CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST

All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States" (USDA Miscellaneous Publication No. 1491, June, 1991 as revised in the Federal Register, Vol. 60, No. 37, February 24, 1995). See the "Criteria for Hydric Soils" endnote to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
AmA: AURA LOAMY SAND, 0 TO 2 PERCENT SLOPES------	AURA (C)	No						400
AmB: AURA LOAMY SAND, 2 TO 5 PERCENT SLOPES------	AURA (C)	No						3000
ArA: AURA SANDY LOAM, 0 TO 2 PERCENT SLOPES------	AURA (C)	No						1100
ArB: AURA SANDY LOAM, 2 TO 5 PERCENT SLOPES------	AURA (C)	No						3000
AtB: AURA-DOWNER LOAMY SAND, 0 TO 5 PERCENT SLOPES----------	AURA (C)	No						1054
	DOWNER (C)	No						646
AvB: AURA-DOWNER SANDY LOAMS, 0 TO 5 PERCENT SLOPES----------	AURA (C)	No						744
	DOWNER (C)	No						456

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
Ax:								
AURA-URBAN LAND COMPLEX----------								
	AURA (C)	No						155
	URBAN LAND(C)	No						95
Ca:								
CLAY PITS----------								
	CLAY PITS (C)	No						100
Cm:								
COLEMANTOWN LOAM------								
	COLEMANTOWN (C)	Yes	Depression	2B3	YES	NO	NO	200
CoA:								
COLLINGTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES----------								
	COLLINGTON(C)	No						800
CoB:								
COLLINGTON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES----------								
	COLLINGTON(C)	No						600
DUMP:								
DUMP----------								
	DUMP (C)	No						20
DoA:								
DOWNER LOAMY SAND, 0 TO 5 PERCENT SLOPES---								
	DOWNER (C)	No						18500

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
DrA: DOWNER LOAMY SAND, CLAYEY SUBSTRATUM, 0 TO 5 PERCENT SLOPES---	DOWNER (C)	No						300
DsA: DOWNER SANDY LOAM, 0 TO 2 PERCENT SLOPES---	DOWNER (C)	No						800
DsB: DOWNER SANDY LOAM, 2 TO 5 PERCENT SLOPES---	DOWNER (C)	No						900
DtC: DOWNER SOILS, 5 TO 10 PERCENT SLOPES--------	DOWNER (C)	No						1000
DxC: DOWNER-AURA COMPLEX, 5 TO 10 PERCENT SLOPES--	DOWNER (C)	No						248
	AURA (C)	No						152
Fd: FALLSINGTON SANDY LOAM	FALLSINGTON (C)	Yes	Depression	2B3	YES	NO	NO	1300
FfA: FREEHOLD FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES----------	FREEHOLD (C)	No						1000

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
FfB: FREEHOLD FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	FREEHOLD (C)	No						2500
FfC: FREEHOLD FINE SANDY LOAM, 5 TO 10 PERCENT SLOPES	FREEHOLD (C)	No						700
FhB: FREEHOLD LOAMY FINE SAND, 0 TO 5 PERCENT SLOPES	FREEHOLD (C)	No						2000
FhC: FREEHOLD LOAMY FINE SAND, 5 TO 10 PERCENT SLOPES	FREEHOLD (C)	No						300
FnB: FREEHOLD SAND, THICK SURFACE VARIANT, 0 TO 5 PERCENT SLOPES	FREEHOLD (C)	No						500
FsE: FREEHOLD SOILS, 15 TO 30 PERCENT SLOPES	FREEHOLD (C)	No						400

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	Acres
FtD:								
FREEHOLD AND COLLINGTON SOILS, 10 TO 15 PERCENT SLOPES--								
	FREEHOLD (C)	No						200
	COLLINGTON(C)	No						200
FxB:								
FREEHOLD-DOWNER-URBANL AND COMPLEX, GENTLY SLOPING----------								
	FREEHOLD (C)	No						4902
	DOWNER (C)	No						4902
	URBANLAND (C)	No						3445
FxC:								
FREEHOLD-DOWNER-URBANL AND COMPLEX, SLOPING--								
	FREEHOLD (C)	No						111
	DOWNER (C)	No						111
	URBANLAND (C)	No						78
Fy:								
FREEHOLD-DOWNER-URBANL AND COMPLEX, CLAYEY SUBSTRATA----------								
	FREEHOLD (C)	No						481
	DOWNER (C)	No						481
	URBANLAND (C)	No						338
HdA:								
HOLMDEL FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES----------								
	HOLMDEL (C)	No						3000
	LEON (I)	Yes	Depression	2B3	YES	NO	NO	
	SHREWSBURY(I)	Yes	Depression	2B3	YES	NO	NO	

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	Acres
HfA:								
HOLMDEL LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES----------								
	HOLMDEL (C)	No						300
	LEON (I)	Yes	Depression	2B3	YES	NO	NO	
	SHREWSBURY(I)	Yes	Depression	2B3	YES	NO	NO	
Hm:								
HOLMDEL, CLAYEY SUBSTRATUM-URBAN LAND COMPLEX----------								
	HOLMDEL (C)	No						248
	URBAN LAND(C)	No						152
Hn:								
HOLMDEL-URBAN LAND COMPLEX----------								
	HOLMDEL (C)	No						620
	URBAN LAND(C)	No						380
HoB:								
HOWELL-URBAN LAND COMPLEX, GENTLY SLOPING----------								
	HOWELL (C)	No						806
	URBAN LAND(C)	No						494
HoC:								
HOWELL-URBAN LAND COMPLEX, SLOPING------								
	HOWELL (C)	No						62
	URBAN LAND(C)	No						38
KmA:								
KLEJ LOAMY SAND, 0 TO 2 PERCENT SLOPES------								
	KLEJ (C)	No						300
	LEON (I)	Yes	Depression	2B3	YES	NO	NO	

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
KrA: KRESSON SANDY LOAM, 0 TO 3 PERCENT SLOPES---								
	KRESSON (C)	No						250
	COLEMANTOWN (I)	Yes	Depression	2B3	YES	NO	NO	
LaA: LAKEHURST SAND, 0 TO 3 PERCENT SLOPES--------								
	LAKEHURST (C)	No						2350
	LEON (I)	Yes	Depression	2B3	YES	NO	NO	
LbA: LAKEHURST-LAKEWOOD ASSOCIATION, 0 TO 5 PERCENT SLOPES--------								
	LAKEHURST (C)	No						2108
	LAKEWOOD (C)	No						1292
LcB: LAKELAND FINE SAND, FIRM SUBSTRATUM 0 TO 5 PERCENT SLOPES--------								
	LAKELAND (C)	No						2300
LdA: LAKELAND SAND, 0 TO 5 PERCENT SLOPES--------								
	LAKELAND (C)	No						1500
LeA: LAKELAND SAND, WATER TABLE, 0 TO 2 PERCENT SLOPES----------								
	LAKELAND (C)	No						500

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
LfB: LAKEWOOD FINE SAND, 0 TO 5 PERCENT SLOPES---	LAKEWOOD (C)	No						1000
LfC: LAKEWOOD FINE SAND, 5 TO 10 PERCENT SLOPES--	LAKEWOOD (C)	No						500
LfD: LAKEWOOD FINE SAND, 10 TO 25 PERCENT SLOPES--	LAKEWOOD (C)	No						200
LgB: LAKEWOOD SAND, 0 TO 5 PERCENT SLOPES--------	LAKEWOOD (C)	No						8000
LgC: LAKEWOOD SAND, 5 TO 10 PERCENT SLOPES--------	LAKEWOOD (C)	No						700
LhE: LAKEWOOD AND LAKELAND SANDS, 10 TO 30 PERCENT SLOPES--------	LAKEWOOD (C)	No						1000
	LAKELAND (C)	No						1000
Lo: LEON SAND----------	LEON (C)	Yes	Depression	2B3	YES	NO	NO	3000
Ls: LEON-ST. JOHNS SANDS--	LEON (C)	Yes	Depression	2B3	YES	NO	NO	2170
	ST. JOHNS (C)	Yes	Depression	2B3,3	YES	NO	YES	1330

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
Lv:								
LOAMY ALLUVIAL LAND---								
	LOAMY ALLUVIAL LAND (C)	Yes	Flood Plain	2B3	YES	NO	NO	2300
Ma:								
MADE LAND----------								
	MADE LAND (C)	No						1500
McC3:								
MARLTON SOILS, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED-------								
	MARLTON (C)	No						100
Mk:								
MARLTON AND KRESSON-URBAN LAND COMPLEX----------								
	MARLTON (C)	No						296
	KRESSON (C)	No						296
	URBANLAND (C)	No						208
MmB:								
MATAWAN LOAMY SAND, 0 TO 5 PERCENT SLOPES---								
	MATAWAN (C)	No						250
MnA:								
MATAWAN SANDY LOAM, 0 TO 2 PERCENT SLOPES---								
	MATAWAN (C)	No						300
MnB:								
MATAWAN SANDY LOAM, 2 TO 5 PERCENT SLOPES---								
	MATAWAN (C)	No						150

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	Acres
Mo:								
MODERATELY WET LAND---								
	MODERATELY WET LAND (C)	No						400
MrA:								
MARLTON SANDY LOAM, 0 TO 2 PERCENT SLOPES---								
	MARLTON (C)	No						300
MrB:								
MARLTON SANDY LOAM, 2 TO 5 PERCENT SLOPES---								
	MARLTON (C)	No						300
Mu:								
MUCK----------								
	MUCK (C)	Yes	Bog	1,3	YES	NO	YES	6700
NbA:								
NIXONTON AND BARCLAY FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES------								
	NIXONTON (C)	No						247
	BARCLAY (C)	No						202
	PASQUOTANK(I)	Yes	Depression	2B3	YES	NO	NO	
NcA:								
NIXONTON AND BARCLAY LOAMY FINE SANDS, 0 TO 5 PERCENT SLOPES------								
	NIXONTON (C)	No						192
	BARCLAY (C)	No						157
	PASQUOTANK(I)	Yes	Depression	2B3	YES	NO	NO	
Pa:								
PASQUOTANK FINE SANDY LOAM----------								
	PASQUOTANK(C)	Yes	Depression	2B3	YES	NO	NO	2000

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	Acres
Pc:								
PASQUOTANK-WEEKSVILLE-URBANLAND COMPLEX-----								
	PASQUOTANK(C)	Yes	Depression	2B3	YES	NO	NO	259
	WEEKSVILLE(C)	Yes	Depression	2B3	YES	NO	NO	259
	URBANLAND (C)	No						182
Ps:								
POCOMOKE SANDY LOAM---								
	POCOMOKE (C)	Yes	Depression	2B3	YES	NO	NO	800
Sa:								
ST. JOHNS SAND--------								
	ST. JOHNS (C)	Yes	Depression	2B3,3	YES	NO	YES	1000
Sc:								
ST. JOHNS SAND, CLAYEY SUBSTRATUM----------								
	ST. JOHNS (C)	Yes	Depression	2B3,3	YES	NO	YES	500
Sg:								
SAND AND GRAVEL PITS--								
	PITS (C)	No						1500
Sv:								
SANDY ALLUVIAL LAND---								
	SANDY ALLUVIAL LAND (C)	Yes	Flood Plain	2B2	YES	NO	NO	2000
Sw:								
SHREWSBURY FINE SANDY LOAM----------								
	SHREWSBURY(C)	Yes	Depression	2B3	YES	NO	NO	1000
Sx:								
SHREWSBURY-URBAN LAND COMPLEX----------								
	SHREWSBURY(C)	Yes	Depression	2B3	YES	NO	NO	155
	URBAN LAND(C)	No						95

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	Acres
Tm:								
TIDAL MARSH-MADE LAND COMPLEX----------								
	TIDAL MARSH (C)	Yes	Tidal Flat	1,3	YES	NO	YES	186
	MADE LAND (C)	No						114
UR:								
UNMAPPED CITY OF CAMDEN----------								
	URBAN LAND(C)	No						13650
Um:								
URBAN-MODERATELY WET LAND COMPLEX----------								
	URBAN LAND(C)	No						620
	MODERATELY WET LAND (C)	No						380
W:								
WATER (LESS THAN 40 ACRES)----------								
	ERROR: There is no hydcomp record for component NJ007 007W 1							
WATER:								
WATER (GREATER THAN 40 ACRES)----------								
	ERROR: There is no hydcomp record for component NJ007 007WATER 1							
WaB:								
WESTPHALIA FINE SANDY LOAM, 0 TO 5 PERCENT SLOPES----------								
	WESTPHALIA(C)	No						700
Wd:								
WEEKSVILLE FINE SANDY LOAM----------								
	WEEKSVILLE(C)	Yes	Depression	2B3	YES	NO	NO	300

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
WfB: WESTPHALIA LOAMY FINE SAND, 0 TO 5 PERCENT SLOPES	WESTPHALIA(C)	No						800
WfC: WESTPHALIA LOAMY FINE SAND, 5 TO 10 PERCENT SLOPES	WESTPHALIA(C)	No						300
WhD: WESTPHALIA SOILS, 10 TO 20 PERCENT SLOPES	WESTPHALIA(C)	No						350
WhD3: WESTPHALIA SOILS, 10 TO 20 PERCENT SLOPES, SEVERELY ERODED	WESTPHALIA(C)	No						150
Wr: WESTPHALIA-NIXONTON-URBANLAND COMPLEX	WESTPHALIA(C)	No						1480
	NIXONTON (C)	No						1480
	URBANLAND (C)	No						1040
WsA: WOODSTOWN AND DRAGSTON SANDY LOAMS, 0 TO 3 PERCENT SLOPES	WOODSTOWN (C)	No						400
	DRAGSTON (C)	No						400
	FALLSINGTON (I)	Yes	Depression	2B3	YES	NO	NO	

CAMDEN COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
WtA:								
WOODSTOWN AND KLEJ LOAMY SANDS, 0 TO 3 PERCENT SLOPES--------								
	WOODSTOWN (C)	No						1150
	KLEJ (C)	No						1150
	LEON (I)	Yes	Depression	2B3	YES	NO	NO	
WuA:								
WOODSTOWN AND KLEJ LOAMY SANDS, CLAYEY SUBSTRATA, 0 TO 3 PERCENT SLOPES--------								
	WOODSTOWN (C)	No						150
	KLEJ (C)	No						150
	LEON (I)	Yes	Depression	2B3	YES	NO	NO	

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use and management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.

HYDRIC SOILS CRITERIA CODES AND DEFINITIONS

1. All Histosols, except Folists, or

2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:

a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or

b. Poorly drained or very poorly drained and have either:

(1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in), or for other soils

(2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 in, or

(3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or

3. Soils that are frequently ponded for long duration or very long duration during the growing season, or

4. Soils that are frequently flooded for long duration or very long duration during the growing season.