

73: Scarboro muck, 0 to 3 percent slopes

The Scarboro component makes up 80 percent of the map unit. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. This component is on outwash plains, depressions, drainageways. The parent material consists of sandy glaciofluvial deposits derived from schist and/or gneiss and/or granite. Depth to a root restrictive layer is greater than 60 inches.

Important farmland classification: NPSL Land capability: 5 w Vermont Agricultural Value Group: 10

Vermont Residential Onsite Waste Disposal Group and Subgroup: IVa

This unit is generally not suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. Excessive soil wetness in association with the minimal slope is the limiting condition. Prolonged periods of saturation at or near the soil surface do not allow for the proper functioning of septic systems.

PHYSICAL and CHEMICAL PROPERTIES							EROSION FACTORS		
Soil name	Depth (In)	Typical texture	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	Kw	Kf	T
Scarboro	0-8	MUCK	---	3.8 - 5.5	1-14	55-100	---	---	1
	8-14	MK-FSL	3-10	4.5 - 6.0	1-14	5.0-13	.24	.24	
	14-22	S	1-5	4.5 - 6.0	1-100	0.1-0.5	.28	.28	
	22-65	GR-S	1-5	4.5 - 7.3	1-100	0.1-0.5	.10	.15	

WATER FEATURES						SOIL FEATURES		
Soil name	Hydrologic group	Depth to seasonal high water table (Feet)	Flooding		Ponding		Hydric soil?	Depth to bedrock (range in inches)
			Frequency	Duration	Frequency	Duration		
Scarboro	A/D	0.0-0.2	None		Frequent	Long (7 to 30 days)	Yes	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Scarboro	Dwellings with basements:	Very limited	Ponding		
Scarboro	Pond reservoir areas:	Very limited	Seepage		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Scarboro	Harvest equip operability:	Poorly suited	Low strength	Alder Swamp, Sedge Meadow, Red Maple-Black Ash Swamp
Scarboro	Road suitability:	Poorly suited	Low strength	
Scarboro	Erosion hazard (off-road):	Slight		