

Table ENG-6. - Sanitary Facilities

Hanover 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
1B:							
Abell	85	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.25
		Seepage	1.00	Seepage	1.00	Seepage	0.21
Appling	2	Not Rated		Not Rated		Not Rated	
Cecil	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Pacolet	1	Not Rated		Not Rated		Not Rated	
Pamunkey variant	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
2:							
Altavista	85	Very limited		Very limited		Somewhat limited	
		Flooding	1.00	Flooding	1.00	Depth to saturated zone	0.86
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	0.50
		Too Sandy	1.00			Too Sandy	0.50
Aquults	2	Not Rated		Not Rated		Not Rated	
Bolling variant	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	
Fork	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Myatt variant	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
2:							
Worsham	1	Not Rated		Not Rated		Not Rated	
3B:							
Appling	85	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Abell	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
3C2:							
Appling	90	Very limited Seepage Too clayey Slope	1.00 0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Ashlar	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	

4B:

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
4B:							
Appling	90	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Bourne	3	Not Rated		Not Rated		Not Rated	
Spotsylvania	3	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Edgehill variant	2	Not Rated		Not Rated		Not Rated	
4C:							
Appling	90	Very limited Seepage Too clayey Slope	1.00 0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Edgehill variant	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
5C:							
Appling	35	Very limited Seepage Too clayey Slope	1.00 0.50 0.16	Somewhat limited Slope	0.16	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.16
Ashlar	30	Very limited Depth to saturated zone Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Depth to bedrock Seepage	1.00 1.00 1.00	Very limited Depth to bedrock Seepage Slope	1.00 0.50 0.16
Edgehill variant	15	Not Rated		Not Rated		Not Rated	
Rock Outcrop	10	Not Rated		Not Rated		Not Rated	
Vance	10	Not Rated		Not Rated		Not Rated	
6:							
Aquults	90	Not Rated		Not Rated		Not Rated	
Colfax	3	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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:							
Coxville	3	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
7:							
Atlee	90	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 thick cemented pan	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.86
Bourne	2	Not Rated		Not Rated		Not Rated	
Coxville	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
8:							
Augusta	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	Too clayey	0.50
		Too clayey	0.50				
Altavista	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Kenansville variant	2	Not Rated		Not Rated		Not Rated	
Myatt variant	2	Not Rated		Not Rated		Not Rated	
Rains	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	

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Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
9:							
Bolling variant	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too Sandy	1.00
		Too Sandy	1.00	Seepage	1.00	Gravel content	1.00
		Seepage	1.00			Seepage	1.00
Augusta	8	Not Rated		Not Rated		Not Rated	
Altavista	7	Not Rated		Not Rated		Not Rated	
10B:							
Bourne	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 thick cemented pan	1.00	Depth to saturated zone	0.78	Depth to saturated zone	0.87
		Seepage	1.00				
Atlee	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Augusta	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Creedmoor	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Mayodan	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Pamunkey	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
10C:							
Bourne	85	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 thick cemented pan	1.00	Depth to saturated zone	0.78	Depth to saturated zone	0.87
		Seepage	1.00	Slope	0.37	Slope	0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Kempsville	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
11B:							
Bourne	40	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 thick cemented pan	1.00	Depth to saturated zone	0.78	Depth to saturated zone	0.87
		Seepage	1.00				
Varina	35	Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	0.98	Gravel content	0.85
		Too clayey	0.50			Hard to compact	0.50
Colfax	3	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
Faceville	3	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
Orangeburg	3	Not Rated		Not Rated		Not Rated	
Spotsylvania	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
11B:							
Mayodan	2	Not Rated		Not Rated		Not Rated	
11C:							
Bourne	40	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 thick cemented pan	1.00	Depth to saturated zone	0.78	Depth to saturated zone	0.87
		Seepage	1.00	Slope	0.37	Slope	0.37
Varina	35	Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	0.98	Gravel content	0.85
		Too clayey	0.50	Slope	0.37	Hard to compact	0.50
		Slope	0.37			Slope	0.37
Appling	4	Not Rated		Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Wedowee	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
12B:							
Caroline	90	Very limited		Not limited		Very limited	
		Too clayey	1.00			Too clayey	1.00
Atlee	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	

12D2:

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
12D2:							
Caroline	80	Very limited Slope Too clayey	1.00 1.00	Very limited Slope	1.00	Very limited Slope Too clayey	1.00 1.00
Faceville	12	Not Rated		Not Rated		Not Rated	
Fluvaquents	8	Not Rated		Not Rated		Not Rated	
13B2:							
Caroline	40	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
Dogue	25	Very limited Depth to saturated zone Too clayey Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.47
Atlee	6	Not Rated		Not Rated		Not Rated	
Duplin	6	Not Rated		Not Rated		Not Rated	
Faceville	6	Not Rated		Not Rated		Not Rated	
Goldsboro	6	Not Rated		Not Rated		Not Rated	
Norfolk	6	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
13C2:							
Caroline	35	Very limited Too clayey Slope	1.00 0.37	Somewhat limited Slope	0.37	Very limited Too clayey Slope	1.00 0.37
Dogue	30	Very limited Depth to saturated zone Too clayey Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Too clayey Depth to saturated zone Slope	1.00 0.47 0.37
Bourne	5	Not Rated		Not Rated		Not Rated	
Faceville	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Goldsboro	5	Not Rated		Not Rated		Not Rated	
Norfolk	5	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
13C2:							
Orangeburg	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
14B2:							
Cecil	85	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Abell	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvanna	1	Not Rated		Not Rated		Not Rated	
Kenansville	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
14C2:							
Cecil	85	Very limited Seepage Too clayey Slope	1.00 0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvanna	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
14C2:							
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
15B2:							
Cecil	35	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Vance	30	Very limited Too clayey Seepage	1.00 1.00	Not limited		Very limited Too clayey	1.00
Abell	6	Not Rated		Not Rated		Not Rated	
Faceville	6	Not Rated		Not Rated		Not Rated	
Fluvanna	6	Not Rated		Not Rated		Not Rated	
Spotsylvania	6	Not Rated		Not Rated		Not Rated	
Varina	6	Not Rated		Not Rated		Not Rated	
Wedowee	5	Not Rated		Not Rated		Not Rated	
15C2:							
Cecil	35	Very limited Seepage Too clayey Slope	1.00 0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Vance	30	Very limited Too clayey Seepage Slope	1.00 1.00 0.37	Somewhat limited Slope	0.37	Very limited Too clayey Slope	1.00 0.37
Bourne	9	Not Rated		Not Rated		Not Rated	
Fluvanna	9	Not Rated		Not Rated		Not Rated	
Spotsylvania	9	Not Rated		Not Rated		Not Rated	
Varina	8	Not Rated		Not Rated		Not Rated	
15D2:							

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
15D2:							
Cecil	40	Very limited Slope Seepage Too clayey	1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope Too clayey Hard to compact	1.00 0.50 0.50
Vance	35	Very limited Slope Too clayey Seepage	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope Too clayey	1.00 1.00
Ashlar	9	Not Rated		Not Rated		Not Rated	
Fluvaquents	8	Not Rated		Not Rated		Not Rated	
Varina	8	Not Rated		Not Rated		Not Rated	
16:							
Chewacla	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
Abell	2	Not Rated		Not Rated		Not Rated	
Altavista	2	Not Rated		Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated		Not Rated	
Bolling variant	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Wehadkee	2	Not Rated		Not Rated		Not Rated	
17B:							
Colfax	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 1.00	Very limited Depth to cemented pan Depth to saturated zone	1.00 1.00
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Cecil	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
17B:							
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
17C:							
Colfax	85	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 thick cemented pan	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slope	0.37	Slope	0.37	Slope	0.37
Appling	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Helena	3	Not Rated		Not Rated		Not Rated	
Orange	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
18:							
Coxville	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	0.50			Too clayey	0.50
						Hard to compact	0.50
Atlee	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Lenoir	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Rains	1	Not Rated		Not Rated		Not Rated	
19B:							

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
19B:							
Creedmoor	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	1.00
Bourne	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Edgehill variant	2	Not Rated		Not Rated		Not Rated	
Mayodan	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Pamunkey	2	Not Rated		Not Rated		Not Rated	
Pinkston	2	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
20B:							
Creedmoor variant	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	1.00
Colfax	4	Not Rated		Not Rated		Not Rated	
Duplin	3	Not Rated		Not Rated		Not Rated	
Mayodan	3	Not Rated		Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
21B2:							
Cullen	85	Somewhat limited		Not limited		Somewhat limited	
		Too clayey	0.50			Too clayey	0.50
Worsham	3	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
21B2:							
Vance	2	Not Rated		Not Rated		Not Rated	
Wedowee	2	Not Rated		Not Rated		Not Rated	
21C2:							
Cullen	85	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Slope	0.50 0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
21D2:							
Cullen	85	Very limited Slope Too clayey	1.00 0.50	Very limited Slope	1.00	Very limited Slope Too clayey	1.00 0.50
Ashlar	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Wedowee	3	Not Rated		Not Rated		Not Rated	
22:							
Dawhoo variant	85	Very limited Flooding Depth to saturated zone Too Sandy	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00 0.50
Forestdale	8	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
22:							
Wehadkee	7	Not Rated		Not Rated		Not Rated	
23:							
Dogue	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.47
		Seepage	1.00				
Abell	2	Not Rated		Not Rated		Not Rated	
Altavista	2	Not Rated		Not Rated		Not Rated	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Forestdale	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Masada	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Wahee	1	Not Rated		Not Rated		Not Rated	
24:							
Dunbar	90	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.96
		Too clayey	0.50			Too clayey	0.50
						Hard to compact	0.50
Atlee	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Caroline	2	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
24:							
Duplin	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
25A:							
Duplin	90	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Hard to compact	0.50
		Too clayey	0.50			Depth to saturated zone	0.47
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
25B:							
Duplin	90	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Hard to compact	0.50
		Too clayey	0.50			Depth to saturated zone	0.47
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
26B:							
Edgehill variant	85	Not limited		Not limited		Very limited Gravel content	1.00
Abell	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Creedmoor	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Pinkston	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
27B:							
Fluvanna	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	1.00
Bourne	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Georgeville	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
27C2:							
Fluvanna	90	Very limited Depth to saturated zone Too clayey Slope	1.00 1.00 0.37	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Too clayey Slope	1.00 0.37
Colfax	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
27C2:							
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Georgeville	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
28:							
Fluvaquents	90	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Udifluvents	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Chewacla	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Kenansville variant	1	Not Rated		Not Rated		Not Rated	
29:							
Forestdale	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		Too clayey	1.00
Worsham	3	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
30:							
Forestdale	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	Too clayey	1.00
		Too clayey	1.00	Too clayey		Too clayey	1.00

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
30:							
Abell	2	Not Rated		Not Rated		Not Rated	
Altavista	2	Not Rated		Not Rated		Not Rated	
Bolling variant	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Cullen	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
31:							
Fork	90	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
Altavista	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Pamunkey	1	Not Rated		Not Rated		Not Rated	
Wahee	1	Not Rated		Not Rated		Not Rated	
Wehadkee	1	Not Rated		Not Rated		Not Rated	
32B:							
Georgeville	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Colfax	5	Not Rated		Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	

32C2:

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
32C2:							
Georgeville	85	Somewhat limited Slope Too clayey	0.96 0.50	Somewhat limited Slope	0.96	Somewhat limited Slope Too clayey Hard to compact	0.96 0.50 0.50
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	
33B:							
Goldsboro	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.09
Altavista	1	Not Rated		Not Rated		Not Rated	
Augusta	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
34B:							
Goldsboro	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.09
Altavista	2	Not Rated		Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
34B:							
Lenoir	1	Not Rated		Not Rated		Not Rated	
35B:							
Helena	40	Very limited		Somewhat limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	0.78	Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.87
		Seepage	1.00				
Colfax	35	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 thick cemented pan	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Abell	3	Not Rated		Not Rated		Not Rated	
Altavista	3	Not Rated		Not Rated		Not Rated	
Fluvanna	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
Appling	1	Not Rated		Not Rated		Not Rated	
Aquults	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Wahee	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
36C:							
Helena	40	Very limited		Somewhat limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	0.78	Too clayey	1.00
		Too clayey	1.00	Slope	0.37	Depth to saturated zone	0.87
		Seepage	1.00			Slope	0.37

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
36C:							
Orange	35	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Depth to bedrock	1.00	Depth to bedrock	0.42	Depth to saturated zone	0.47
		Too clayey	1.00	Slope	0.37	Depth to bedrock	0.42
Abell	5	Not Rated		Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Vance	5	Not Rated		Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated		Not Rated	
37:							
Hydraquents	95	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
38C:							
Iredell	40	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
Orange	30	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too clayey	1.00
		Depth to bedrock	1.00	Depth to bedrock	0.42	Depth to saturated zone	0.47
		Too clayey	1.00	Slope	0.37	Depth to bedrock	0.42
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated		Not Rated	
Worsham	4	Not Rated		Not Rated		Not Rated	
Abell	3	Not Rated		Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated		Not Rated	
Colfax	3	Not Rated		Not Rated		Not Rated	
Cullen	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
39B:							

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
39B:							
Kempsville	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Seepage	0.50
Bourne	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Kenansville	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
39C:							
Kempsville	90	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.37	Somewhat limited Seepage Slope	0.50 0.37
Bourne	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
40A:							
Kempsville	55	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Seepage	0.50

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
40A:							
Bourne	30	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 thick cemented pan	1.00	Depth to saturated zone	0.78	Depth to saturated zone	0.87
		Seepage	1.00				
Dunbar	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Kenansville	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
40B:							
Kempsville	60	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	0.50
				Seepage	1.00		
Bourne	30	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 thick cemented pan	1.00	Depth to saturated zone	0.78	Depth to saturated zone	0.87
		Seepage	1.00				
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kenansville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
40B:							
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
41:							
Kenansville	90	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Seepage	1.00
Dogue	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Kempsville	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
42:							
Kenansville variant	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Seepage	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.47
		Seepage	1.00	Seepage	1.00		
Altavista	3	Not Rated		Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated		Not Rated	
Wehadkee	3	Not Rated		Not Rated		Not Rated	
43:							
Lenoir	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Too clayey	1.00			Depth to saturated zone	0.96
Coxville	4	Not Rated		Not Rated		Not Rated	
Dogue	4	Not Rated		Not Rated		Not Rated	
Dunbar	4	Not Rated		Not Rated		Not Rated	
Duplin	3	Not Rated		Not Rated		Not Rated	

44B:

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
44B:							
Masada	85	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
Altavista	3	Not Rated		Not Rated		Not Rated	
Appling	3	Not Rated		Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Turbeville	3	Not Rated		Not Rated		Not Rated	
45B:							
Mayodan	35	Very limited Too clayey	1.00	Not limited		Very limited Too clayey	1.00
Creedmoor	30	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
Bourne	7	Not Rated		Not Rated		Not Rated	
Edgehill variant	7	Not Rated		Not Rated		Not Rated	
Fluvaquents	7	Not Rated		Not Rated		Not Rated	
Helena	7	Not Rated		Not Rated		Not Rated	
Pinkston	7	Not Rated		Not Rated		Not Rated	
46:							
Myatt variant	85	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
Altavista	3	Not Rated		Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated		Not Rated	
Chewacla	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Kenansville variant	2	Not Rated		Not Rated		Not Rated	
Wehadkee	2	Not Rated		Not Rated		Not Rated	

47A:

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
47A:							
Norfolk	85	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Hard to compact	0.50
Dogue	2	Not Rated		Not Rated		Not Rated	
Dunbar	2	Not Rated		Not Rated		Not Rated	
Duplin	2	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
47B:							
Norfolk	80	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Hard to compact	0.50
Abell	1	Not Rated		Not Rated		Not Rated	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
47B:							
Edgehill variant	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
Pacolet	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
48B:							
Orange	40	Very limited Depth to saturated zone Depth to bedrock Too clayey	1.00 1.00 1.00	Very limited Depth to saturated zone Depth to bedrock	1.00 0.42	Very limited Too clayey Depth to saturated zone Depth to bedrock	1.00 0.47 0.42
Iredell	30	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Abell	3	Not Rated		Not Rated		Not Rated	
Appling	3	Not Rated		Not Rated		Not Rated	
Bourne	3	Not Rated		Not Rated		Not Rated	
Colfax	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Wedowee	3	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
48B:							
Helena	2	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
49B:							
Orangeburg	90	Not limited		Not limited		Somewhat limited Hard to compact	0.50
Kenansville	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
50A:							
Orangeburg	55	Not limited		Not limited		Somewhat limited Hard to compact	0.50
Faceville	35	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Duplin	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
50A:							
Norfolk	1	Not Rated		Not Rated		Not Rated	
Suffolk	1	Not Rated		Not Rated		Not Rated	
50B:							
Orangeburg	55	Not limited		Not limited		Somewhat limited Hard to compact	0.50
Faceville	35	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Appling	1	Not Rated		Not Rated		Not Rated	
Atlee	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Coxville	1	Not Rated		Not Rated		Not Rated	
Creedmoor	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Dunbar	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Mayodan	1	Not Rated		Not Rated		Not Rated	
50C:							
Orangeburg	40	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Hard to compact Slope	0.50 0.37
Faceville	35	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Bourne	5	Not Rated		Not Rated		Not Rated	
Caroline	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Goldsboro	4	Not Rated		Not Rated		Not Rated	
Kempsville	4	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
50C:							
Norfolk	4	Not Rated		Not Rated		Not Rated	
51B2:							
Pacolet	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Bourne	2	Not Rated		Not Rated		Not Rated	
Cullen	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
51C2:							
Pacolet	85	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Vance	2	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Appling	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Cullen	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
51C2:							
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
51D2:							
Pacolet	85	Very limited Slope Too clayey	1.00 0.50	Very limited Slope	1.00	Very limited Slope Too clayey Hard to compact	1.00 0.50 0.50
Ashlar	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Spotsylvania	5	Not Rated		Not Rated		Not Rated	
52C3:							
Pacolet	85	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Abell	3	Not Rated		Not Rated		Not Rated	
Colfax	3	Not Rated		Not Rated		Not Rated	
Cullen	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
53B:							
Pacolet	45	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Cecil	40	Very limited Seepage Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Abell	3	Not Rated		Not Rated		Not Rated	
Cullen	3	Not Rated		Not Rated		Not Rated	
Iredell	3	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
53B:							
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
53C2:							
Pacolet	55	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Cecil	35	Very limited Seepage Too clayey Slope	1.00 0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37
Cullen	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Spotsylvania	3	Not Rated		Not Rated		Not Rated	
54B:							
Pamunkey	90	Very limited Seepage	1.00	Not limited		Very limited Seepage	1.00
Altavista	3	Not Rated		Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated		Not Rated	
Kenansville variant	2	Not Rated		Not Rated		Not Rated	
Tarboro	2	Not Rated		Not Rated		Not Rated	
55A:							
Pamunkey	85	Very limited Seepage	1.00	Not limited		Very limited Seepage	1.00
Altavista	4	Not Rated		Not Rated		Not Rated	
Augusta	4	Not Rated		Not Rated		Not Rated	
Goldsboro	4	Not Rated		Not Rated		Not Rated	
Wahee	3	Not Rated		Not Rated		Not Rated	
55B:							
Pamunkey	85	Very limited Seepage	1.00	Not limited		Very limited Seepage	1.00
Altavista	3	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
55B:							
Augusta	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Wahee	3	Not Rated		Not Rated		Not Rated	
56:							
Pamunkey	85	Very limited Flooding Seepage	1.00 1.00	Very limited Flooding	1.00	Very limited Seepage	1.00
Altavista	4	Not Rated		Not Rated		Not Rated	
Augusta	4	Not Rated		Not Rated		Not Rated	
Chewacla	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
57B:							
Pamunkey variant	85	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Gravel content Too Sandy	1.00 0.97 0.50
Altavista	3	Not Rated		Not Rated		Not Rated	
Chewacla	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Tarboro	2	Not Rated		Not Rated		Not Rated	
Udifluvents	2	Not Rated		Not Rated		Not Rated	
Wahee	2	Not Rated		Not Rated		Not Rated	
58C:							
Pinkston	35	Very limited Depth to bedrock Seepage Slope	1.00 1.00 0.37	Very limited Depth to bedrock Seepage Slope	1.00 1.00 0.37	Very limited Depth to bedrock Seepage Slope	1.00 0.50 0.37
Mayodan	30	Very limited Too clayey Slope	1.00 0.37	Somewhat limited Slope	0.37	Very limited Too clayey Slope	1.00 0.37
Colfax	9	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
58C:							
Creedmoor	9	Not Rated		Not Rated		Not Rated	
Helena	9	Not Rated		Not Rated		Not Rated	
Edgehill variant	8	Not Rated		Not Rated		Not Rated	
58D:							
Pinkston	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Depth to bedrock	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Slope	1.00
		Seepage	1.00	Seepage	1.00	Seepage	0.50
Mayodan	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Too clayey	1.00			Too clayey	1.00
Chewacla	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Udifluvents	5	Not Rated		Not Rated		Not Rated	
58E:							
Pinkston	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Depth to bedrock	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Slope	1.00
		Seepage	1.00	Seepage	1.00	Seepage	0.50
Mayodan	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Too clayey	1.00			Too clayey	1.00
Chewacla	7	Not Rated		Not Rated		Not Rated	
Fluvaquents	7	Not Rated		Not Rated		Not Rated	
Udifluvents	6	Not Rated		Not Rated		Not Rated	
59:							
Pits, borrow	100	Not Rated		Not Rated		Not Rated	
60:							
Pits, quarry	100	Not Rated		Not Rated		Not Rated	
61:							
Rains	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
		Flooding	0.40	Flooding	0.40		

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
61:							
Dunbar	4	Not Rated		Not Rated		Not Rated	
Duplin	4	Not Rated		Not Rated		Not Rated	
Goldsboro	4	Not Rated		Not Rated		Not Rated	
Suffolk	3	Not Rated		Not Rated		Not Rated	
62B:							
Spotsylvania	35	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey Hard to compact	0.50 0.50
Bourne	30	Very limited Depth to saturated zone Depth to thick cemented pan Seepage	1.00 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
Abell	4	Not Rated		Not Rated		Not Rated	
Appling	4	Not Rated		Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated		Not Rated	
Faceville	3	Not Rated		Not Rated		Not Rated	
Masada	3	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
Orangeburg	3	Not Rated		Not Rated		Not Rated	
Pacolet	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Varina	3	Not Rated		Not Rated		Not Rated	
Wedowee	3	Not Rated		Not Rated		Not Rated	
62C:							
Spotsylvania	35	Somewhat limited Too clayey Slope	0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Too clayey Hard to compact Slope	0.50 0.50 0.37

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
62C:							
Bourne	30	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 thick cemented pan	1.00	Depth to saturated zone	0.78	Depth to saturated zone	0.87
		Seepage	1.00	Slope	0.37	Slope	0.37
Abell	6	Not Rated		Not Rated		Not Rated	
Appling	6	Not Rated		Not Rated		Not Rated	
Cecil	6	Not Rated		Not Rated		Not Rated	
Pacolet	6	Not Rated		Not Rated		Not Rated	
Vance	6	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
63A:							
Suffolk	90	Very limited		Not limited		Not limited	
		Seepage	1.00				
Faceville	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	
Dogue	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kempsville	1	Not Rated		Not Rated		Not Rated	
Kenansville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
63B:							
Suffolk	90	Very limited		Not limited		Not limited	
		Seepage	1.00				
Kempsville	2	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Caroline	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
63B:							
Dogue	1	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Goldsboro	1	Not Rated		Not Rated		Not Rated	
Kenansville	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orangeburg	1	Not Rated		Not Rated		Not Rated	
63C:							
Suffolk	90	Very limited Seepage Slope	1.00 0.37	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37
Bourne	2	Not Rated		Not Rated		Not Rated	
Kempsville	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Faceville	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
64B:							
Tarboro	90	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Altavista	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	
Pamunkey	1	Not Rated		Not Rated		Not Rated	
Wehadkee	1	Not Rated		Not Rated		Not Rated	
65B:							
Turbeville	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Altavista	4	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
65B:							
Faceville	4	Not Rated		Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
66C:							
Udalfs	55	Not Rated		Not Rated		Not Rated	
Ochrepts	35	Not Rated		Not Rated		Not Rated	
Abell	3	Not Rated		Not Rated		Not Rated	
Appling	3	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Wedowee	2	Not Rated		Not Rated		Not Rated	
66D:							
Udalfs	55	Not Rated		Not Rated		Not Rated	
Ochrepts	35	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
66F:							
Udalfs	55	Not Rated		Not Rated		Not Rated	
Ochrepts	35	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Pacolet	2	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
66F:							
Worsham	1	Not Rated		Not Rated		Not Rated	
67:							
Udifluvents	100	Not Rated		Not Rated		Not Rated	
68:							
Udorhents	100	Not Rated		Not Rated		Not Rated	
69C:							
Udults	95	Not Rated		Not Rated		Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
69D:							
Udults	95	Not Rated		Not Rated		Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
70B:							
Udults	50	Not Rated		Not Rated		Not Rated	
Ochrepts	40	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Goldsboro	5	Not Rated		Not Rated		Not Rated	
70C:							
Udults	55	Not Rated		Not Rated		Not Rated	
Ochrepts	40	Not Rated		Not Rated		Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
70D:							
Udults	55	Not Rated		Not Rated		Not Rated	
Ochrepts	40	Not Rated		Not Rated		Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	

70E:

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
70E:							
Udults	55	Not Rated		Not Rated		Not Rated	
Ochrepts	40	Not Rated		Not Rated		Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
70F:							
Udults	55	Not Rated		Not Rated		Not Rated	
Ochrepts	40	Not Rated		Not Rated		Not Rated	
Goldsboro	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
71B:							
Vance	85	Very limited Too clayey Seepage	1.00 1.00	Not limited		Very limited Too clayey	1.00
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Cullen	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Pacolet	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
71C2:							

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
71C2:							
Vance	85	Very limited Too clayey Seepage Slope	1.00 1.00 0.37	Somewhat limited Slope	0.37	Very limited Too clayey Slope	1.00 0.37
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Cullen	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Pacolet	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Wedowee	1	Not Rated		Not Rated		Not Rated	
72B:							
Varina	45	Somewhat limited Depth to saturated zone Too clayey	0.98 0.50	Somewhat limited Depth to saturated zone	0.98	Somewhat limited Gravel content Hard to compact	0.85 0.50
Bourne	35	Very limited Depth to saturated zone Depth to thick cemented pan Seepage	1.00 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
Abell	2	Not Rated		Not Rated		Not Rated	
Appling	2	Not Rated		Not Rated		Not Rated	
Cecil	2	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
72B:							
Duplin	2	Not Rated		Not Rated		Not Rated	
Edgehill variant	2	Not Rated		Not Rated		Not Rated	
Faceville	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Orangeburg	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Norfolk	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
73:							
Wahee	85	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Too clayey Depth to saturated zone	1.00 1.00
Abell	2	Not Rated		Not Rated		Not Rated	
Altavista	2	Not Rated		Not Rated		Not Rated	
Dogue	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Fork	1	Not Rated		Not Rated		Not Rated	
74B2:							
Wedowee	85	Not limited		Not limited		Somewhat limited Hard to compact	0.50
Iredell	2	Not Rated		Not Rated		Not Rated	
Norfolk	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
74B2:							
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Spotsylvania	1	Not Rated		Not Rated		Not Rated	
Turbeville	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
74C2:							
Wedowee	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Hard to compact Slope	0.50 0.37
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Bourne	1	Not Rated		Not Rated		Not Rated	
Cecil	1	Not Rated		Not Rated		Not Rated	
Chewacla	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Iredell	1	Not Rated		Not Rated		Not Rated	
Orange	1	Not Rated		Not Rated		Not Rated	
Turbeville	1	Not Rated		Not Rated		Not Rated	
Vance	1	Not Rated		Not Rated		Not Rated	
Varina	1	Not Rated		Not Rated		Not Rated	
74D2:							
Wedowee	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
74D2:							
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Vance	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Ashlar	2	Not Rated		Not Rated		Not Rated	
Chewacla	2	Not Rated		Not Rated		Not Rated	
75C3:							
Wedowee	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Hard to compact Slope	0.50 0.37
Abell	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Fluvaquents	2	Not Rated		Not Rated		Not Rated	
Iredell	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
Spotsylvania	2	Not Rated		Not Rated		Not Rated	
Vance	2	Not Rated		Not Rated		Not Rated	
Worsham	1	Not Rated		Not Rated		Not Rated	
75D3:							
Wedowee	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
Abell	3	Not Rated		Not Rated		Not Rated	
Ashlar	3	Not Rated		Not Rated		Not Rated	
Chewacla	3	Not Rated		Not Rated		Not Rated	
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
76D:							

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
76D:							
Wedowee	35	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Hard to compact	1.00 0.50
Ashlar	30	Very limited Depth to saturated zone Slope Depth to bedrock	1.00 1.00 1.00	Very limited Slope Depth to saturated zone Depth to bedrock	1.00 1.00 1.00	Very limited Depth to bedrock Slope Seepage	1.00 1.00 0.50
Edgehill variant	12	Not Rated		Not Rated		Not Rated	
Fluvaquents	12	Not Rated		Not Rated		Not Rated	
Vance	11	Not Rated		Not Rated		Not Rated	
77:							
Wehadkee	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
Forestdale	2	Not Rated		Not Rated		Not Rated	
Goldsboro	2	Not Rated		Not Rated		Not Rated	
Worsham	2	Not Rated		Not Rated		Not Rated	
Abell	1	Not Rated		Not Rated		Not Rated	
Altavista	1	Not Rated		Not Rated		Not Rated	
Augusta	1	Not Rated		Not Rated		Not Rated	
Chewacla	1	Not Rated		Not Rated		Not Rated	
Colfax	1	Not Rated		Not Rated		Not Rated	
Fluvaquents	1	Not Rated		Not Rated		Not Rated	
Helena	1	Not Rated		Not Rated		Not Rated	
Pamunkey	1	Not Rated		Not Rated		Not Rated	
Wahee	1	Not Rated		Not Rated		Not Rated	
78:							
Worsham	85	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too clayey	1.00 1.00

Table ENG-6. - Sanitary Facilities - Continued

Hanover 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
78:							
Fluvaquents	3	Not Rated		Not Rated		Not Rated	
Helena	3	Not Rated		Not Rated		Not Rated	
Iredell	3	Not Rated		Not Rated		Not Rated	
Abell	2	Not Rated		Not Rated		Not Rated	
Colfax	2	Not Rated		Not Rated		Not Rated	
Orange	2	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	