	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Restricted permeability	0.50	Depth to saturated zone	1.00
5C2:					
Berks	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Slope	1.00
				Seepage	1.00
Weikert	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Depth to soft bedrock	1.00
				Slope	1.00

5D2:

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5D2:					
Berks	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Weikert	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Depth to cemented pan	1.00
Wet spots	3	Not Rated		Not Rated	
6C2:					
Berks	65	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Slope	1.00
				Seepage	1.00
Weikert	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Depth to soft bedrock	1.00
				Slope	1.00
Wet spots	3	Not Rated		Not Rated	
6D2:					
Berks	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Weikert	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00
				Slope	1.00
Wet spots	3	Not Rated		Not Rated	
7A:					
Buchanan	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Seepage	0.50
Purdy	5	Not Rated		Not Rated	

8B:

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8B:					
Buchanan	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.68
Purdy	5	Not Rated		Not Rated	
8C:					
Buchanan	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.37	Depth to saturated zone	1.00
Purdy	5	Not Rated		Not Rated	
9C:					
Buchanan	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.37	Depth to saturated zone	1.00
Purdy	5	Not Rated		Not Rated	
10A:					
Buckton	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	0.50	Seepage	1.00
Wet spots	3	Not Rated		Not Rated	
11B:					
Burketown	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Seepage	1.00
				Depth to saturated zone	1.00
Wet spots	3	Not Rated		Not Rated	
12B:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12B:					
Carbo	35	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Seepage	1.00
		Filtering capacity	1.00	Slope	0.68
Endcav	30	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
		Depth to bedrock	0.41	Depth to hard bedrock	0.02
Rock outcrop	25	Not Rated		Not Rated	
12C:					
Carbo	30	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Endcav	30	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to bedrock	0.41	Depth to hard bedrock	0.02
		Slope	0.37		
Rock outcrop	25	Not Rated		Not Rated	
13A:					
Chavies	70	Somewhat limited		Very limited	
		Flooding	0.40	Seepage	1.00
				Flooding	0.40
Wet spots	5	Not Rated		Not Rated	
14B2:					
Chilhowie	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Seepage	1.00
		Filtering capacity	1.00	Slope	0.68
Wet spots	3	Not Rated		Not Rated	
14C2:					
Chilhowie	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14C2:					
Wet spots	3	Not Rated		Not Rated	
14D2:					
Chilhowie	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Slope		Slope	1.00
		Depth to bedrock	1.00	Seepage	1.00
		Slope	1.00		
Wet spots	3	Not Rated		Not Rated	
15B2:					
Chilhowie	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Seepage	1.00
		Filtering capacity	1.00	Slope	0.68
15C2:					
Chilhowie	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Wet spots	3	Not Rated		Not Rated	
15D2:					
Chilhowie	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
Wet spots	3	Not Rated		Not Rated	
16E3:					
Chilhowie	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
Wet spots	3	Not Rated		Not Rated	
17B2:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17B2:					
Chilhowie	40	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Seepage	1.00
		Filtering capacity	1.00	Slope	0.68
Edom	40	Somewhat limited		Somewhat limited	
		Restricted permeability	0.73	Slope	0.68
				Seepage	0.27
17C2:					
Chilhowie	40	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Edom	40	Somewhat limited		Very limited	
		Restricted permeability	0.73	Slope	1.00
		Slope	0.37	Seepage	0.27
17D2:					
Chilhowie	50	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
Edom	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.73	Seepage	0.27
18B:					
Cotaco	75	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
Purdy	5	Not Rated		Not Rated	
19B:					
Cotaco	75	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19B:					
Purdy	5	Not Rated		Not Rated	
20B:					
Cotaco variant	75	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage Slope	0.50 0.32
Purdy	5	Not Rated		Not Rated	
21B:					
Craigsville	75	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Filtering capacity	1.00	Seepage	1.00
		Content of large stones	0.98	Content of large stones	1.00
Wet spots	5	Not Rated		Not Rated	
22F:					
Drall	65	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to bedrock	0.27		
23B2:					
Edom	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.73	Slope Seepage	0.68 0.27
Wet soils	3	Not Rated		Not Rated	
23C2:					
Edom	80	Somewhat limited		Very limited	
		Restricted permeability	0.73	Slope Seepage	1.00 0.27
		Slope	0.37		
Wet soils	3	Not Rated		Not Rated	
23D2:					
Edom	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.73	Seepage	0.27
Wet soils	3	Not Rated		Not Rated	
24B2:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24B2:					
Endcav	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
		Depth to bedrock	0.41	Depth to hard bedrock	0.02
Wet soils	3	Not Rated		Not Rated	
24C2:					
Endcav	80	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to bedrock	0.41	Depth to hard bedrock	0.02
		Slope	0.37		
Wet soils	3	Not Rated		Not Rated	
25B2:					
Endcav	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
		Depth to bedrock	0.41	Depth to hard bedrock	0.02
Wet soils	3	Not Rated		Not Rated	
25C2:					
Endcav	80	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to bedrock	0.41	Depth to hard bedrock	0.02
		Slope	0.37		
Wet soils	3	Not Rated		Not Rated	
26C2:					
Fauquier	80	Somewhat limited		Very limited	
		Depth to bedrock	0.94	Slope	1.00
		Restricted permeability	0.50	Depth to soft bedrock	0.84
		Slope	0.37	Seepage	0.50
26D2:					
Fauquier	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.94	Depth to soft bedrock	0.84
		Restricted permeability	0.50	Seepage	0.50
27E:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
27E:					
Fauquier	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.94	Depth to soft bedrock	0.84
		Restricted permeability	0.50	Seepage	0.50
28A:					
Fluvaquents	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
Poorly drained soils	5	Not Rated		Not Rated	
29B2:					
Frederick	50	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Lodi	35	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
29C2:					
Frederick	45	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Lodi	35	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
29D2:					
Frederick	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Lodi	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
29E2:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
29E2:					
Frederick	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Lodi	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
30C3:					
Frederick	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Lodi	35	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
30D3:					
Frederick	50	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Lodi	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
31B2:					
Frederick	50	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Lodi	35	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
31C2:					
Frederick	45	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Lodi	35	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31D2:					
Frederick	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Lodi	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
31E2:					
Frederick	50	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Lodi	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
32C:					
Frederick	40	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Lodi	40	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
32D:					
Frederick	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Lodi	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
32E:					
Frederick	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
32E:					
Lodi	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
33B2:					
Frederick	50	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Lodi	35	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
33C2:					
Frederick	45	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Lodi	40	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
33D2:					
Frederick	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Lodi	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
33E2:					
Frederick	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Lodi	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
34C:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
34C:					
Frederick	35	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
Rock outcrop	35	Not Rated		Not Rated	
34E:					
Frederick	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Rock outcrop	35	Not Rated		Not Rated	
35B:					
Guernsey	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	0.68
				Seepage	0.27
Poorly drained soils	3	Not Rated		Not Rated	
36B:					
Hawksbill	75	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Content of large stones	1.00	Seepage	1.00
		Restricted permeability	0.50	Content of large stones	1.00
Wet spots	5	Not Rated		Not Rated	
37B:					
Hawksbill	75	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Content of large stones	1.00	Seepage	1.00
		Restricted permeability	0.50	Content of large stones	1.00
Wet spots	5	Not Rated		Not Rated	
38C:					
Hawksbill	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Content of large stones	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
38C: Wet spots	5	Not Rated		Not Rated	
39B: Laidig	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to cemented pan	1.00	Seepage Depth to cemented pan	1.00 0.99
39C: Laidig	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to saturated zone	1.00
		Slope	0.37	Seepage	1.00
40B: Laidig	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to cemented pan	1.00	Seepage Depth to cemented pan	1.00 0.99
40C: Laidig	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to saturated zone	1.00
		Slope	0.37	Seepage	1.00
40D: Laidig	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to cemented pan	1.00	Seepage	1.00
40E: Laidig	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to cemented pan	1.00	Seepage	1.00
41C:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
41C:					
Laidig	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to saturated zone	1.00
		Slope	0.37	Seepage	1.00
41D:					
Laidig	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to cemented pan	1.00	Seepage	1.00
41E:					
Laidig	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to cemented pan	1.00	Seepage	1.00
42C:					
Laidig	50	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to saturated zone	1.00
		Slope	0.96	Seepage	1.00
Buchanan	40	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.96	Depth to saturated zone	1.00
43C:					
Lehew	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.16	Slope	1.00
Dekalb	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.16	Slope	1.00

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
43C:					
Calvin	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.16	Seepage	1.00
				Slope	1.00
43D:					
Lehew	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.16	Slope	1.00
Dekalb	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.16	Slope	1.00
Calvin	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.16	Seepage	1.00
				Slope	1.00
44E:					
Lehew	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Dekalb	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Calvin	20	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
44F:					
Lehew	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Dekalb	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
44F:					
Calvin	20	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
45A:					
Massanetta	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.50
Wet spots	5	Not Rated		Not Rated	
46A:					
Millrock	65	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Filtering capacity	1.00	Seepage	1.00
Wet spots	5	Not Rated		Not Rated	
47B:					
Monongahela	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Purdy	5	Not Rated		Not Rated	
47C2:					
Monongahela	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	0.50	Depth to saturated zone	1.00
Purdy	5	Not Rated		Not Rated	
48B:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
48B:					
Monongahela	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Purdy	5	Not Rated		Not Rated	
48C:					
Monongahela	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	0.50	Depth to saturated zone	1.00
Purdy	5	Not Rated		Not Rated	
49C:					
Myersville	80	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to bedrock	0.96	Depth to hard bedrock	0.88
		Slope	0.37	Seepage	0.50
49D:					
Myersville	80	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Depth to hard bedrock	0.88
		Depth to bedrock	0.96	Seepage	0.50
49F:					
Myersville	80	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Depth to hard bedrock	0.88
		Depth to bedrock	0.96	Seepage	0.50
50B:					
Nixa	40	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Slope	0.68
				Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
50B:					
Frederick	35	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Lodi	15	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Wet spots	3	Not Rated		Not Rated	
50C:					
Nixa	35	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Slope	0.37	Slope	1.00
				Seepage	0.50
Frederick	30	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Lodi	25	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Wet spots	3	Not Rated		Not Rated	
51:					
Pits	100	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
52:					
Pits	100	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
53:					
Pits and dumps	100	Not Rated		Not Rated	
54A:					
Purdy	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
Very poorly drained soils	5	Not Rated		Not Rated	

55C:

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
55C:					
Rock outcrop	40	Not Rated		Not Rated	
Carbo	35	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Seepage	1.00
		Filtering capacity	1.00	Slope	1.00
56C:					
Rock outcrop	45	Not Rated		Not Rated	
Frederick	30	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50
56D:					
Rock outcrop	50	Not Rated		Not Rated	
Frederick	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
57E:					
Rock outcrop	45	Not Rated		Not Rated	
Laidig	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to cemented pan	1.00	Seepage	1.00
58B2:					
Sequoia	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	1.00	Slope	0.68
Wet soils	3	Not Rated		Not Rated	
58C2:					
Sequoia	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37		
Wet soils	3	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
59B2:					
Sequoia	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	1.00	Slope	0.68
Berks	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Seepage	1.00
				Slope	0.68
Wet soils	3	Not Rated		Not Rated	
59C2:					
Sequoia	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37		
Berks	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Slope	1.00
				Seepage	1.00
59D2:					
Sequoia	60	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
Berks	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Wet soils	3	Not Rated		Not Rated	
60C:					
Sequoia	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37		
Berks	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Slope	1.00
				Seepage	1.00

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
60C: Wet soils	3	Not Rated		Not Rated	
60D: Sequoia	50	Very limited Depth to bedrock Slope Restricted permeability	1.00 1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
Berks	45	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Wet soils	3	Not Rated		Not Rated	
61B: Shelocta variant	80	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.92 0.50
Wet spots	3	Not Rated		Not Rated	
62C: Shelocta variant	75	Somewhat limited Restricted permeability Slope	0.50 0.16	Very limited Slope Seepage	1.00 0.50
Wet spots	3	Not Rated		Not Rated	
63B: Shenval	75	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
63C2: Shenval	75	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
63D2: Shenval	70	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
64C:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
64C:					
Sherando	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Content of large stones	0.54	Seepage	1.00
		Slope	0.37	Content of large stones	1.00
64D:					
Sherando, COBBLY	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Content of large stones	0.54	Content of large stones	1.00
65B2:					
Swimley	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Wet spots	3	Not Rated		Not Rated	
65C2:					
Swimley	75	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Wet spots	3	Not Rated		Not Rated	
66D:					
Sylco	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
66E:					
Sylco	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
67F:					
Sylco	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
68B:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
68B:					
Timberville variant	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	0.50	Seepage Slope	0.50 0.32
69A:					
Tioga	75	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.84	Flooding	0.40
		Flooding	0.40	Depth to saturated zone	0.17
70A:					
Typic Udorthents	80	Not limited		Very limited	
				Seepage	1.00
71B2:					
Unison	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope Seepage	0.68 0.50
71C2:					
Unison	80	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope Seepage	1.00 0.50
		Slope	0.37		
72B2:					
Unison	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope Seepage	0.68 0.50
72C2:					
Unison	80	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope Seepage	1.00 0.50
		Slope	0.37		
72D2:					
Unison	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
73:					
Urban land	100	Not Rated		Not Rated	
74E2:					

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
74E2:					
Weikert	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00
				Slope	1.00
Berks	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Wet spots	3	Not Rated		Not Rated	
74F2:					
Weikert	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00
				Slope	1.00
Berks	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
75E2:					
Weikert	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00
				Slope	1.00
Berks	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
75F2:					
Weikert	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00
				Slope	1.00
Berks	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Wet spots	3	Not Rated		Not Rated	

76A:

Table ENG-5. - Sanitary Facilities - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
76A:					
Wheeling	85	Very limited		Somewhat limited	
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50	Flooding	0.40
		Flooding	0.40		
W:					
Water	100	Not Rated		Not Rated	