

Table ENG-5. - Sanitary Facilities

Middlesex 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
1:					
Ackwater	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Slagle	6	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Bethera	3	Not Rated		Not Rated	
Daleville	2	Not Rated		Not Rated	
2B:					
Bama	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
Emporia	8	Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated	
3:					
Bethera	40	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	Seepage	0.18
Daleville	35	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00		
Ackwater	5	Not Rated		Not Rated	
Craven	5	Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated	
Myatt	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	

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Table ENG-5. - Sanitary Facilities - Continued

Middlesex 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
4:					
Catpoint	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40		
Pactolus	5	Not Rated		Not Rated	
Kenansville	4	Not Rated		Not Rated	
Rumford	4	Not Rated		Not Rated	
Nansemond	2	Not Rated		Not Rated	
5A:					
Craven	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
Slagle	10	Not Rated		Not Rated	
Bethera	3	Not Rated		Not Rated	
Daleville	2	Not Rated		Not Rated	
5B:					
Craven	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
				Slope	0.32
Slagle	10	Not Rated		Not Rated	
Bethera	3	Not Rated		Not Rated	
Daleville	2	Not Rated		Not Rated	
6A:					
Emporia	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to saturated zone	0.92
		Depth to saturated zone	1.00	Seepage	0.32
Slagle	7	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Middlesex 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:					
Emporia	75	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	10	Not Rated		Not Rated	
Slagle	8	Not Rated		Not Rated	
Bama	7	Not Rated		Not Rated	
7D:					
Emporia	50	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.92
		Slope	0.37	Seepage	0.32
Nevarc	30	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
Ackwater	5	Not Rated		Not Rated	
Bama	5	Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
7F:					
Emporia	50	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
Nevarc	30	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
Ackwater	5	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Middlesex 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
7F:					
Bama	5	Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
8:					
Eunola	80	Very limited Depth to saturated zone Filtering capacity Restricted permeability	1.00 1.00 0.50	Very limited Seepage Depth to saturated zone	1.00 1.00
Nansemond	8	Not Rated		Not Rated	
Kenansville	7	Not Rated		Not Rated	
Myatt	3	Not Rated		Not Rated	
Pactolus	2	Not Rated		Not Rated	
9A:					
Kempsville	85	Somewhat limited Restricted permeability	0.50	Very limited Seepage	1.00
Emporia	8	Not Rated		Not Rated	
Suffolk	7	Not Rated		Not Rated	
9B:					
Kempsville	80	Somewhat limited Restricted permeability	0.50	Very limited Seepage Slope	1.00 0.32
Emporia	8	Not Rated		Not Rated	
Suffolk	7	Not Rated		Not Rated	
Bama	5	Not Rated		Not Rated	
10:					
Kenansville	85	Very limited Filtering capacity Depth to saturated zone	1.00 0.40	Very limited Seepage	1.00
Kempsville	4	Not Rated		Not Rated	
Suffolk	4	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Middlesex 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
10:					
Emporia	3	Not Rated		Not Rated	
Eunola	2	Not Rated		Not Rated	
Nansemond	2	Not Rated		Not Rated	
11:					
Kinston	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
Bibb	35	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	1.00
Ochlockonee	10	Not Rated		Not Rated	
Pocaty	10	Not Rated		Not Rated	
12:					
Lumbee	85	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
Eunola	10	Not Rated		Not Rated	
Myatt	5	Not Rated		Not Rated	
13:					
Myatt	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	0.32
Nansemond	7	Not Rated		Not Rated	
Eunola	6	Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Middlesex 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: Pactolus	2	Not Rated		Not Rated	
14: Nansemond	85	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
Ackwater	5	Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated	
Myatt	5	Not Rated		Not Rated	
15: Ochlockonee	75	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
Pactolus	8	Not Rated		Not Rated	
Bibb	5	Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated	
Kenansville	4	Not Rated		Not Rated	
Kinston	4	Not Rated		Not Rated	
16: Pactolus	80	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
Catpoint	5	Not Rated		Not Rated	
Kenansville	4	Not Rated		Not Rated	
Myatt	3	Not Rated		Not Rated	
Nansemond	3	Not Rated		Not Rated	
Rumford	3	Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated	

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Table ENG-5. - Sanitary Facilities - Continued

Middlesex 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
17:					
Pocaty	90	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	5	Not Rated		Not Rated	
Kinston	5	Not Rated		Not Rated	
18A:					
Rumford	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
Kenansville	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Catpoint	4	Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated	
Nansemond	3	Not Rated		Not Rated	
18B:					
Rumford	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	0.32
Catpoint	5	Not Rated		Not Rated	
Kenansville	5	Not Rated		Not Rated	
Suffolk	4	Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated	
Pactolus	3	Not Rated		Not Rated	
19A:					
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
Emporia	10	Not Rated		Not Rated	
Eunola	10	Not Rated		Not Rated	
19B:					

Table ENG-5. - Sanitary Facilities - Continued

Middlesex 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:					
Slagle	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage Slope	1.00 0.32
Emporia	10	Not Rated		Not Rated	
Eunola	10	Not Rated		Not Rated	
20A:					
Suffolk	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Rumford	7	Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated	
20B:					
Suffolk	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
Rumford	10	Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated	
21D:					
Suffolk	45	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37		
Remlik	35	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40	Slope	1.00
		Slope	0.37		
Craven	5	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Middlesex 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
21D:					
Ochlockonee	5	Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated	
21F:					
Suffolk	45	Very limited Slope	1.00	Very limited Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Remlik	35	Very limited Slope	1.00	Very limited Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40		
Craven	5	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Ochlockonee	5	Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated	
22B:					
Udorthents	50	Not Rated		Not Rated	
Psamments	40	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.92
W:					
Water	100	Not Rated		Not Rated	