

ZONING REGULATIONS

500 Attachment 2

Town of Killingworth

Appendix A Soil Classes

- A. Soil classes.* All symbols are those for the detailed Soil Survey of Middlesex County, Connecticut. Degrees of limitation for septic tank absorption fields are as defined in the Soil Survey. Potentials of soils for waste disposal are as described in Soil Interpretations for Waste Disposal. **[Amended 5-18-2004]**

Class	Symbol	Characteristics and Limitations
A	CbB, CsB	Slight limitations/high potential
	CcB, CcC, CsC	Moderate limitations/high potential
	CrC, CyC	Moderate limitations/medium potential
B	CdC, CdD, LpA, LpB, LuB, PbB, PbC, PdD, PdB, PdC, PeC, PeD, WkB, WkC, WkD, WmB, WmC, WxA, WxB, WyA, WyB	Severe limitations/medium potential
C	AfA, AfB, BoA, BoB, HfA, HfB, MgA, MyA, MyB, PnA, PnB, WvA, WvB	Slight limitations/low potential Because of rapid permeability, groundwater may become polluted.
	BoC, HkC, MgC	Moderate limitations/low potential Because of rapid permeability, groundwater may become polluted.
	BcA, EfA, HmE, LvC, NnA, SgA, WzA, WzC, YaB, YaC	Severe limitations/low potential
D	Ba, UD, Ur, Pr	Disturbed soils, variable in nature. On-site investigation by a licensed soil scientist is necessary for determining limitations and practices necessary to overcome them.
E	Rb, St, Wr	Severe limitations/low potential, inland wetlands soils
	Aa, Ce, Lg, Ps, Ru, Rv, Sb, Sc, Wd, We, Wh, Wt	Severe limitations/very low potential, inland wetlands soils
F	HpE, HrC, HsE, HuD, HyC, HzE, Rp	Severe limitations/very low potential, 14 inches or less to bedrock, rock outcrop

- * The classification of any soil not listed here shall be determined by the Commission based on the Soil Survey of Middlesex County and Soil Interpretations for Waste Disposal.

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B. Soil Legend, Middlesex County.

New Symbol	Old Symbol	Name
Aa	91	Adrian muck
AfA	69A	Agawam fine sandy loam, 0 to 3% slopes
AfB	69B, 65B, 65C	Agawam fine sandy loam, 3 to 8% slopes
Ba	BL	Beaches-Udipsamments complex
BcA	156	Berlin silt loam, 0 to 5% slopes
BoA	138A	Branford silt loam, 0 to 3% slopes
BoB	138B	Branford silt loam, 3 to 8% slopes
BoC	138C	Branford silt loam, 8 to 15% slopes
CbB	63, 32B	Canton and Charlton fine sandy loams, 3 to 8% slopes
CcB	6XB, 32XB	Canton and Charlton very stony fine sandy loams, 3 to 8% slopes
CCC	6XC	Canton and Charlton very stony fine sandy loams, 8 to 15% slopes
CdC	6MC	Canton and Charlton extremely stony fine sandy loams, 3 to 15% slopes
CdD	6MD	Canton and Charlton extremely stony fine sandy loams, 15 to 35% slopes
Ce	92	Carlisle muck
CrC	17LC	Charlton-Hollis very stony fine sandy loams, 3 to 15% slopes
CsB	37B	Cheshire silt loam, 3 to 8% slopes
CsC	37C	Cheshire silt loam, 8 to 15% slopes
CyC	94LC	Cheshire-Holyoke very stony silt loams, 3 to 15% slopes
EfA	76A	Ellington fine sandy loam, 0 to 5% slopes
HfA	7A	Hartford sandy loam, 0 to 3% slopes
HfB	7B	Hartford sandy loam, 3 to 8% slopes
HkC	60C	Hinckley gravelly sandy loam, 3 to 15% slopes
HmE	158	Hinckley and Manchester soils, 15 to 45% slopes
HpE	17LD	Hollis-Charlton extremely stony fine sandy loams, 15 to 40% slopes
HrC	17ZC	Hollis-Rock outcrop complex, 3 to 15% slopes
HsE	17ZD	Hollis-Rock outcrop complex, 15 to 40% slopes
HuD	94LD	Holyoke-Cheshire very stony silt loams, 15 to 35% slopes
HyC	94MC	Holyoke-Rock outcrop complex, 3 to 15% slopes
HZE	94MD	Holyoke-Rock outcrop complex, 15 to 40% slopes

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New Symbol	Old Symbol	Name
LG	43M	Leicester, Ridgebury and Whitman extremely stony fine sandy loams
LpA	56A	Ludlow silt loam, 0 to 3% slopes
LpB	56B	Ludlow silt loam, 3 to 8% slopes
LuB	56XB	Ludlow very stony silt loam, 3 to 8% slopes
LvC	56MC	Ludlow extremely stony silt loam, 3 to 15% slopes
MgA	62A	Manchester gravelly sandy loam, 0 to 3% slopes
MgC	62C	Manchester gravelly sandy loam, 3 to 15% slopes
MyA	70A, 60A	Marrimac sandy loam, 0 to 3% slopes
MyB	70B	Merrimac sandy loam, 3 to 10% slopes
NnA	45A, 45B	Ninigret fine sandy loam, 0 to 5% slopes
PbB	35B	Paxton and Montauk fine sandy loams, 3 to 8% slopes
PbC	35C	Paxton and Montauk fine sandy loams, 8 to 15% slopes
PbD	35D	Paxton and Montauk fine sandy loams, 15 to 25% slopes
PdB	35XB, 35A	Paxton and Montauk very stony fine sandy loams, 3 to 8% slopes
PdC	35XC	Paxton and Montauk very stony fine sandy loams, 8 to 15% slopes
PeC	35MC	Paxton and Montauk extremely stony fine sandy loams, 3 to 15% slopes
PeD	35MD	Paxton and Montauk extremely stony fine sandy loams, 15 to 35% slopes
PnA	1A	Penwood loamy sand, 0 to 3% slopes
PnB	1B	Penwood loamy sand, 3 to 8% slopes
Pr	GP	Pits, gravel
Ps	816	Podunk fine sandy loam
Rb	640	Raypol silt loam
Rp	08R	Rock outcrop-Hollis complex
Ru	855	Rumney fine sandy loam
Rv	83V	Rumney Variant silt loam
Sb	823	Saco silt loam
Sc	754	Scarboro mucky loam fine sand
SgA	456A	Sudbury sandy loam, 0 to 5% slopes
St	807	Suncook loamy sand
UD	ML2, ML1	Udorthents-Urban land complex
Ur	UL	Urban land
Wd	464	Walpole sandy loam

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New Symbol	Old Symbol	Name
We	TM	Westbrook mucky peat
Wh	TME	Westbrook mucky peat, low salt
WkB	38B	Wethersfield loam, 3 to 8% slopes
WkC	38C	Wethersfield loam, 8 to 15% slopes
WkD	38D	Wethersfield loam, 15 to 35% slopes
WmB	38XB	Wethersfield very stony loam, 3 to 8% slopes
WmC	38XC	Wethersfield very stony loam, 8 to 15% slopes
WnC	38MC	Wethersfield extremely stony loam, 3 to 15% slopes
Wr	284	Wilbraham silt loam
Wt	284M	Wilbraham extremely stony silt loam
WvA	67A	Windsor loamy sand, 0 to 3% slopes
WvB	67B	Windsor loamy sand, 3 to 8% slopes
WxA	31A	Woodbridge fine sandy loam, 0 to 3% slopes
WxB	31B	Woodbridge fine sandy loam, 3 to 8% slopes
way	31XA	Woodbridge very stony fine sandy loam, 0 to 3% slopes
WyB	31XB, 31XC	Woodbridge very stony fine sandy loam, 3 to 8% slopes
WzA	31MA	Woodbridge extremely stony fine sandy loam, 0 to 3% slopes
WzC	31MC, 31MD	Woodbridge extremely stony fine sandy loam, 3 to 15% slopes
YaB	33B	Yalesville fine sandy loam, 3 to 8% slopes
YaC	33C	Yalesville fine sandy loam, 8 to 15% slopes