Study of Decentralized Wastewater Options for Waitsfield Village and Irasville
Town of Waitsfield, Vermont
TABLE 4
Summary of Soil Characteristics Related to Onsite Wastewater Treatment

Series Name	Mapping Unit	Slope (Percent)		Water Table (Feet)		Hydric Soil	Depth to Bedrock (Inches)		Potential On-Site System Suitability	% Study Area
		Low	High	Low	High		Low	High		
Buxton silt loam	41D	15	25	1.5	3	N	60	60	Mound or Filtrate + At-grade	0.0
Cabot silt loam	17C	8	15	0	1.5	Y	60	60	Performance-Based or Not Suited	1.6
Colonel fine sandy loam	14C	8	15	0.5	2	N	60	60	Filtrate + Mound w/Curtain Drain	3.0
Colton gravelly loamy sand	39A	0	3	6	6	N	60	60	Conventional Subsurface	11.3
Colton gravelly loamy sand	39B	3	8	6	6	N	60	60	Conventional Subsurface	12.2
Colton gravelly loamy sand	39C	8	15	6	6	N	60	60	Conventional Subsurface	2.9
Colton gravelly loamy sand	39D	15	25	6	6	N	60	60	Conventional Subsurface	3.6
Colton gravelly loamy sand	39E	25	60	6	6	N	60	60	Conventional w/Excessive Slope or Permeability	2.0
Grange silt loam	58A	0	3	0	1.5	Y	60	60	Performance-Based or Not Suited	9.0
Lamoine silt loam	44C	8	15	0.5	1.5	N	60	60	Filtrate + Mound w/Curtain Drain	4.4
Machias fine sandy loam	33A	0	3	1.5	2.5	N	60	60	Mound or Filtrate + At-grade	3.9
Machias fine sandy loam	33B	3	8	1.5	2.5	N	60	60	Mound or Filtrate + At-grade	3.1
Peru gravelly fine sandy loam	77D	15	25	1.5	2.5	N	60	60	Mound or Filtrate + At-grade	0.0
Rumney fine sandy loam	3A	0	2	0	1.5	Y	60	60	Performance-Based or Not Suited	3.3
Salmon very fine sandy loam	43E	25	50	6	6	N	60	60	Not Suited	2.3
Scantic silt loam	45A	0	3	0	1	Y	60	60	Performance-Based or Not Suited	1.4
Tunbridge-Lyman complex, very rocky	72D	15	35	6	6	N	10	40	Mound or Filtrate + At-grade	22.0
Waitsfield silt loam	59A	0	3	6	6	N	60	60	At-grade or Filtrate + Conventional	9.6
Water	W	999	999	99.9	99.9	w	999	999	Not Ranked	1.1
Weider very fine sandy loam	60A	0	3	1.5	3	N	60	60	Mound or Filtrate + At-grade	3.4

Source: National Resource Conservation Service (NRCS), SEI Field Notes

Notes: % Area was calculated using data from NRCS and Geographic Information Systems (GIS) by dividing the total area (acres) of each soil series in the study by the total land area (acres) within the study area.

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