

(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
ArA: Abbottstown-----	70	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Very limited Deep to water	1.00
		Depth to bedrock	0.01	Piping Thin layer	0.11		
Readington-----	25	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
		Depth to bedrock	0.01	Depth to saturated zone	0.95		
				Thin layer	0.46		
ArB2: Abbottstown-----	70	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Very limited Deep to water	1.00
		Depth to bedrock	0.01	Piping Thin layer	0.11		
Readington-----	25	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
		Depth to bedrock	0.01	Depth to saturated zone	0.95		
				Thin layer	0.46		
BaA: Baile-----	100	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.97
				Piping	1.00	Cutbanks cave	0.10
BaB: Baile-----	100	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.97
				Piping	1.00	Cutbanks cave	0.10
Be: Bermudian-----	100	Very limited Seepage	1.00	Not limited		Very limited Cutbanks cave	1.00
						Deep to water	0.96
BrA: Birdsboro-----	100	Very limited Seepage	1.00	Very limited Piping	1.00	Somewhat limited Deep to water	0.81
						Cutbanks cave	0.10
BrB2: Birdsboro-----	100	Very limited Seepage	1.00	Very limited Piping	1.00	Somewhat limited Deep to water	0.81

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
Bs: Bowmansville-----	100	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.80	Cutbanks cave Very limited Cutbanks cave	0.10 1.00
BuA: Bucks-----	100	Somewhat limited Seepage Depth to bedrock	0.53 0.01	Very limited Piping Thin layer	1.00 0.46	Very limited Deep to water	1.00
BuB2: Bucks-----	100	Somewhat limited Seepage Depth to bedrock	0.53 0.01	Very limited Piping Thin layer	1.00 0.46	Very limited Deep to water	1.00
CaC2: Cardiff-----	100	Very limited Seepage Depth to bedrock	1.00 0.10	Somewhat limited Content of large stones Thin layer	0.74 0.11	Very limited Deep to water	1.00
CeA: Chester-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
CeB2: Chester-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
CeC2: Chester-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
CeC3: Chester-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.99	Very limited Deep to water	1.00
Ch: Codorus-----	95	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 1.00	Very limited Cutbanks cave	1.00
Cm: Comus-----	100	Very limited Seepage	1.00	Very limited Piping	1.00	Very limited Deep to water	1.00
CnA: Comus-----	100	Very limited Seepage	1.00	Very limited Piping	1.00	Very limited Deep to water	1.00
CnB: Comus-----	100	Very 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
		Seepage	1.00	Piping	1.00	Deep to water	1.00
CoA: Conestoga-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
CoB2: Conestoga-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
CoC2: Conestoga-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
CoC3: Conestoga-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
CoD3: Conestoga-----	100	Somewhat limited Seepage Slope	0.70 0.12	Somewhat limited Piping	0.01	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
ElB2: Elioak-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
ElC2: Elioak-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
EmD3: Elioak-----	100	Somewhat limited Seepage Slope	0.70 0.12	Somewhat limited Piping	0.83	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	1.00	Somewhat limited Piping	0.88	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
		Slope	0.01				
EsA: Elsinboro-----	100	Very limited Seepage	1.00	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
EsB2: Elsinboro-----	100	Very limited Seepage	1.00	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
EsC2: Elsinboro-----	100	Very limited Seepage Slope	1.00 0.01	Somewhat limited Piping	0.88	Very limited Deep to water	1.00
GcB2: Glenelg-----	100	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
GcC2: Glenelg-----	100	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
GcC3: Glenelg-----	100	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
GcD2: Glenelg-----	100	Somewhat limited Seepage Slope	0.70 0.12	Very limited Piping	1.00	Very limited Deep to water	1.00
GcD3: Glenelg-----	100	Somewhat limited Seepage Slope	0.70 0.12	Very limited Piping	1.00	Very limited Deep to water	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
GlB3: 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	0.70	Very limited Piping	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
GvA: Glenville-----	95	Slope	0.01				
		Somewhat limited Seepage	0.03	Very limited Depth to saturated zone Piping	1.00 1.00	Very limited Deep to water	1.00
GvB: Glenville-----	95	Somewhat limited Seepage	0.03	Very limited Depth to saturated zone Piping	1.00 1.00	Very limited Deep to water	1.00
HaA: Hagerstown-----	100	Somewhat limited Seepage	0.70	Somewhat limited Hard to pack	0.31	Very limited Deep to water	1.00
HaB2: Hagerstown-----	100	Somewhat limited Seepage	0.70	Somewhat limited Hard to pack	0.31	Very limited Deep to water	1.00
HaC2: Hagerstown-----	100	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Hard to pack	0.31	Very limited Deep to water	1.00
Ht: Hatboro-----	100	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 1.00	Very limited Cutbanks cave	1.00
KlB2: Klinesville-----	100	Somewhat limited Depth to bedrock Seepage	0.66 0.53	Very limited Thin layer	1.00	Very limited Deep to water	1.00
KsD4: Klinesville-----	100	Somewhat limited Depth to bedrock Seepage Slope	0.66 0.53 0.06	Very limited Thin layer	1.00	Very limited Deep to water	1.00
KsF3: Klinesville-----	100	Somewhat limited Slope Depth to bedrock Seepage	0.88 0.66 0.53	Very limited Thin layer	1.00	Very limited Deep to water	1.00
LbB2: Lewisberry-----	100	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
LbC2: Lewisberry-----	100	Very limited Seepage Slope	1.00 0.01	Not limited		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
LbD: Lewisberry-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
Le: Lindside-----	95	Very limited Seepage	1.00	Somewhat limited Piping Depth to saturated zone	0.98 0.95	Very limited Cutbanks cave Deep to water	1.00 0.02
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
LnC3: 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
LnE: 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	
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

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
MgD2: Manor-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
MgD3: Manor-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
MlB2: Manor-----	100	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
MlB3: Manor-----	100	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
MlC2: Manor-----	100	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
MlC3: Manor-----	100	Very limited Seepage Slope	1.00 0.01	Not limited		Very limited Deep to water	1.00
MlD2: Manor-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
MlD3: Manor-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
MlE: Manor-----	100	Very limited Seepage Slope	1.00 0.72	Not limited		Very limited Deep to water	1.00
MnC: Manor-----	100	Very limited Seepage	1.00	Not limited		Very limited Deep to water	1.00
MnD: Manor-----	100	Very limited Seepage Slope	1.00 0.12	Not limited		Very limited Deep to water	1.00
MnE: Manor-----	100	Very limited Seepage Slope	1.00 0.72	Not limited		Very limited Deep to water	1.00
MnF: Manor-----	100	Very limited		Not 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
		Slope Seepage	1.00 1.00			Deep to water	1.00
Mo: Melvin-----	100	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.88	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
MtA: 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
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 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
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
PeB2: Penn-----	100	Very limited Seepage Depth to bedrock	1.00 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
PhB2: Penn-----	100	Very limited Seepage Depth to bedrock	1.00 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
PhC2: Penn-----	100	Very limited Seepage Depth to bedrock Slope	1.00 0.11 0.01	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
PhC3: Penn-----	100	Very limited Seepage Depth to bedrock Slope	1.00 0.11 0.01	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
PnA2: Penn-----	100	Very limited Seepage Depth to bedrock	1.00 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
PnB2: Penn-----	100	Very limited Seepage Depth to bedrock	1.00 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
PnC2: Penn-----	100	Very limited Seepage Depth to bedrock Slope	1.00 0.11 0.01	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
PnC3: Penn-----	100	Very limited Seepage Depth to bedrock Slope	1.00 0.11 0.01	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
PoD: Penn-----	100	Very limited Seepage Slope Depth to bedrock	1.00 0.12 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
PsB2: Penn-----	50	Very limited Seepage Depth to bedrock	1.00 0.11	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
Steinsburg-----	30	Very limited Seepage Depth to bedrock	1.00 0.07	Somewhat limited Thin layer	0.79	Very limited Deep to water	1.00
PsC3: Penn-----	50	Very limited Seepage Depth to bedrock Slope	1.00 0.11 0.01	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
Steinsburg-----	30	Very limited Seepage Depth to bedrock Slope	1.00 0.07 0.01	Somewhat limited Thin layer	0.79	Very limited Deep to water	1.00
RaA: Raritan-----	95	Very limited Seepage	1.00	Very limited Depth to saturated zone	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
RaB: Raritan-----	95	Very limited Seepage	1.00	Piping Very limited Depth to saturated zone Piping	1.00 1.00 1.00	Very limited Deep to water	1.00
Ro: Rowland-----	95	Very limited Seepage	1.00	Very limited Piping Depth to saturated zone	1.00 1.00	Very limited Cutbanks cave Deep to water	1.00 0.01
StB2: Steinsburg-----	100	Very limited Seepage Depth to bedrock	1.00 0.07	Somewhat limited Thin layer	0.79	Very limited Deep to water	1.00
StD3: Steinsburg-----	100	Very limited Seepage Depth to bedrock Slope	1.00 0.07 0.06	Somewhat limited Thin layer	0.79	Very limited Deep to water	1.00
UrA: Urbana-----	95	Somewhat limited Depth to bedrock	0.01	Very limited Piping Depth to saturated zone Thin layer	1.00 1.00 0.11	Very limited Deep to water	1.00
UrB2: Urbana-----	95	Somewhat limited Depth to bedrock	0.01	Very limited Piping Depth to saturated zone Thin layer	1.00 1.00 0.11	Very limited Deep to water	1.00
Ws: Wiltshire-----	95	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.95 0.84	Very limited Deep to water	1.00

