



Commonwealth of Massachusetts
City/Town of Sherborn

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number: <u>SW-1</u>		Hole #	<u>3/11/2020</u>	Date	AM	Time	Sunny, 50	Weather	Latitude	Longitude:
1.	Land Use	<u>Meadow</u> (e.g., woodland, agricultural field, vacant lot, etc.)	<u>Grass</u> Vegetation	<u>None</u>	Surface Stones (e.g., cobbles, stones, boulders, etc.)				<u>2%</u>	Slope (%)
Description of Location: _____										
2.	Soil Parent Material:	<u>Ablation Till</u>	<u>Till Ridge</u> Landform	<u>Within fenced area</u> Position on Landscape (SU, SH, BS, FS, TS)						
3.	Distances from:	<u>Open Water Body</u> <u>> 100</u> feet	<u>Drainage Way</u> <u>> 25</u> feet	<u>Wetlands</u> <u>> 100</u> feet						
	<u>Property Line</u>	<u>> 10</u> feet	<u>Drinking Water Well</u> <u>> 100</u> feet	<u>Other</u> _____ feet						
4.	Unsuitable Materials Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes: <input type="checkbox"/> Disturbed Soil <input checked="" type="checkbox"/> Fill Material <input type="checkbox"/> Weathered/Fractured Rock <input type="checkbox"/> Bedrock							
5.	Groundwater Observed:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: <u>36"</u> Depth Weeping from Pit	Depth Standing Water in Hole _____						

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
0-24	Fill										
24-38	A/O	Sandy Loam									
38-49	G1	Sandy Loam	5 BG 6/1								Isolated pockets of loam
49	R										

Additional Notes:



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Deep Observation Hole Number:	SW-2	3/11/202	AM	Sunny, 50s	Latitude	Longitude:
Hole #	0	Time	Weather			
1. Land Use:	Meadow (e.g., woodland, agricultural field, vacant lot, etc.)	Grass Vegetation	None	Surface Stones (e.g., cobbles, stones, boulders, etc.)		
				2% Slope (%)		
Description of Location: Parking area at southern portion of site.						
2. Soil Parent Material:	Ablation Till			Landform	Grassed area near Hunter Lane Position on Landscape (SU, SH, BS, FS, TS)	
3. Distances from:	Open Water Body > 100 feet	Drainage Way > 25 feet	Wetlands > 100 feet			
	Property Line > 10 feet	Drinking Water Well > 100 feet	Other _____ feet			
4. Unsuitable Materials Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			If Yes: <input type="checkbox"/> Disturbed Soil <input checked="" type="checkbox"/> Fill Material <input type="checkbox"/> Weathered/Fractured Rock <input type="checkbox"/> Bedrock		
5. Groundwater Observed:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			If yes: 60" Depth Weeping from Pit	Depth Standing Water in Hole	

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
0-53	Fill										Trash, debris
53-106	C1	VFS/Loamy Sand	5 Y 7/2	48"					Massive	Friable	Pockets of loam, some stone and boulders
106	R										

Additional Notes:



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C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number:	SW-3 Hole #	3/11/202 0	AM Time	Sunny, 50s Weather	Latitude	Longitude:
1. Land Use:	Meadow (e.g., woodland, agricultural field, vacant lot, etc.)	Grass Vegetation	None	Surface Stones (e.g., cobbles, stones, boulders, etc.) 2% Slope (%)		
Description of Location: Parking area at southern portion of site.						
2. Soil Parent Material:	Ablation Till			Landform	Grassed area near Hunter Lane Position on Landscape (SU, SH, BS, FS, TS)	
3. Distances from:	Open Water Body > 100 feet	Drainage Way > 25 feet	Wetlands > 100 feet			
	Property Line > 10 feet	Drinking Water Well > 100 feet	Other _____ feet			
4. Unsuitable Materials Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <input type="checkbox"/> Disturbed Soil <input checked="" type="checkbox"/> Fill Material <input type="checkbox"/> Weathered/Fractured Rock <input type="checkbox"/> Bedrock					
5. Groundwater Observed:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes: 60" Depth Weeping from Pit _____ Depth Standing Water in Hole					

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
0-60	Fill										Trash, debris
60-108	C1	VFS/Loamy Sand	10 YR 7/6	60"					Massive	Friable	Pockets of loam, some stones and boulders

Additional Notes:
