

**ORLEANS COUNTY ANCILLARY SOIL RATINGS FOR RESIDENTIAL ON-SITE WASTE DISPOSAL
 NATURAL RESOURCES CONSERVATION SERVICE
 DRAFT COPY - OCTOBER 1, 2005**

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

MUID	MAP UNIT NAME	2003 ON-SITE CLASS
019002A	PEACHAM MUCK, 0 TO 3 PERCENT SLOPES, VERY STONY	IVa
019003B	VERSHIRE-LOMBARD COMPLEX, 3 TO 8 PERCENT SLOPES, ROCKY	IIC
019003C	VERSHIRE-LOMBARD COMPLEX, 8 TO 15 PERCENT SLOPES, ROCKY	IIC
019003D	VERSHIRE-LOMBARD COMPLEX, 15 TO 25 PERCENT SLOPES, ROCKY	IId
019005B	NICHOLVILLE VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIh
019005C	NICHOLVILLE VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	IIh
019005D	NICHOLVILLE VERY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	IIIE
019006B	VERSHIRE-LOMBARD COMPLEX, 3 TO 8 PERCENT SLOPES, VERY STONY	IIC
019006C	VERSHIRE-LOMBARD COMPLEX, 8 TO 15 PERCENT SLOPES, VERY STONY	IIC
019006D	VERSHIRE-LOMBARD COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	IId
019008A	ROUNABOUT SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
019012C	TUNBRIDGE-LYMAN COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIC
019012D	TUNBRIDGE-LYMAN COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IId
019012E	TUNBRIDGE-LYMAN COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
019014A	IRASBURG LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	IIh
019014B	IRASBURG LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES	IIh
019014C	IRASBURG LOAMY FINE SAND, 8 TO 15 PERCENT SLOPES	IIh
019014D	IRASBURG LOAMY FINE SAND, 15 TO 25 PERCENT SLOPES	IIIE
019014E	IRASBURG LOAMY FINE SAND, 25 TO 50 PERCENT SLOPES	IVd
019015B	DIXFIELD SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIh
019015C	DIXFIELD SANDY LOAM, 8 TO 15 PERCENT SLOPES	IIh
019015D	DIXFIELD SANDY LOAM, 15 TO 25 PERCENT SLOPES	IIIE
019016B	DIXFIELD SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	IIh
019016C	DIXFIELD SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIh
019016D	DIXFIELD SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIE
019016E	DIXFIELD SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IVd
019017B	BUCKLAND FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIIC
019017C	BUCKLAND FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	IIId
019017D	BUCKLAND FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	IIIE
019018B	BUCKLAND FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	IIIC
019018C	BUCKLAND FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIId
019018D	BUCKLAND FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIE
019018E	BUCKLAND FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IVd
019021A	NASMITH LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	IVa
019025	PITS, SAND AND PITS, GRAVEL	V
019026A	ADAMS LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	Ia
019026B	ADAMS LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES	Ia
019026C	ADAMS LOAMY FINE SAND, 8 TO 15 PERCENT SLOPES	Ia
019026D	ADAMS LOAMY FINE SAND, 15 TO 25 PERCENT SLOPES	Ib
019026E	ADAMS LOAMY FINE SAND, 25 TO 60 PERCENT SLOPES	IIIE
019027A	CROGHAN LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	IIh
019027B	CROGHAN LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES	IIh
019031A	SHEEPSCOT GRAVELLY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IIh
019031B	SHEEPSCOT GRAVELLY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIh
019033A	MOOSILAUKE VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IVa
019038A	COLTON-DUXBURY COMPLEX, 0 TO 3 PERCENT SLOPES	Ia
019038B	COLTON-DUXBURY COMPLEX, 3 TO 8 PERCENT SLOPES	Ia
019038C	COLTON-DUXBURY COMPLEX, 8 TO 15 PERCENT SLOPES	Ia
019038D	COLTON-DUXBURY COMPLEX, 15 TO 25 PERCENT SLOPES	Ib
019038E	COLTON-DUXBURY COMPLEX, 25 TO 60 PERCENT SLOPES	IIIE
019047A	CABOT SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
019047B	CABOT SILT LOAM, 3 TO 8 PERCENT SLOPES	IVa
019047C	CABOT SILT LOAM, 8 TO 15 PERCENT SLOPES	IIId
019050A	SCANTIC SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
019054B	SALMON VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
019054C	SALMON VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
019054D	SALMON VERY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	IId

019054E	SALMON VERY FINE SANDY LOAM, 25 TO 50 PERCENT SLOPES	IIIf
019058B	LAMOINE SILT LOAM, 3 TO 8 PERCENT SLOPES	IIIc
019058C	LAMOINE SILT LOAM, 8 TO 15 PERCENT SLOPES	IIId
019058D	LAMOINE SILT LOAM, 15 TO 25 PERCENT SLOPES	IIIe
019058E	LAMOINE SILT LOAM, 25 TO 50 PERCENT SLOPES	IVd
019059B	CABOT SILT LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	IVa
019059C	CABOT SILT LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIId
019060A	RUMNEY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	IVa
019070A	BUCKSPORT MUCK, 0 TO 2 PERCENT SLOPES, PONDED	IVa
019072A	CHARLES SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	IVa
019076A	PODUNK FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	IIIb
019079A	MEDOMAK MUCKY SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	IVa
019083A	WONSQUEAK AND PONDICHERY MUCKS, 0 TO 2 PERCENT SLOPES	IVa
019084A	BUCKSPORT MUCK, 0 TO 2 PERCENT SLOPES	IVa
019088D	LYMAN-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	IVc
019088F	LYMAN-ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES, VERY STONY	IVb
019092B	MONADNOCK FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
019092C	MONADNOCK FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
019092D	MONADNOCK FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Id
019093B	MONADNOCK FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	Ic
019093C	MONADNOCK FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
019093D	MONADNOCK FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	Id
019093E	MONADNOCK FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IIIf
019094C	VERSHIRE-GLOVER COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIc
019094D	VERSHIRE-GLOVER COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IIId
019094E	VERSHIRE-GLOVER COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
019096B	DUMMERSTON VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
019096C	DUMMERSTON VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
019096D	DUMMERSTON VERY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Id
019097B	DUMMERSTON VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	Ic
019097C	DUMMERSTON VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
019097D	DUMMERSTON VERY FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	Id
019097E	DUMMERSTON VERY FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IIIf
019100B	TUNBRIDGE-DIXFIELD COMPLEX, 3 TO 8 PERCENT SLOPES, ROCKY	IIIf
019100C	TUNBRIDGE-DIXFIELD COMPLEX, 8 TO 15 PERCENT SLOPES, ROCKY	IIIf
019100D	TUNBRIDGE-DIXFIELD COMPLEX, 15 TO 25 PERCENT SLOPES, ROCKY	IIIf
019101B	TUNBRIDGE-DIXFIELD COMPLEX, 3 TO 8 PERCENT SLOPES, VERY STONY	IIIf
019101C	TUNBRIDGE-DIXFIELD COMPLEX, 8 TO 15 PERCENT SLOPES, VERY STONY	IIIf
019101D	TUNBRIDGE-DIXFIELD COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIf
019101E	TUNBRIDGE-DIXFIELD COMPLEX, 35 TO 60 PERCENT SLOPES, VERY STONY	IVb
019104B	URBAN LAND-ADAMS-NICHOLVILLE COMPLEX, 0 TO 8 PERCENT SLOPES	V
019104C	URBAN LAND-ADAMS-NICHOLVILLE COMPLEX, 8 TO 15 PERCENT SLOPES	V
019104D	URBAN LAND-ADAMS-NICHOLVILLE COMPLEX, 15 TO 25 PERCENT SLOPES	V
019105	DUMPS, LANDFILL	V
019106	PITS, QUARRY-DUMPS, MINE COMPLEX	V
019112D	HOGBACK-RAWSONVILLE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IIIa
019112E	HOGBACK-RAWSONVILLE COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
019210E	RICKER-LONDONDERRY-STRATTON COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
019211F	RICKER-LONDONDERRY-ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES	IVb
019247B	COLONEL-CABOT COMPLEX, 3 TO 8 PERCENT SLOPES	IIIc
019247C	COLONEL-CABOT COMPLEX, 8 TO 15 PERCENT SLOPES	IIId
019247D	COLONEL-CABOT COMPLEX, 15 TO 25 PERCENT SLOPES	IIIe
019259B	COLONEL-CABOT COMPLEX, 3 TO 8 PERCENT SLOPES, VERY STONY	IIIc
019259C	COLONEL-CABOT COMPLEX, 8 TO 15 PERCENT SLOPES, VERY STONY	IIId
019259D	COLONEL-CABOT COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
019260F	UDORTHENTS, 60 TO 90 PERCENT SLOPES, VERY RUBBLY	V
019301C	TUNBRIDGE-DIXFIELD COMPLEX, 3 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	IIIf
019301D	TUNBRIDGE-DIXFIELD COMPLEX, 15 TO 35 PERCENT SLOPES, EXTREMELY BOULDERY	IIIf
019301E	TUNBRIDGE-DIXFIELD COMPLEX, 35 TO 60 PERCENT SLOPES, EXTREMELY BOULDERY	IVb

019316C	DIXFIELD SANDY LOAM, 3 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	IIh
019316D	DIXFIELD SANDY LOAM, 15 TO 35 PERCENT SLOPES, EXTREMELY BOULDERY	IIIe
019316E	DIXFIELD SANDY LOAM, 35 TO 60 PERCENT SLOPES, EXTREMELY BOULDERY	IVd
019359C	CABOT SILT LOAM, 3 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	IIIId
019393D	MONADNOCK FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, EXTREMELY BOULDERY	Id
019393E	MONADNOCK FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, EXTREMELY BOULDERY	IIf
019W	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**
- Ilg. 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)