

WrA: Westbury stony fine sandy loam, 0 to 3 percent slopes

The Westbury component makes up 70 percent of the map unit. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is very low. This component is on mountains on glaciated uplands, hills on glaciated uplands. The parent material consists of coarse-loamy basal till. Depth to a root restrictive layer, densic material, is 17 to 37 inches.

Important farmland classification: Statewide	Land capability: 3 w	Vermont Agricultural Value Group: 6d
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Vermont Residential Onsite Waste Disposal Group and Subgroup: IIIc

This unit is marginally 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. The depth to the seasonal high water table in association with the minimal slope is the major limitation. A detailed, site-specific analysis is generally required. On-site groundwater level monitoring and determination of induced groundwater mounding is often necessary to establish the suitability of this unit. Curtain drains may help lower the water table to an acceptable level, however, the minimal slope may prevent their use in many areas.

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
Westbury	0-6	FSL	3-12	3.6 - 6.0	0.6-2	2.0-8.0	.20	.20	3
	6-20	FSL	3-12	3.6 - 6.0	0.6-2	1.0-3.0	.37	.37	
	20-60	FSL	3-12	4.5 - 6.0	0-0.2	0.0-1.0	.43	.43	

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		
Westbury	D	0.5-1.5	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Westbury	Dwellings with basements:	Very limited	Depth to saturated zone	Pasture	5.5 AUM
Westbury	Pond reservoir areas:	Somewhat limited	Seepage	Grass-legume hay	3 Tons
				Grass hay	3 Tons
				Corn silage	14 Tons
				Alfalfa hay	3 Tons

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Westbury	Harvest equip operability:	Well suited		Northern Hardwood Forest, Red Spruce-Northern Hardwood Forest, Lowland Spruce-Fir Forest
Westbury	Road suitability:	Moderately suited	Wetness	
Westbury	Erosion hazard (off-road):	Slight		