

**ESSEX COUNTY ANCILLARY SOIL RATINGS FOR RESIDENTIAL ON-SITE WASTE DISPOSAL  
NATURAL RESOURCES CONSERVATION SERVICE  
DRAFT COPY - JANUARY 10, 2005**

Note: MUID includes the three digit county FIPS code plus the map unit symbol. Some are preceded by one or two zeros.

<b>MUID</b>	<b>MUNAME</b>	<b>2003 ON-SITE CLASS</b>
009003A	CHARLES SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	IVa
009004A	MEDOMAK MUCKY SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	IVa
009006A	ADAMS LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	Ia
009006B	ADAMS LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES	Ia
009006C	ADAMS LOAMY FINE SAND, 8 TO 15 PERCENT SLOPES	Ia
009006D	ADAMS LOAMY FINE SAND, 15 TO 25 PERCENT SLOPES	Ib
009006E	ADAMS LOAMY FINE SAND, 25 TO 60 PERCENT SLOPES	Ile
009007B	SALMON SILT LOAM, 3 TO 8 PERCENT SLOPES	Ic
009007C	SALMON SILT LOAM, 8 TO 15 PERCENT SLOPES	Ic
009007D	SALMON SILT LOAM, 15 TO 25 PERCENT SLOPES	Id
009007E	SALMON SILT LOAM, 25 TO 50 PERCENT SLOPES	IIf
009008A	NICHOLVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES	IIh
009008B	NICHOLVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	IIh
009008C	NICHOLVILLE SILT LOAM, 8 TO 15 PERCENT SLOPES	IIh
009008D	NICHOLVILLE SILT LOAM, 15 TO 25 PERCENT SLOPES	IIle
009009A	ROUNDBOUT SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
009011A	SHEEPCOT GRAVELLY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IIh
009011B	SHEEPCOT GRAVELLY FINE SANDY LOAM, 3 TO 8 PERCENT	IIh
009011C	SHEEPCOT GRAVELLY FINE SANDY LOAM, 8 TO 15 PERCENT	IIh
009012A	MOOSILAUKE VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IVa
009013A	SEARSPORT MUCK, 0 TO 3 PERCENT SLOPES	IVa
009014B	VERSHIRE-LOMBARD COMPLEX, 3 TO 8 PERCENT SLOPES, ROCKY	IIc
009014C	VERSHIRE-LOMBARD COMPLEX, 8 TO 15 PERCENT SLOPES, ROCKY	IIc
009014D	VERSHIRE-LOMBARD COMPLEX, 15 TO 25 PERCENT SLOPES, ROCKY	IId
009014E	VERSHIRE-LOMBARD COMPLEX, 25 TO 35 PERCENT SLOPES, ROCKY	IVb
009016B	DUMMERSTON VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
009016C	DUMMERSTON VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
009016D	DUMMERSTON VERY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Id
009016E	DUMMERSTON VERY FINE SANDY LOAM, 25 TO 35 PERCENT SLOPES	IIf
009017B	DUMMERSTON VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	Ic
009017C	DUMMERSTON VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
009017D	DUMMERSTON VERY FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	Id
009017E	DUMMERSTON VERY FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IIf
009020B	BUCKLAND VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIIc
009020C	BUCKLAND VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	IIId
009020D	BUCKLAND VERY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	IIIe
009021B	BUCKLAND VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	IIIc
009021C	BUCKLAND VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIId
009021D	BUCKLAND VERY FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
009021E	BUCKLAND VERY FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IVd
009022B	CABOT SILT LOAM, 3 TO 8 PERCENT SLOPES	IVa
009022C	CABOT SILT LOAM, 8 TO 15 PERCENT SLOPES	IIId
009023B	CABOT SILT LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	IVa
009023C	CABOT SILT LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIId
009024A	PEACHAM MUCK, 0 TO 3 PERCENT SLOPES, VERY STONY	IVa
009027A	BUCKSPORT MUCK, 0 TO 2 PERCENT SLOPES	IVa
009030A	ONDAWA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Ilg
009031A	PODUNK FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	IIIf
009032A	COLTON-DUXBURY COMPLEX, 0 TO 3 PERCENT SLOPES	Ia
009032B	COLTON-DUXBURY COMPLEX, 3 TO 8 PERCENT SLOPES	Ia
009032C	COLTON-DUXBURY COMPLEX, 8 TO 15 PERCENT SLOPES	Ia
009032D	COLTON-DUXBURY COMPLEX, 15 TO 25 PERCENT SLOPES	Ib
009032E	COLTON-DUXBURY COMPLEX, 25 TO 60 PERCENT SLOPES	Ile
009038A	CROGHAN LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	IIh

009038B	CROGHAN LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES	IIh
009042A	RUMNEY VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	IVa
009046B	LAMOINE SILT LOAM, 3 TO 8 PERCENT SLOPES	IIIc
009046C	LAMOINE SILT LOAM, 8 TO 15 PERCENT SLOPES	IIId
009046D	LAMOINE SILT LOAM, 15 TO 25 PERCENT SLOPES	IIIe
009046E	LAMOINE SILT LOAM, 25 TO 50 PERCENT SLOPES	IVd
009047A	SCANTIC SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
009050A	WONSQUEAK AND PONDICHERY MUCKS, 0 TO 2 PERCENT SLOPES	IVa
009055A	PEACHAM MUCK, 0 TO 3 PERCENT SLOPES	IVa
009056B	VERSHIRE-GLOVER COMPLEX, 3 TO 8 PERCENT SLOPES, VERY ROCKY	IIC
009056C	VERSHIRE-GLOVER COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIC
009056D	VERSHIRE-GLOVER COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IId
009056E	VERSHIRE-GLOVER COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
009058B	TUNBRIDGE-LYMAN COMPLEX, 3 TO 8 PERCENT SLOPES, ROCKY	IIC
009058C	TUNBRIDGE-LYMAN COMPLEX, 8 TO 15 PERCENT SLOPES, ROCKY	IIC
009058D	TUNBRIDGE-LYMAN COMPLEX, 15 TO 25 PERCENT SLOPES, ROCKY	IId
009061B	TUNBRIDGE-LYMAN COMPLEX, 3 TO 8 PERCENT SLOPES, VERY ROCKY	IIC
009061C	TUNBRIDGE-LYMAN COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIC
009061D	TUNBRIDGE-LYMAN COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IId
009061E	TUNBRIDGE-LYMAN COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
009063B	TUNBRIDGE-BERKSHIRE COMPLEX, 3 TO 8 PERCENT SLOPES, ROCKY	IIC
009063C	TUNBRIDGE-BERKSHIRE COMPLEX, 8 TO 15 PERCENT SLOPES, ROCKY	IIC
009063D	TUNBRIDGE-BERKSHIRE COMPLEX, 15 TO 25 PERCENT SLOPES, ROCKY	IId
009064B	BERKSHIRE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
009064C	BERKSHIRE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
009064D	BERKSHIRE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Id
009065C	BERKSHIRE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
009065D	BERKSHIRE FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	Id
009065E	BERKSHIRE FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IIf
009072B	COLONEL-CABOT COMPLEX, 3 TO 8 PERCENT SLOPES	IIIc
009072C	COLONEL-CABOT COMPLEX, 8 TO 15 PERCENT SLOPES	IIId
009072D	COLONEL FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	IIIe
009073B	COLONEL-CABOT COMPLEX, 3 TO 8 PERCENT SLOPES, VERY STONY	IIIc
009073C	COLONEL-CABOT COMPLEX, 8 TO 15 PERCENT SLOPES, VERY STONY	IIId
009073D	COLONEL FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
009074B	MONADNOCK FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
009074C	MONADNOCK FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
009074D	MONADNOCK FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Id
009075C	MONADNOCK FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
009075D	MONADNOCK FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	Id
009075E	MONADNOCK FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IIf
009081D	RICKER-LONDONDERRY-STRATTON COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IVc
009081E	RICKER-LONDONDERRY-STRATTON COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
009082F	RICKER-LONDONDERRY-ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES	IVb
009085C	DIXFIELD FINE SANDY LOAM, 3 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	IIh
009085D	DIXFIELD FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, EXTREMELY BOULDERY	IIIe
009086C	CABOT SILT LOAM, 3 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	IIId
009087C	COLONEL-CABOT COMPLEX, 3 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	IIId
009088C	HOUGHTONVILLE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
009089D	MUNDAL FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
009092C	HOGBACK-RAWSONVILLE COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIIa
009092D	HOGBACK-RAWSONVILLE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IIIa
009092E	HOGBACK-RAWSONVILLE COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
009094D	HOUGHTONVILLE FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY BOULDERY	Id
009100	PITS, SAND AND PITS, GRAVEL	V
009102	PITS, QUARRY-DUMPS, MINE COMPLEX	V
009103	UDORTHERTS LOAMY	V
009104B	URBAN LAND-ADAMS-NICHOLVILLE COMPLEX, 0 TO 8 PERCENT SLOPES	V
009104C	URBAN LAND-ADAMS-NICHOLVILLE COMPLEX, 8 TO 15 PERCENT SLOPES	V
009104D	URBAN LAND-ADAMS-NICHOLVILLE COMPLEX, 15 TO 25 PERCENT SLOPES	V

009104E	URBAN LAND-ADAMS-NICHOLVILLE COMPLEX, 25 TO 60 PERCENT SLOPES	V
009105D	LYMAN-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	IVc
009105E	LYMAN-ROCK OUTCROP COMPLEX, 35 TO 60 PERCENT SLOPES, VERY STONY	IVb
009105F	LYMAN-ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES, VERY STONY	IVb
009159B	DIXFIELD FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIh
009159C	DIXFIELD FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	IIh
009159D	DIXFIELD FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	IIIe
009160B	DIXFIELD FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	IIh
009160C	DIXFIELD FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIh
009160D	DIXFIELD FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
009160E	DIXFIELD FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IVd
009163B	TUNBRIDGE-BERKSHIRE COMPLEX, 3 TO 8 PERCENT SLOPES, VERY STONY	IIc
009163C	TUNBRIDGE-BERKSHIRE COMPLEX, 8 TO 15 PERCENT SLOPES, VERY STONY	IIc
009163D	TUNBRIDGE-BERKSHIRE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	IIId
009163E	TUNBRIDGE-BERKSHIRE COMPLEX, 35 TO 60 PERCENT SLOPES, VERY STONY	IVb
009165D	BERKSHIRE FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, EXTREMELY BOULDERY	Id
009165E	BERKSHIRE FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, EXTREMELY BOULDERY	IIIf
009175C	MONADNOCK FINE SANDY LOAM, 3 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	Ic
009195B	SUNAPEE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPE, VERY STONY	IIh
009195C	SUNAPEE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPE, VERY STONY	IIh
009207B	SALMON-ADAMANT COMPLEX, 3 TO 8 PERCENT SLOPES, VERY ROCKY	IIc
009207C	SALMON-ADAMANT COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIc
009207D	SALMON-ADAMANT COMPLEX, 15 TO 25 PERCENT SLOPES, VERY ROCKY	IIId
009207E	SALMON-ADAMANT COMPLEX, 25 TO 50 PERCENT SLOPES, VERY ROCKY	IVb
009214B	VERSHIRE-DUMMERSTON COMPLEX, 3 TO 8 PERCENT SLOPES, VERY STONY	IIc
009214C	VERSHIRE-DUMMERSTON COMPLEX, 8 TO 15 PERCENT SLOPES, VERY STONY	IIc
009214D	VERSHIRE-DUMMERSTON COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	IIId
009214E	VERSHIRE-DUMMERSTON COMPLEX, 35 TO 60 PERCENT SLOPES, VERY STONY	IVb
009250A	IRASBURG LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	IIh
009250B	IRASBURG LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES	IIh
009250C	IRASBURG LOAMY FINE SAND, 8 TO 15 PERCENT SLOPES	IIh
009250D	IRASBURG LOAMY FINE SAND, 15 TO 25 PERCENT SLOPES	IIIe
009250E	IRASBURG LOAMY FINE SAND, 25 TO 50 PERCENT SLOPES	IVd
009264C	MONADNOCK-TUNBRIDGE COMPLEX, 8 TO 15 PERCENT SLOPES, ROCKY	IIc
009264D	MONADNOCK-TUNBRIDGE COMPLEX, 15 TO 25 PERCENT SLOPES, ROCKY	IIId
009362B	TUNBRIDGE-DIXFIELD COMPLEX, 3 TO 8 PERCENT SLOPES, ROCKY	IIIIf
009362C	TUNBRIDGE-DIXFIELD COMPLEX, 8 TO 15 PERCENT SLOPES, ROCKY	IIIIf
009362D	TUNBRIDGE-DIXFIELD COMPLEX, 15 TO 25 PERCENT SLOPES, ROCKY	IIIIf
009363B	TUNBRIDGE-DIXFIELD COMPLEX, 3 TO 8 PERCENT SLOPES, VERY STONY	IIIIf
009363C	TUNBRIDGE-DIXFIELD COMPLEX, 8 TO 15 PERCENT SLOPES, VERY STONY	IIIIf
009363D	TUNBRIDGE-DIXFIELD COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIIf
009363E	TUNBRIDGE-DIXFIELD COMPLEX, 35 TO 60 PERCENT SLOPES, VERY STONY	IVb
009900	DENIED ACCESS	V
009W	WATER	V

## **BRIEF SUMMARY OF RATINGS GROUPS**

- Ia. WELL SUITED - Soil map units with rapid permeability**
- Ib. WELL SUITED - Soil map units with rapid permeability and limited slope**
- Ic. WELL SUITED - Soil map units with moderate permeability**
- Id. WELL SUITED - Soil map units with moderate permeability and limited slope**
- IIa. MODERATELY SUITED - Soil map units with slow permeability**
- IIb. MODERATELY SUITED - Soil map units with slow permeability and limited slope**
- IIc. MODERATELY SUITED - Soil map units with moderate depth to bedrock**
- IId. MODERATELY SUITED - Soil map units with moderate depth to bedrock and limited slope**
- IIe. MODERATELY SUITED - Soil map units with rapid permeability and steep slope**
- IIf. MODERATELY SUITED - Soil map units with moderate permeability and steep slope**
- IIg. MODERATELY SUITED - Soil map units with flooding limitation**
- IIh. MODERATELY SUITED - Soil map units with moderate depth to seasonal high water table (SHWT)**
- IIIa. MARGINALLY SUITED - Soil map units with marginal depth to bedrock**
- IIIb. MARGINALLY SUITED - Soil map units with flooding limitation and moderate depth to SHWT**
- IIIc. MARGINALLY SUITED - Soil map units with marginal depth to SHWT and gentle slope**
- IIId. MARGINALLY SUITED - Soil map units with marginal depth to SHWT and moderate slope**
- IIIe. MARGINALLY SUITED - Soil map units with marginal depth to SHWT and limited slope**
- IIIf. MARGINALLY SUITED - Soil map units with SHWT and depth to bedrock limitation**
- IVa. NOT SUITED - Soil map units not suited due to excessive wetness**
- IVb. NOT SUITED - Soil map units not suited due to limited depth to bedrock and steep slope**
- IVc. NOT SUITED - Soil map units not suited due to very limited depth to bedrock on moderate slopes**
- IVd. NOT SUITED - Soil map units not suited due to slow permeability and steep slope**
- V. NOT RATED MAP UNITS**

\* for more information, contact Thomas Villars, Soil Resource Specialist (thomas.villars@vt.usda.gov)