

## Table ENG-5. - Sanitary Facilities

Surry 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:					
Ackwater	80	Very limited Restricted permeability Depth to saturated zone	1.00  1.00	Somewhat limited Depth to saturated zone	<0.01
Craven	4	Not Rated		Not Rated	
Caroline	3	Not Rated		Not Rated	
Newflat	3	Not Rated		Not Rated	
Chickahominy	2	Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated	
1B:					
Ackwater	80	Very limited Restricted permeability Depth to saturated zone	1.00  1.00	Somewhat limited Slope Depth to saturated zone	0.32  <0.01
Caroline	5	Not Rated		Not Rated	
Craven	5	Not Rated		Not Rated	
Chickahominy	3	Not Rated		Not Rated	
Newflat	3	Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated	
2A:					
Bibb	80	Very limited Flooding Depth to saturated zone Restricted permeability	1.00  1.00  0.50	Very limited Flooding Depth to saturated zone Seepage	1.00  1.00  0.50
Kinston	8	Not Rated		Not Rated	
Nawney	3	Not Rated		Not Rated	
Rains	2	Not Rated		Not Rated	
Bohicket	1	Not Rated		Not Rated	

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

Surry 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
<b>2A:</b>					
Lawnes	1	Not Rated		Not Rated	
Levy	1	Not Rated		Not Rated	
<b>3A:</b>					
Bohicket	80	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Restricted permeability	1.00	Flooding	1.00
		Ponding	1.00	Depth to saturated zone	1.00
Nawney	8	Not Rated		Not Rated	
Bibb	5	Not Rated		Not Rated	
Kinston	5	Not Rated		Not Rated	
Levy	2	Not Rated		Not Rated	
<b>4A:</b>					
Bolling	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Nahunta	6	Not Rated		Not Rated	
Dogue	3	Not Rated		Not Rated	
Tetotum	3	Not Rated		Not Rated	
Pamunkey	1	Not Rated		Not Rated	
<b>5B:</b>					
Burrowsville	80	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
				Slope	0.32
Slagle	8	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
<b>6B:</b>					
Caroline	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

Surry 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
6B:					
Craven	6	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	
7A:					
Chickahominy	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Newflat	8	Not Rated		Not Rated	
Ackwater	3	Not Rated		Not Rated	
8B:					
Chipley	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Lakeland	7	Not Rated		Not Rated	
Nansemond	4	Not Rated		Not Rated	
9A:					
Chipley	50	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Leon	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Lakeland	7	Not Rated		Not Rated	
Nansemond	4	Not Rated		Not Rated	
9B:					
Chipley	50	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
				Slope	0.32

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

Surry 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
9B:					
Leon	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
				Slope	0.32
Lakeland	7	Not Rated		Not Rated	
Nansemond	4	Not Rated		Not Rated	
10A:					
Craven	80	Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	<0.01
		Restricted permeability	1.00		
Slagle	7	Not Rated		Not Rated	
Caroline	5	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
10B:					
Craven	80	Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Slope	0.32
		Restricted permeability	1.00	Depth to saturated zone	<0.01
Slagle	7	Not Rated		Not Rated	
Caroline	5	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
10C:					
Craven	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	1.00	Depth to saturated zone	<0.01
Slagle	7	Not Rated		Not Rated	
Caroline	5	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
11B3:					

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

Surry 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
<b>11B3:</b>					
Craven	80	Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Slope	0.32
		Restricted permeability	1.00	Depth to saturated zone	<0.01
Slagle	7	Not Rated		Not Rated	
Caroline	5	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
<b>11C3:</b>					
Craven	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	1.00	Depth to saturated zone	<0.01
Caroline	4	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated	
<b>12B:</b>					
Craven	50	Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Slope	0.32
		Restricted permeability	1.00	Depth to saturated zone	<0.01
Slagle	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.50
				Slope	0.32
Jedburg	7	Not Rated		Not Rated	
Caroline	5	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
<b>13B:</b>					
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

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

Surry 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
13B:					
Tetotum	8	Not Rated		Not Rated	
Newflat	4	Not Rated		Not Rated	
Ackwater	3	Not Rated		Not Rated	
Pamunkey	2	Not Rated		Not Rated	
14A:					
Emporia	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.32
Kempsville	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	
Caroline	2	Not Rated		Not Rated	
14B:					
Emporia	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.32
				Slope	0.32
Kempsville	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
Caroline	2	Not Rated		Not Rated	
Jedburg	1	Not Rated		Not Rated	
15B:					
Emporia	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Restricted permeability	0.68	Depth to saturated zone	1.00
				Slope	0.32
Kempsville	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	

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

Surry 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
15B:					
Burrowsville	4	Not Rated		Not Rated	
Caroline	2	Not Rated		Not Rated	
16A:					
Exum	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00		
Montross	6	Not Rated		Not Rated	
Jedburg	4	Not Rated		Not Rated	
Craven	2	Not Rated		Not Rated	
17A:					
Jedburg	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00		
Rains	6	Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated	
Montross	2	Not Rated		Not Rated	
18B:					
Kempsville	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage Slope	0.50 0.32
Emporia	5	Not Rated		Not Rated	
Uchee	4	Not Rated		Not Rated	
Burrowsville	3	Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated	
19B:					
Kenansville	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage Slope	1.00 0.32
Kempsville	5	Not Rated		Not Rated	
Uchee	4	Not Rated		Not Rated	

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

Surry 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:					
Emporia	3	Not Rated		Not Rated	
20A:					
Kinston	75	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Bibb	8	Not Rated		Not Rated	
Nawney	4	Not Rated		Not Rated	
Rains	3	Not Rated		Not Rated	
Bohicket	2	Not Rated		Not Rated	
Lawnes	2	Not Rated		Not Rated	
Levy	2	Not Rated		Not Rated	
21B:					
Lakeland	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	0.32
Chiplew	8	Not Rated		Not Rated	
Kenansville	5	Not Rated		Not Rated	
Nansemond	3	Not Rated		Not Rated	
22A:					
Lawnes	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
Nawney	8	Not Rated		Not Rated	
Bibb	4	Not Rated		Not Rated	
Kinston	4	Not Rated		Not Rated	
23A:					
Levy	80	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Restricted permeability	1.00	Flooding	1.00
		Ponding	1.00	Depth to saturated zone	1.00

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

Surry 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
<b>23A:</b>					
Nawney	8	Not Rated		Not Rated	
Bibb	4	Not Rated		Not Rated	
Kinston	4	Not Rated		Not Rated	
<b>24A:</b>					
Montross	85	Very limited Depth to saturated zone	1.00	Somewhat limited Seepage	0.50
		Restricted permeability	1.00		
Exum	6	Not Rated		Not Rated	
Jedburg	3	Not Rated		Not Rated	
Ackwater	2	Not Rated		Not Rated	
<b>24B:</b>					
Montross	85	Very limited Depth to saturated zone	1.00	Somewhat limited Seepage	0.50
		Restricted permeability	1.00	Slope	0.32
Exum	6	Not Rated		Not Rated	
Jedburg	3	Not Rated		Not Rated	
Ackwater	2	Not Rated		Not Rated	
<b>25A:</b>					
Nahunta	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	1.00		
Bolling	8	Not Rated		Not Rated	
Tetotum	6	Not Rated		Not Rated	
<b>26B:</b>					
Nansemond	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
				Seepage	1.00
Jedburg	4	Not Rated		Not Rated	

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

Surry 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
26B:					
Slagle	4	Not Rated		Not Rated	
Chipley	3	Not Rated		Not Rated	
27A:					
Nawney	85	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	4	Not Rated		Not Rated	
Kinston	4	Not Rated		Not Rated	
Bohicket	2	Not Rated		Not Rated	
Lawnes	2	Not Rated		Not Rated	
Levy	2	Not Rated		Not Rated	
28B:					
Nevarc	35	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
		Slope		Slope	0.32
		Depth to saturated zone	1.00	Depth to saturated zone	<0.01
Remlik	35	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.71
				Slope	0.32
Emporia	8	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Caroline	4	Not Rated		Not Rated	
28C:					
Nevarc	35	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Seepage	1.00
				Depth to saturated zone	<0.01

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

Surry 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
<b>28C:</b>					
Remlik	35	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	1.00	Slope	1.00
				Depth to saturated zone	0.71
Emporia	8	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Caroline	4	Not Rated		Not Rated	
<b>28D:</b>					
Nevarc	40	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Slope	0.84	Depth to saturated zone	<0.01
Remlik	35	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Slope	0.84	Depth to saturated zone	0.71
Emporia	10	Not Rated		Not Rated	
Ackwater	5	Not Rated		Not Rated	
<b>28E:</b>					
Nevarc	40	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Slope	1.00	Depth to saturated zone	<0.01
Remlik	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.71
Emporia	10	Not Rated		Not Rated	
Ackwater	5	Not Rated		Not Rated	
<b>28F:</b>					

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

Surry 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
<b>28F:</b>					
Nevarc	40	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Slope	1.00	Depth to saturated zone	<0.01
Remlik	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.71
Emporia	10	Not Rated		Not Rated	
Ackwater	5	Not Rated		Not Rated	
<b>29A:</b>					
Newflat	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Chickahominy	8	Not Rated		Not Rated	
Ackwater	4	Not Rated		Not Rated	
<b>30A:</b>					
Pamunkey	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
Bolling	5	Not Rated		Not Rated	
Tetotum	4	Not Rated		Not Rated	
Nahunta	2	Not Rated		Not Rated	
<b>30B:</b>					
Pamunkey	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
Kemspville	5	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Dogue	3	Not Rated		Not Rated	

31A:

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

Surry 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
<b>31A:</b>					
Rains	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Jedburg	10	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
<b>32B:</b>					
Rumford	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage Slope	1.00 0.32
Kenansville	8	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Kempsville	4	Not Rated		Not Rated	
<b>33A:</b>					
Slagle	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.50
Burrowsville	4	Not Rated		Not Rated	
Craven	4	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Jedburg	3	Not Rated		Not Rated	
Rains	2	Not Rated		Not Rated	
<b>33B:</b>					
Slagle	80	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
Emporia	5	Not Rated		Not Rated	
Burrowsville	4	Not Rated		Not Rated	
Craven	4	Not Rated		Not Rated	

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

Surry 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
<b>33B:</b>					
Jedburg	2	Not Rated		Not Rated	
Rains	1	Not Rated		Not Rated	
<b>34B:</b>					
Tetotum	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		
Dogue	7	Not Rated		Not Rated	
Pamunkey	5	Not Rated		Not Rated	
Nahunta	3	Not Rated		Not Rated	
<b>35B:</b>					
Uchee	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.32
Emporia	4	Not Rated		Not Rated	
Kempsville	3	Not Rated		Not Rated	
Kenansville	3	Not Rated		Not Rated	
Burrowsville	2	Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated	
<b>36B:</b>					
Udorthents	90	Not Rated		Not Rated	
Undisturbed soils	5	Not Rated		Not Rated	
<b>37:</b>					
Urban land	90	Not Rated		Not Rated	
Undisturbed soils	5	Not Rated		Not Rated	
<b>M-W:</b>					
Water	100	Not Rated		Not Rated	
<b>W:</b>					
Water	100	Not Rated		Not Rated	