

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AdB2: Aldino-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Thin layer Piping	1.00 0.46 0.26	Very limited Deep to water	1.00
		Depth to bedrock	0.01				
AdC2: Aldino-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Thin layer Piping	1.00 0.46 0.26	Very limited Deep to water	1.00
		Depth to bedrock	0.01				
		Slope	0.01				
AgB2: Aura-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.07	Very limited Deep to water	1.00
AgC2: Aura-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.07	Very limited Deep to water	1.00
AgE3: Aura-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.07	Very limited Deep to water	1.00
		Slope	0.12				
Ba: Baile-----	100	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone Piping	1.00 1.00	Somewhat limited Slow refill	0.97
						Cutbanks cave	0.10
BeA: Beltsville-----	95	Very limited Seepage	1.00	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Deep to water	1.00
BeB2: Beltsville-----	95	Very limited Seepage	1.00	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Deep to water	1.00
BeC2: Beltsville-----	95	Very limited Seepage	1.00	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Deep to water	1.00

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BeC3: Beltsville-----	95	Very limited Seepage	1.00	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Deep to water	1.00
BeD2: Beltsville-----	95	Very limited Seepage Slope	1.00 0.01	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Deep to water	1.00
BrB2: Brandywine-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.31	Very limited Deep to water	1.00
BrC2: Brandywine-----	100	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.31	Very limited Deep to water	1.00
BrC3: Brandywine-----	100	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.31	Very limited Deep to water	1.00
BrD2: Brandywine-----	100	Very limited Seepage Slope	1.00 0.12	Somewhat limited Seepage	0.31	Very limited Deep to water	1.00
BrD3: Brandywine-----	100	Very limited Seepage Slope	1.00 0.12	Somewhat limited Seepage	0.31	Very limited Deep to water	1.00
BrF: Brandywine-----	100	Very limited Seepage Slope	1.00 0.82	Somewhat limited Seepage	0.31	Very limited Deep to water	1.00
BwD: Brandywine-----	100	Very limited Seepage Slope	1.00 0.02	Not limited		Very limited Deep to water	1.00
CgB2: Chester-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
CgC2: Chester-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
ChA: Chester-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.99	Very limited Deep to water	1.00

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ChB2: Chester-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
ChC2: Chester-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
ChC3: Chester-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
ChD2: Chester-----	100	Somewhat limited Seepage Slope	0.70 0.12	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
ClC3: Chillum-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
ClD2: Chillum-----	100	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
ClE2: Chillum-----	100	Somewhat limited Seepage Slope	0.70 0.21	Not limited		Very limited Deep to water	1.00
CmB2: Chillum-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
CmC2: Chillum-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
CnB2: Chillum-----	50	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
Fairfax-----	30	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
CnD3: Chillum-----	50	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
Fairfax-----	30	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Co: Codorus-----	95	Very limited Seepage	1.00	Very limited Depth to saturated zone	1.00	Very limited Cutbanks cave	1.00

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
				Piping	1.00		
Cs: Comus-----	100	Very limited Seepage	1.00	Very limited Piping	1.00	Very limited Deep to water	1.00
CuB: Comus-----	100	Very limited Seepage	1.00	Very limited Piping	1.00	Very limited Deep to water	1.00
DeA: Delanco-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
DeB2: Delanco-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
EkA: Elioak-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
EkB2: Elioak-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
EkC2: Elioak-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
EkD2: Elioak-----	100	Somewhat limited Seepage Slope	0.70 0.12	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
ElC3: Elioak-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.83	Very limited Deep to water	1.00
ELD3: Elioak-----	100	Somewhat limited Seepage Slope	0.70 0.12	Somewhat limited Piping	0.83	Very limited Deep to water	1.00
Em: Elkton-----	50	Somewhat limited Seepage	0.03	Very limited Depth to saturated zone Piping	1.00 0.71	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Elkton-----	50	Somewhat limited Seepage	0.03	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
				Piping	0.71	Cutbanks cave	0.10
EnA: Elsinboro-----	100	Very limited Seepage	1.00	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
EnB2: Elsinboro-----	100	Very limited Seepage	1.00	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
EnC2: Elsinboro-----	100	Very limited Seepage Slope	1.00 0.01	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
EvB: Evesboro-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.84	Very limited Deep to water	1.00
EvC: Evesboro-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.84	Very limited Deep to water	1.00
Fa: Fallsington-----	50	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.09	Very limited Cutbanks cave	1.00
Fallsington-----	50	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.09	Very limited Cutbanks cave	1.00
GlA: Glenelg-----	100	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
GlB2: Glenelg-----	100	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
GlC2: Glenelg-----	100	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
GlC3: Glenelg-----	100	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
GlD2: Glenelg-----	100	Somewhat limited Seepage Slope	0.70 0.12	Very limited Piping	1.00	Very limited Deep to water	1.00
GlD3: Glenelg-----	100	Somewhat limited		Very limited		Very limited	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds			
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value		
GnA: Glenville-----	95	Seepage	0.70	Piping	1.00	Deep to water	1.00		
		Slope	0.12						
GnB2: Glenville-----	95	Somewhat limited Seepage	0.03	Very limited Depth to saturated zone Piping	1.00	Very limited Deep to water	1.00		
GnB2: Glenville-----	95	Somewhat limited Seepage	0.03	Very limited Depth to saturated zone Piping	1.00	Very limited Deep to water	1.00		
GnC2: Glenville-----	95	Somewhat limited Seepage	0.03	Very limited Depth to saturated zone Piping	1.00	Very limited Deep to water	1.00		
		Slope	0.01						
Gp: Gravel Pits And Quar	95	Not rated		Not rated		Not rated			
Ha: Hatboro-----	100	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00	Very limited Cutbanks cave	1.00		
IuB: Iuka-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Seepage	1.00	Somewhat limited Slow refill	0.30		
					0.03			Cutbanks cave	0.10
KeE3: Kelly-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30		
		Slope	0.01					Cutbanks cave	0.10
KeB2: Kelly-----	95	Somewhat limited Seepage	0.45	Very limited Depth to saturated zone Thin layer	1.00	Very limited Cutbanks cave	1.00		
			0.10		0.11			Slow refill	0.55
								Depth to hard bedrock	0.42
KeC2: Kelly-----	95	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30		
		Slope	0.01					Cutbanks cave	0.10

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
KhC2: Keyport-----	95	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Piping	0.68 0.02	Very limited Deep to water	1.00
Kn: Kinkora-----	100	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
LeB2: Legore-----	100	Very limited Seepage	1.00	Very limited Piping	1.00	Very limited Deep to water	1.00
LeC2: Legore-----	100	Very limited Seepage Slope	1.00 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
LgC3: Legore-----	100	Very limited Seepage Slope	1.00 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
Ll: Leonardtown-----	100	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 1.00	Very limited Deep to water	1.00
LnB2: Linganore-----	100	Somewhat limited Depth to bedrock Seepage	0.11 0.03	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
LnC2: Linganore-----	100	Somewhat limited Depth to bedrock Seepage Slope	0.11 0.03 0.01	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
LnD2: Linganore-----	100	Somewhat limited Slope Depth to bedrock Seepage	0.12 0.11 0.03	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
LoE: Linganore-----	100	Somewhat limited Slope Depth to bedrock Seepage	0.72 0.11 0.03	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
Md: Made Land-----	100	Not rated		Not rated		Not rated	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MgB2: Manor-----	100	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
MgC2: Manor-----	100	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
MgC3: Manor-----	100	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
M1A: Manor-----	100	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
M1B2: Manor-----	100	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
M1C2: Manor-----	100	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
M1C3: Manor-----	100	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
M1D2: Manor-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
M1D3: Manor-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
M1E: Manor-----	100	Very limited Seepage Slope	1.00 0.72	Not limited		Very limited Deep to water	1.00
MnD: Manor-----	100	Very limited Seepage Slope	1.00 0.02	Not limited		Very limited Deep to water	1.00
MnF: Manor-----	100	Very limited Seepage Slope	1.00 0.94	Not limited		Very limited Deep to water	1.00
Mo: Mixed Alluvial Land-	100	Not rated		Not rated		Not rated	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MpB2: Montalto-----	100	Somewhat limited Seepage	0.70	Not limited		Very limited Deep to water	1.00
MpC2: Montalto-----	100	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
MqC3: Montalto-----	100	Somewhat limited Seepage Slope	0.70 0.01	Not limited		Very limited Deep to water	1.00
MrE: Montalto-----	50	Somewhat limited Seepage Slope	0.70 0.50	Not limited		Very limited Deep to water	1.00
Relay-----	50	Somewhat limited Seepage Slope Depth to bedrock	0.70 0.50 0.03	Very limited Piping Thin layer	1.00 0.03	Very limited Deep to water	1.00
MsD: Montalto-----	50	Somewhat limited Seepage Slope	0.70 0.02	Not limited		Very limited Deep to water	1.00
Relay-----	50	Somewhat limited Seepage Slope	0.70 0.02	Not limited		Very limited Deep to water	1.00
MsF: Montalto-----	50	Somewhat limited Slope Seepage	0.94 0.70	Not limited		Very limited Deep to water	1.00
Relay-----	50	Somewhat limited Slope Seepage	0.94 0.70	Not limited		Very limited Deep to water	1.00
MtB2: Mt.airy-----	100	Very limited Seepage Depth to bedrock	1.00 0.11	Somewhat limited Thin layer Seepage	0.86 0.19	Very limited Deep to water	1.00
MtC2: Mt.airy-----	100	Very limited Seepage Depth to bedrock Slope	1.00 0.11 0.01	Somewhat limited Thin layer Seepage	0.86 0.19	Very limited Deep to water	1.00
MtC3: Mt.airy-----	100	Very limited Seepage	1.00	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Depth to bedrock Slope	0.11 0.01	Seepage	0.19		
MtD2: Mt.airy-----	100	Very limited Seepage Slope Depth to bedrock	1.00 0.12 0.11	Somewhat limited Thin layer Seepage	0.86 0.19	Very limited Deep to water	1.00
MtE: Mt.airy-----	100	Very limited Seepage Slope Depth to bedrock	1.00 0.72 0.11	Somewhat limited Thin layer Seepage	0.86 0.19	Very limited Deep to water	1.00
NeB2: Neshaminy-----	100	Somewhat limited Seepage	0.53	Not limited		Very limited Deep to water	1.00
NeC2: Neshaminy-----	100	Somewhat limited Seepage Slope	0.53 0.01	Not limited		Very limited Deep to water	1.00
NsD3: Neshaminy-----	100	Somewhat limited Seepage Slope	0.53 0.12	Not limited		Very limited Deep to water	1.00
ReC2: Relay-----	100	Somewhat limited Seepage Depth to bedrock	0.70 0.03	Very limited Piping Thin layer	1.00 0.03	Very limited Deep to water	1.00
RuB2: Rumford-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.02	Very limited Deep to water	1.00
RuC2: Rumford-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.02	Very limited Deep to water	1.00
RuD2: Rumford-----	100	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.02	Very limited Deep to water	1.00
ScB: Sandy And Clayey Land-----	60	Not rated		Not rated		Not rated	
Sandy And Clayey Land-----	40	Not rated		Not rated		Not rated	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ScD: Sandy And Clayey Land-----	60	Not rated		Not rated		Not rated	
Sandy And Clayey Land-----	40	Not rated		Not rated		Not rated	
ScE: Sandy And Clayey Land-----	60	Not rated		Not rated		Not rated	
Sandy And Clayey Land-----	40	Not rated		Not rated		Not rated	
SfB2: Sassafras-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.04	Very limited Deep to water	1.00
SfC2: Sassafras-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.04	Very limited Deep to water	1.00
SfD2: Sassafras-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.04	Very limited Deep to water	1.00
SlB2: Sassafras-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.03	Very limited Deep to water	1.00
SlC2: Sassafras-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.03	Very limited Deep to water	1.00
SlD2: Sassafras-----	100	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.03	Very limited Deep to water	1.00
SsE: Sassafras-----	100	Very limited Seepage Slope	1.00 0.41	Somewhat limited Seepage	0.03	Very limited Deep to water	1.00
St: Stony Land-----	100	Not rated		Not rated		Not rated	
SuB2: Sunnyside-----	100	Very limited		Somewhat limited		Very limited	

Table WMS-1.--Water Management--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SuD2: Sunnyside-----	100	Seepage	1.00	Seepage	0.07	Deep to water	1.00
		Very limited Seepage	1.00	Somewhat limited Seepage	0.07	Very limited Deep to water	1.00
W: Water-----	100	Very limited Seepage Slope	1.00 0.50	Not limited		Very limited Deep to water	1.00
WaA: Watchung-----	100	Somewhat limited Seepage	0.53	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.47 0.10
WaB: Watchung-----	100	Somewhat limited Seepage	0.53	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.47 0.10
WoB2: Woodstown-----	95	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Seepage	0.84 0.12	Very limited Cutbanks cave Deep to water	1.00 0.07

