

## Table ENG-5. - Sanitary Facilities

Essex 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>1A:</b>					
Atlee	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.50
Emporia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
<b>2A:</b>					
Augusta	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		
Munden		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated	
Tomotley		Not Rated		Not Rated	
<b>3A:</b>					
Bibb	85	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
Catpoint		Not Rated		Not Rated	
Rappahanock		Not Rated		Not Rated	
<b>4A:</b>					
Bojac	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40		
Munden		Not Rated		Not Rated	
State		Not Rated		Not Rated	

5A:

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

Essex 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
5A:					
Bolling	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Molena		Not Rated		Not Rated	
Pamunkey		Not Rated		Not Rated	
6B:					
Catpoint	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40	Slope	0.08
Munden		Not Rated		Not Rated	
Tetotum		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		
Ponded soils		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated	
Tomotley		Not Rated		Not Rated	
8A:					
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
Chickahominy		Not Rated		Not Rated	
Newflat		Not Rated		Not Rated	
State		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated	

9A:

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

Essex 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
9A:					
Emporia	90	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage	0.32
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
9B:					
Emporia	90	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
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
9C:					
Emporia	80	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
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
10A:					
Kempsville	80	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
Emporia		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
10B:					
Kempsville	80	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.32
Emporia		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	

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

Essex 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
10B: Suffolk		Not Rated		Not Rated	
10C: Kempsville	95	Somewhat limited Restricted permeability	0.50	Very limited Seepage Slope	1.00 1.00
Emporia		Not Rated		Not Rated	
11A: Levy	95	Very limited Flooding Restricted permeability Ponding	1.00 1.00 1.00	Very limited Ponding Flooding Content of organic matter	1.00 1.00 1.00
Rappahannock		Not Rated		Not Rated	
12A: Molena	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Munden		Not Rated		Not Rated	
Pamunkey		Not Rated		Not Rated	
12B: Molena	85	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.32
Munden		Not Rated		Not Rated	
Pamunkey		Not Rated		Not Rated	
13A: Munden	80	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00
Bojac		Not Rated		Not Rated	
State		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated	
14A:					

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

Essex 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>14A:</b>					
Newflat	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Chickahominy		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated	
<b>15A:</b>					
Pamunkey	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
		Depth to saturated zone	0.40		
Bolling		Not Rated		Not Rated	
Molena		Not Rated		Not Rated	
<b>16:</b>					
Pits	100	Not Rated		Not Rated	
<b>17A:</b>					
Rappahannock	70	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
<b>18B:</b>					
Rumford	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	0.08
Kempsville		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
<b>19E:</b>					
Rumford	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	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
19E:					
Emporia	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage	0.32
Bibb		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Slagle		Not Rated		Not Rated	
20D:					
Rumford	45	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.37	Slope	1.00
Slagle	25	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
Bibb		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated	
21B:					
Slagle	80	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
Atlee		Not Rated		Not Rated	
Emporia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
21C:					

## 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
21C:					
Slagle	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	1.00
				Seepage	1.00
Emporia		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated	
22A:					
State	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
		Depth to saturated zone	0.40		
Bojac		Not Rated		Not Rated	
State		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated	
22B:					
State	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
		Depth to saturated zone	0.40		
Bojac		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated	
23A:					
Suffolk	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Kempsville		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated	
23B:					
Suffolk	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32

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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
23B:					
Kempsville		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated	
24A:					
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		
Munden		Not Rated		Not Rated	
State		Not Rated		Not Rated	
Tomotley		Not Rated		Not Rated	
24B:					
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	Slope	0.32
Munden		Not Rated		Not Rated	
State		Not Rated		Not Rated	
Tomotley		Not Rated		Not Rated	
25A:					
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	0.68		
Augusta		Not Rated		Not Rated	
Chickahominy		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	