

## Table ENG-5. - Sanitary Facilities

Richmond 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
<b>1:</b>					
Atlee	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.50
Savannah	7	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated	
<b>2:</b>					
Bibb	45	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
Levy	35	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Rappahannock	5	Not Rated		Not Rated	
<b>3B:</b>					
Catpoint	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40	Slope	0.08
Rumford	8	Not Rated		Not Rated	
Nansemond	7	Not Rated		Not Rated	
<b>4B:</b>					
Dogue	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	1.00
				Slope	0.32
Savannah	5	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

Richmond 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
4B:					
Emporia	4	Not Rated		Not Rated	
Kempsville	3	Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated	
5B:					
Emporia	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage Slope	0.32
Kempsville	8	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Savannah	2	Not Rated		Not Rated	
6B:					
Kempsville	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage Slope	1.00
					0.32
Emporia	8	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Savannah	2	Not Rated		Not Rated	
7:					
Kempsville	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
Emporia	8	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Savannah	2	Not Rated		Not Rated	
8:					
Leaf	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.40
		Flooding	0.40		
Wahee	6	Not Rated		Not Rated	

## 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
8:					
Yemassee	5	Not Rated		Not Rated	
Tomotley	4	Not Rated		Not Rated	
9:					
Lumbee	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Flooding	0.40
Tomotley	5	Not Rated		Not Rated	
Tetotum	3	Not Rated		Not Rated	
Nansemond	2	Not Rated		Not Rated	
10:					
Nansemond	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
State	5	Not Rated		Not Rated	
Rumford	4	Not Rated		Not Rated	
Lumbee	3	Not Rated		Not Rated	
Tetotum	3	Not Rated		Not Rated	
11:					
Pamunkey	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
		Depth to saturated zone	0.40		
Rumford	7	Not Rated		Not Rated	
Moderately well drained soils	3	Not Rated		Not Rated	
12:					
Pits	90	Not Rated		Not Rated	
Fill material	6	Not Rated		Not Rated	
Water	4	Not Rated		Not Rated	

13:

## Table ENG-5. - Sanitary Facilities - Continued

Richmond 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
13:					
Rappahannock	70	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
Bibb	10	Not Rated		Not Rated	
Levy	10	Not Rated		Not Rated	
Tidal pool	10	Not Rated		Not Rated	
14B:					
Rumford	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	0.08
Catpoint	5	Not Rated		Not Rated	
Pamunkey	4	Not Rated		Not Rated	
Nansemond	3	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	
15E:					
Rumford	65	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Slope	1.00	Slope	1.00
Suffolk	10	Not Rated		Not Rated	
Emporia	9	Not Rated		Not Rated	
Kempsville	9	Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated	
Levy	2	Not Rated		Not Rated	
seeps	2	Not Rated		Not Rated	
16D:					
Rumford	45	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.37	Slope	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
16D:					
Tetotum	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
Suffolk	7	Not Rated		Not Rated	
Emporia	6	Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated	
Levy	2	Not Rated		Not Rated	
seeps	2	Not Rated		Not Rated	
17A:					
Savannah	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
Kempsville	10	Not Rated		Not Rated	
Suffolk	9	Not Rated		Not Rated	
Emporia	6	Not Rated		Not Rated	
17B:					
Savannah	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
Kempsville	10	Not Rated		Not Rated	
Suffolk	9	Not Rated		Not Rated	
Emporia	6	Not Rated		Not Rated	
18A:					

## 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
18A:					
State	70	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
		Depth to saturated zone	0.40		
Rumford	12	Not Rated		Not Rated	
Suffolk	10	Not Rated		Not Rated	
Tetotum	8	Not Rated		Not Rated	
18B:					
State	70	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
		Depth to saturated zone	0.40		
Rumford	12	Not Rated		Not Rated	
Suffolk	10	Not Rated		Not Rated	
Tetotum	8	Not Rated		Not Rated	
19A:					
Suffolk	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Emporia	5	Not Rated		Not Rated	
Savannah	4	Not Rated		Not Rated	
State	4	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
19B:					
Suffolk	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
Emporia	8	Not Rated		Not Rated	
Savannah	7	Not Rated		Not Rated	

20A:

## 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
20A:					
Tetotum	85	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		
Nansemond	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
Yemassee	5	Not Rated		Not Rated	
20B:					
Tetotum	90	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	Slope	0.32
State	4	Not Rated		Not Rated	
Yemassee	3	Not Rated		Not Rated	
Nansemond	2	Not Rated		Not Rated	
Rumford	1	Not Rated		Not Rated	
21:					
Tomotley	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		
Tetotum	7	Not Rated		Not Rated	
Yemassee	7	Not Rated		Not Rated	
Nansemond	4	Not Rated		Not Rated	
Leaf	2	Not Rated		Not Rated	
22:					
Wahee	90	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	0.18

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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
22:					
Leaf	4	Not Rated		Not Rated	
Tetotum	3	Not Rated		Not Rated	
Yemassee	3	Not Rated		Not Rated	
23:					
Yemassee	90	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		
Leaf	2	Not Rated		Not Rated	
Nansemond	2	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated	
Wahee	2	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	