

Table ENG-6. - Sanitary Facilities

Prince George 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	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:							
Ackwater	90	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
Aycock	5	Not Rated		Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated		Not Rated	
1B:							
Ackwater	90	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
Aycock	5	Not Rated		Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated		Not Rated	
1C:							
Ackwater	90	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
Aycock	5	Not Rated		Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated		Not Rated	
2C3:							
Ackwater	90	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
Aycock	5	Not Rated		Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated		Not Rated	
2D3:							
Ackwater	80	Very limited Depth to saturated zone Too clayey Slope	1.00 1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Too clayey Slope Depth to saturated zone	1.00 1.00 1.00
Aycock	10	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
2D3:							
Montross	10	Not Rated		Not Rated		Not Rated	
3:							
Argent	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	1.00			Too clayey	1.00
Bolling	5	Not Rated		Not Rated		Not Rated	
Muckalee	5	Not Rated		Not Rated		Not Rated	
4A:							
Aycock	85	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				
Ackwater	3	Not Rated		Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated		Not Rated	
Montross	3	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
4B:							
Aycock	85	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				
Ackwater	4	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Montross	4	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
5:							
Bojac	85	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	0.50
		Seepage	1.00	Seepage	1.00		
Pamunkey	8	Not Rated		Not Rated		Not Rated	
Bolling	7	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6:							
Bolling	90	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Too clayey	0.86 0.50
Argent	5	Not Rated		Not Rated		Not Rated	
Pamunkey	5	Not Rated		Not Rated		Not Rated	
7B:							
Bonneau	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Not limited	
Burrowsville	4	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Norfolk	4	Not Rated		Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated		Not Rated	
7C:							
Bonneau	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Not limited	
Emporia	8	Not Rated		Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated		Not Rated	
8A:							
Burrowsville	80	Very limited Depth to saturated zone Depth to thin cemented pan	1.00 0.50	Very limited Depth to cemented pan Seepage Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to cemented pan Depth to saturated zone Seepage	1.00 1.00 0.50
Bonneau	7	Not Rated		Not Rated		Not Rated	
Emporia	7	Not Rated		Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated		Not Rated	
8B:							

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8B:							
Burrowsville	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thin cemented pan	0.50	Seepage	1.00	Depth to saturated zone	1.00
				Depth to saturated zone	1.00	Seepage	0.50
Bonneau	7	Not Rated		Not Rated		Not Rated	
Emporia	7	Not Rated		Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated		Not Rated	
9:							
Catpoint	95	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too Sandy	1.00
		Seepage	1.00	Seepage	1.00	Seepage	1.00
		Too Sandy	1.00				
Muckalee	5	Not Rated		Not Rated		Not Rated	
10:							
Chickahominy	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too clayey	1.00			Too clayey	1.00
Newflat	8	Not Rated		Not Rated		Not Rated	
Peawick	7	Not Rated		Not Rated		Not Rated	
11B:							
Emporia	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	0.98	Too clayey	0.50
		Too clayey	0.50				
Bonneau	5	Not Rated		Not Rated		Not Rated	
Burrowsville	5	Not Rated		Not Rated		Not Rated	
Norfolk	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	
11C:							
Emporia	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	0.98	Too clayey	0.50
		Too clayey	0.50				

Table ENG-6. - Sanitary Facilities - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11C:							
Ackwater	7	Not Rated		Not Rated		Not Rated	
Bonneau	7	Not Rated		Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated		Not Rated	
12F:							
Emporia	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	0.98	Too clayey	0.50
		Too clayey	0.50				
Kinston	7	Not Rated		Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated		Not Rated	
Lynchburg	6	Not Rated		Not Rated		Not Rated	
13D:							
Emporia	45	Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	0.98	Too clayey	0.50
		Too clayey	0.50	Slope	0.37	Slope	0.37
		Slope	0.37				
Slagle	35	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slope	0.37	Slope	0.37	Slope	0.37
Kinston	10	Not Rated		Not Rated		Not Rated	
Lynchburg	10	Not Rated		Not Rated		Not Rated	
14:							
Kinston	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
Emporia	8	Not Rated		Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated		Not Rated	
15:							
Levy	95	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Too clayey	1.00

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15: Muckalee	5	Not Rated		Not Rated		Not Rated	
16: Lynchburg	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Aycock	4	Not Rated		Not Rated		Not Rated	
Montross	4	Not Rated		Not Rated		Not Rated	
Norfolk	4	Not Rated		Not Rated		Not Rated	
Rains	4	Not Rated		Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated		Not Rated	
17: Lynchburg	55	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Slagle	25	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Emporia	10	Not Rated		Not Rated		Not Rated	
Kinston	10	Not Rated		Not Rated		Not Rated	
18A: Montross	85	Very limited Depth to saturated zone Depth to thick cemented pan	1.00 1.00	Very limited Depth to cemented pan Depth to saturated zone	1.00 0.78	Very limited Depth to cemented pan Depth to saturated zone	1.00 0.87
Ackwater	8	Not Rated		Not Rated		Not Rated	
Aycock	7	Not Rated		Not Rated		Not Rated	
18B: Montross	85	Very limited Depth to saturated zone Depth to thick cemented pan	1.00 1.00	Very limited Depth to cemented pan Depth to saturated zone	1.00 0.78	Very limited Depth to cemented pan Depth to saturated zone	1.00 0.87
Ackwater	5	Not Rated		Not Rated		Not Rated	
Aycock	5	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18B:							
Lynchburg	5	Not Rated		Not Rated		Not Rated	
19:							
Muckalee	85	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
Bolling	8	Not Rated		Not Rated		Not Rated	
Levy	7	Not Rated		Not Rated		Not Rated	
20:							
Newflat	85	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too clayey	1.00 0.50
Peawick	8	Not Rated		Not Rated		Not Rated	
Chickahominy	7	Not Rated		Not Rated		Not Rated	
21:							
Norfolk	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Hard to compact	0.50
Bonneau	4	Not Rated		Not Rated		Not Rated	
Burrowsville	4	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated		Not Rated	
22A:							
Pamunkey	85	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50
Argent	5	Not Rated		Not Rated		Not Rated	
Bojac	5	Not Rated		Not Rated		Not Rated	
Bolling	5	Not Rated		Not Rated		Not Rated	
22B:							
Pamunkey	85	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22B:							
Argent	5	Not Rated		Not Rated		Not Rated	
Bojac	5	Not Rated		Not Rated		Not Rated	
Bolling	5	Not Rated		Not Rated		Not Rated	
23A:							
Peawick	85	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
Chickahominy	5	Not Rated		Not Rated		Not Rated	
Newflat	5	Not Rated		Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated		Not Rated	
23B:							
Peawick	85	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
Chickahominy	5	Not Rated		Not Rated		Not Rated	
Newflat	5	Not Rated		Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated		Not Rated	
23C:							
Peawick	85	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
Newflat	8	Not Rated		Not Rated		Not Rated	
Wickham	7	Not Rated		Not Rated		Not Rated	
24:							
Rains	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Kinston	5	Not Rated		Not Rated		Not Rated	
Lynchburg	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	

25A:

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
25A:							
Slagle	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Burrowsville	3	Not Rated		Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated		Not Rated	
Lynchburg	3	Not Rated		Not Rated		Not Rated	
Montross	3	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
25B:							
Slagle	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Kinston	4	Not Rated		Not Rated		Not Rated	
Montross	4	Not Rated		Not Rated		Not Rated	
Ackwater	3	Not Rated		Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated		Not Rated	
Burrowsville	3	Not Rated		Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated		Not Rated	
25C:							
Slagle	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Ackwater	7	Not Rated		Not Rated		Not Rated	
Bonneau	7	Not Rated		Not Rated		Not Rated	
Emporia	6	Not Rated		Not Rated		Not Rated	
26:							
Udorthents	75	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Pamunkey	4	Not Rated		Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26:							
Wickham	4	Not Rated		Not Rated		Not Rated	
Argent	3	Not Rated		Not Rated		Not Rated	
Bolling	3	Not Rated		Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated		Not Rated	
27:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
Ackwater	3	Not Rated		Not Rated		Not Rated	
Urban Land	3	Not Rated		Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated		Not Rated	
Lynchburg	2	Not Rated		Not Rated		Not Rated	
Newflat	2	Not Rated		Not Rated		Not Rated	
Peawick	2	Not Rated		Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated		Not Rated	
Wickham	2	Not Rated		Not Rated		Not Rated	
28:							
Urban land	80	Not Rated		Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated		Not Rated	
Wickham	3	Not Rated		Not Rated		Not Rated	
Ackwater	2	Not Rated		Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated		Not Rated	
Lynchburg	2	Not Rated		Not Rated		Not Rated	
Newflat	2	Not Rated		Not Rated		Not Rated	
Peawick	2	Not Rated		Not Rated		Not Rated	
29:							
Urban land	70	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Prince George County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
29:							
Udorthents	20	Not Rated		Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated		Not Rated	
Ackwater	1	Not Rated		Not Rated		Not Rated	
Emporia	1	Not Rated		Not Rated		Not Rated	
Lynchburg	1	Not Rated		Not Rated		Not Rated	
Newflat	1	Not Rated		Not Rated		Not Rated	
Peawick	1	Not Rated		Not Rated		Not Rated	
Wickham	1	Not Rated		Not Rated		Not Rated	
30A:							
Wickham	90	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50
Peawick	10	Not Rated		Not Rated		Not Rated	
30B:							
Wickham	90	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50
Peawick	10	Not Rated		Not Rated		Not Rated	
30C:							
Wickham	80	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50
Emporia	7	Not Rated		Not Rated		Not Rated	
Peawick	7	Not Rated		Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	