

Table ENG-5. - Sanitary Facilities

Charles City 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
1A:					
Altavista	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50		
Tomotley		Not Rated		Not Rated	
2A:					
Augusta	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Tomotley		Not Rated		Not Rated	
3A:					
Bethera	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Ponding	1.00
		Ponding	1.00		
4A:					
Bibb	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	0.50
5A:					
Bojac	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40		
5B:					
Bojac	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40	Slope	0.32
6B:					

Table ENG-5. - Sanitary Facilities - Continued

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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
6B:					
Caroline	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.39
		Depth to saturated zone	0.94	Slope	0.32
7B:					
Caroline	50	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.39
		Depth to saturated zone	0.94	Slope	0.32
Emporia	30	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage	0.32
				Slope	0.32
7C:					
Caroline	50	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
Emporia	30	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.92
				Seepage	0.32
8B:					
Catpoint	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40		
Nimmo		Not Rated		Not Rated	
9A:					
Chickahominy	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		

10A:

Table ENG-5. - Sanitary Facilities - Continued

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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
10A:					
Chickahominy	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		
11B:					
Conetoe	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
12B:					
Craven	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.32
13C3:					
Craven	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	1.00
				Seepage	1.00
14B:					
Craven	55	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.32
Caroline	25	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.39
		Depth to saturated zone	0.94	Slope	0.32
15C3:					
Craven	55	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	1.00
				Seepage	1.00
Caroline	25	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
16C:					

Table ENG-5. - Sanitary Facilities - Continued

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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
16C:					
Craven	50	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
Remlik	30	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40	Slope	1.00
17C:					
Craven	40	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
Uchee	40	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	0.94	Seepage	0.50
				Depth to saturated zone	0.39
18A:					
Dogue	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00		
18B:					
Dogue	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	0.32
18C:					
Dogue	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
19A:					
Dragston	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00

Table ENG-5. - Sanitary Facilities - Continued

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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
19A: Nimmo		Not Rated		Not Rated	
20B: Emporia	80	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Seepage Slope	0.92 0.32 0.32
21B: Emporia	80	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Seepage Slope	0.92 0.32 0.32
22B: Emporia	80	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Seepage Slope	0.92 0.32 0.32
23B: Emporia	50	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Seepage Slope	0.92 0.32 0.32
Kempsville	30	Somewhat limited Restricted permeability	0.50	Very limited Seepage Slope	1.00 0.32
24B: Izagora	80	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
25B: Kempsville	80	Somewhat limited Restricted permeability	0.50	Very limited Seepage Slope	1.00 0.32
26A:					

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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
26A:					
Lawnes	80	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Ponding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Content of organic matter	1.00
27B:					
Masada	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
28B3:					
Masada	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
29A:					
Mattan	80	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Ponding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
30A:					
Munden	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
Nimmo		Not Rated		Not Rated	
31A:					
Nahunta	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00		
WET SPOTS		Not Rated		Not Rated	
32B:					
Nansemond	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Seepage	1.00
WET SPOTS		Not Rated		Not Rated	
33A:					

Table ENG-5. - Sanitary Facilities - Continued

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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
33A:					
Nawney	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	0.50
34A:					
Nawney	80	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
35D:					
Nevarc	45	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slope	0.84	Seepage	1.00
Remlik	35	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.84	Seepage	1.00
		Depth to saturated zone	0.40		
35E:					
Nevarc	45	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slope	1.00	Seepage	1.00
Remlik	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40		
35F:					
Nevarc	45	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slope	1.00	Seepage	1.00

Table ENG-5. - Sanitary Facilities - Continued

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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
35F:					
Remlik	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40		
36A:					
Newflat	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
37A:					
Nimmo	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
WET SPOTS					
		Not Rated		Not Rated	
38A:					
Pamunkey	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
38B:					
Pamunkey	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
38C:					
Pamunkey	80	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
				Seepage	0.50
39A:					
Peawick	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
39B:					
Peawick	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.32

Table ENG-5. - Sanitary Facilities - Continued

Charles City 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
40A:					
Roanoke	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00		
41A:					
Seabrook	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
42B:					
Slagle	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00		
43B:					
Slagle	45	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	0.32
Emporia	35	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage	0.32
				Slope	0.32
44A:					
Tomotley	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.50
45B:					
Turbeville	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
46B:					
Uchee	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Seepage	0.50
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
				Slope	0.32

Table ENG-5. - Sanitary Facilities - Continued

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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
47B: Udorthents	80	Not Rated		Not Rated	
48B: Udorthents	80	Not Rated		Not Rated	
49A: Wickham	80	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
49B: Wickham	80	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
50B3: Wickham	80	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
51A: Yeopim	80	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone	1.00
51B: Yeopim	80	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.32
W: Water	100	Not Rated		Not Rated	