

## Table ENG-6. - Sanitary Facilities

Goochland 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	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
2B:							
Appling	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
3A:							
Bolling	90	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Somewhat limited Too clayey Depth to saturated zone	0.50 0.47
3B:							
Bolling	90	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Somewhat limited Too clayey Depth to saturated zone	0.50 0.47
4B:							
Bourne	85	Very limited Depth to saturated zone Depth to thick cemented pan Seepage	1.00 1.00 1.00	Very limited Depth to cemented pan Depth to saturated zone	1.00 0.92	Very limited Depth to cemented pan Depth to saturated zone	1.00 0.95
5:							
Buncombe	95	Very limited Flooding Seepage Too Sandy	1.00 1.00 1.00	Very limited Flooding Seepage	1.00 1.00	Very limited Seepage Too Sandy	1.00 0.50
Frequently flooded areas	5	Not Rated		Not Rated		Not Rated	
6B2:							
Cecil	80	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
6C2:							
Cecil	80	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
7B:							

## Table ENG-6. - Sanitary Facilities - Continued

Goochland 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
7B:							
Colfax	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	0.50			Too clayey	0.50
Forestdale	5	Not Rated		Not Rated		Not Rated	
7C:							
Colfax	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	0.50	Slope	0.37	Too clayey	0.50
Forestdale	5	Not Rated		Not Rated		Not Rated	
8B:							
Creedmoor	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	1.00
8B2:							
Creedmoor	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	1.00
8C:							
Creedmoor	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00	Slope	0.37	Depth to saturated zone	1.00
		Slope	0.37			Slope	0.37
8C2:							
Creedmoor	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00	Slope	0.37	Depth to saturated zone	1.00
		Slope	0.37			Slope	0.37
9B:							
Enon	80	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			Too clayey	1.00
9C2:							

**Table ENG-6. - Sanitary Facilities - Continued**

Goochland 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
9C2:							
Enon	80	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			Slope	0.37
11B2:							
Fluvanna	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00				
Forestdale	3	Not Rated		Not Rated		Not Rated	
11C2:							
Fluvanna	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00	Slope	0.37	Slope	0.37
		Slope	0.37				
12:							
Forestdale	85	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	1.00
13A:							
Fork variant	85	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				
Roanoke	5	Not Rated		Not Rated		Not Rated	
14B2:							
Georgeville	80	Somewhat limited		Not limited		Somewhat limited	
		Too clayey	0.50			Too clayey	0.50
						Hard to compact	0.50
14C2:							
Georgeville	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Too clayey	0.50	Slope	0.37	Too clayey	0.50
		Slope	0.37			Hard to compact	0.50
						Slope	0.37
15B2:							
Hiwassee	80	Somewhat limited		Not limited		Somewhat limited	
		Too clayey	0.50			Hard to compact	0.50

16B2:

**Table ENG-6. - Sanitary Facilities - Continued**

Goochland 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>16B2:</b>							
Louisburg	85	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Seepage	1.00	Seepage	1.00
		Seepage	1.00	Depth to bedrock	0.61	Depth to bedrock	0.61
<b>16C2:</b>							
Louisburg	85	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Seepage	1.00	Seepage	1.00
		Seepage	1.00	Depth to bedrock	0.61	Depth to bedrock	0.61
		Slope	0.37	Slope	0.37	Slope	0.37
<b>16D2:</b>							
Louisburg	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to bedrock	1.00	Seepage	1.00	Seepage	1.00
		Seepage	1.00	Depth to bedrock	0.61	Depth to bedrock	0.61
<b>16E2:</b>							
Louisburg	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to bedrock	1.00	Seepage	1.00	Seepage	1.00
		Seepage	1.00	Depth to bedrock	0.61	Depth to bedrock	0.61
<b>17B2:</b>							
Madison	80	Not limited		Not limited		Somewhat limited	
						Too clayey	0.50
						Hard to compact	0.50
<b>17C2:</b>							
Madison	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Too clayey	0.50
						Hard to compact	0.50
						Slope	0.37
<b>17D2:</b>							
Madison	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
						Too clayey	0.50
						Hard to compact	0.50
<b>18B3:</b>							
Madison	85	Not limited		Not limited		Somewhat limited	
						Too clayey	0.50
						Hard to compact	0.50
<b>18C3:</b>							
Madison	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Too clayey	0.50
						Hard to compact	0.50
						Slope	0.37

**Table ENG-6. - Sanitary Facilities - Continued**

Goochland 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
18D3:							
Madison	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Too clayey Hard to compact	1.00 0.50 0.50
19E3:							
Madison	50	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Too clayey Hard to compact	1.00 0.50 0.50
Pacolet	20	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact Too clayey	1.00 0.50 0.50
Wedowee	10	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
21B:							
Masada	80	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
21C:							
Masada	80	Very limited Too clayey Slope	1.00 0.37	Somewhat limited Slope	0.37	Very limited Too clayey Slope	1.00 0.37
22B:							
Mayodan	85	Very limited Too clayey Seepage	1.00 1.00	Not limited		Very limited Too clayey	1.00
22C2:							
Mayodan	85	Very limited Too clayey Seepage Slope	1.00 1.00 0.37	Somewhat limited Slope	0.37	Very limited Too clayey Slope	1.00 0.37
23:							
Monacan	80	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
24:							

## Table ENG-6. - Sanitary Facilities - Continued

Goochland 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
24: Monacan	60	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
25B2: Nason	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
25C2: Nason	85	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Slope	0.50 0.37
25D2: Nason	85	Very limited Slope Too clayey	1.00 0.50	Very limited Slope	1.00	Very limited Slope Too clayey	1.00 0.50
26B: Orange	85	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
26C: Orange	85	Very limited Depth to saturated zone Too clayey Slope	1.00 1.00 0.37	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Too clayey Depth to saturated zone Slope	1.00 1.00 0.37
27B2: Pacolet	85	Not limited		Not limited		Somewhat limited Hard to compact Too clayey	0.50 0.50
27C2: Pacolet	80	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Hard to compact Too clayey Slope	0.50 0.50 0.37
27D2: Pacolet	80	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact Too clayey	1.00 0.50 0.50

**Table ENG-6. - Sanitary Facilities - Continued**

Goochland 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
28B3: Pacolet	80	Not limited		Not limited		Somewhat limited Hard to compact Too clayey	0.50 0.50
28C3: Pacolet	80	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Hard to compact Too clayey Slope	0.50 0.50 0.37
28D3: Pacolet	80	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact Too clayey	1.00 0.50 0.50
29A: Pamunkey	95	Very limited Flooding Seepage Too clayey	1.00 1.00 0.50	Very limited Flooding	1.00	Somewhat limited Too clayey	0.50
31C2: Pinkston	85	Very limited Depth to bedrock Seepage Slope	1.00 1.00 0.37	Very limited Depth to bedrock Seepage Slope	1.00 1.00 0.37	Very limited Depth to bedrock Seepage Slope	1.00 0.50 0.37
31E2: Pinkston	80	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
32D2: Pinkston	65	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Slope Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Mayodan	30	Very limited Slope Too clayey Seepage	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope Too clayey	1.00 1.00

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**Table ENG-6. - Sanitary Facilities - Continued**

Goochland 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>33:</b>							
Roanoke	80	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	1.00
		Too clayey	1.00				
Frequently flooded areas	5	Not Rated		Not Rated		Not Rated	
<b>34B:</b>							
Sedgefield	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	1.00
		Seepage	1.00				
Forestdale	5	Not Rated		Not Rated		Not Rated	
<b>34C:</b>							
Sedgefield	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00	Slope	0.04	Depth to saturated zone	1.00
		Seepage	1.00			Slope	0.04
Forestdale	5	Not Rated		Not Rated		Not Rated	
<b>35C2:</b>							
Talapoosa variant	85	Very limited		Very limited		Somewhat limited	
		Seepage	1.00	Seepage	1.00	Slope	0.37
		Slope	0.37	Slope	0.37	Seepage	0.21
<b>35D2:</b>							
Talapoosa variant	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Seepage	1.00	Seepage	1.00	Seepage	0.21
<b>35E2:</b>							
Talapoosa variant	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Seepage	1.00	Seepage	1.00	Seepage	0.21
<b>36B2:</b>							
Tatum	80	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			Too clayey	1.00
<b>36C2:</b>							

## Table ENG-6. - Sanitary Facilities - Continued

Goochland 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>36C2:</b>							
Tatum	80	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			Slope	0.37
<b>36D2:</b>							
Tatum	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>37:</b>							
Tuckahoe	85	Very limited		Very limited		Somewhat limited	
		Flooding	1.00	Flooding	1.00	Too clayey	0.50
		Seepage	1.00				
		Too clayey	0.50				
Wet spots	5	Not Rated		Not Rated		Not Rated	
<b>38B2:</b>							
Turbeville	80	Somewhat limited		Not limited		Somewhat limited	
		Too clayey	0.50			Hard to compact	0.50
<b>38C2:</b>							
Turbeville	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Too clayey	0.50	Slope	0.37	Hard to compact	0.50
		Slope	0.37			Slope	0.37
<b>39B3:</b>							
Turbeville	90	Somewhat limited		Not limited		Somewhat limited	
		Too clayey	0.50			Hard to compact	0.50
<b>39C3:</b>							
Turbeville	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Too clayey	0.50	Slope	0.37	Hard to compact	0.50
		Slope	0.37			Slope	0.37
<b>41:</b>							
Udorthents	85	Not Rated		Not Rated		Not Rated	
<b>42:</b>							
Udorthents	50	Not Rated		Not Rated		Not Rated	
Quarries	30	Not Rated		Not Rated		Not Rated	
<b>43B:</b>							
Vance	85	Very limited		Not limited		Very limited	
		Too clayey	1.00			Too clayey	1.00
		Seepage	1.00				

### Table ENG-6. - Sanitary Facilities - Continued

Goochland 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
43C2:							
Vance	80	Very limited Too clayey Seepage Slope	1.00 1.00 0.37	Somewhat limited Slope	0.37	Very limited Too clayey Slope	1.00 0.37
44B2:							
Wedowee	80	Not limited		Not limited		Somewhat limited Hard to compact	0.50
44C2:							
Wedowee	80	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Hard to compact Slope	0.50 0.37
44D2:							
Wedowee	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
45B3:							
Wedowee	85	Not limited		Not limited		Somewhat limited Hard to compact	0.50
45C3:							
Wedowee	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Hard to compact Slope	0.50 0.37
45D3:							
Wedowee	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
46:							
Wehadkee	80	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00 0.50
47B2:							
Wilkes	85	Very limited Depth to bedrock Too clayey	1.00 0.50	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00 0.50
47C2:							

## Table ENG-6. - Sanitary Facilities - Continued

Goochland 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
47C2:							
Wilkes	85	Very limited		Very limited		Very limited	
		Depth to bedrock	1.00	Depth to bedrock	1.00	Depth to bedrock	1.00
		Too clayey	0.50	Slope	0.37	Too clayey	0.50
		Slope	0.37			Slope	0.37
47D2:							
Wilkes	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
47E2:							
Wilkes	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
W:							
Water	100	Not Rated		Not Rated		Not Rated	