Form 11 - Soil Evaluator Form

Commonwealth of Massachusetts

Town of : Chilmark

VLSE Job #1773

| Soil Suitability Assessment for On-Site Disposal | | | | | | | | | |
|---|-------------------------|--|------------------------|----------------|------------|--|--|--|--|
| Performed By: | Reid Silva | Date of Test: 12/22/2022 | | | | | | | |
| Witnessed By: | Anna McCaffrey | | | | | | | | |
| Location A/P: | 13-41 | Owner Name: | Clark Gof | f | | | | | |
| Location Address: | Marion Way | • | | | ng and Eng | | | | |
| Type of Construction | | c/o Vineyard Land Surveying and E P.O. Box 421, Cournoyer Rd. | | | | | | | |
| Type of construction | 1. New construction | | | .u. | | | | | |
| | | | West Tisbury, MA 02575 | | | | | | |
| | | | (508) 693 | -3774 | | | | | |
| | | Office Review | | | | | | | |
| Published Soil Surve | y Available: <u>YES</u> | | | | | | | | |
| Year Published - <u>198</u> | <u> 6</u> | Publication Scale - 1:20000 | Soi | l Limitations: | None | | | | |
| Soil Information: <u>180C - Chilmark sandy loam, 8 to 15 percent slopes - ChC</u> | | | | | | | | | |
| Surficial Geologic Re | port Available: YES | Drainage Class: | ED | | | | | | |
| Year Published: <u>1986</u> | | Publication Scale: N/A | | | | | | | |
| Geologic Material (map unit) and Landform: Qgh - Gay Head Moraine | | | | | | | | | |
| Geologic Material (n | nap unit) and Landform: | Qgh - Gay Head Morair | le | | | | | | |
| | | Flood Insurance Rate Map | | | | | | | |
| Above 500 ye | ear flood boundary: Yes | | | | | | | | |
| Within 500 ye | ear flood boundary: No | | | | | | | | |
| Within 100 ye | ear flood boundary: No | | | | | | | | |
| | | Matland Aver | | | | | | | |
| | | Wetland Area | | | | | | | |
| | ventory Map (map unit): | N/A | | | | | | | |
| Wetlands Conservan | cy Program Map (map uni | t): N/A | | | | | | | |
| | Curren | t Water Resource Conditions | (USGS) | | | | | | |
| Range: <u>Normal</u> | | | Month: | <u>January</u> | | | | | |
| Other References Re | eviewed: Groundwater Hy | drology of Martha's Vineyard, | Mass. Dela | ney, 1980 | | | | | |

| Location Address or Lot No. | | Marion Way | | | <u>Chilmark</u> | <u>Chilmark</u> | | | | |
|--|--------------------------------|-----------------|---|-------------------------|------------------|--|--------------|--|--|--|
| | | | A/P: <u>13-41</u> | | | VLSE Job #1773 | | | | |
| Deep Hole Number: 1 and | | 2 Date: | 12/22 | /2022 | Time: Mid Day | Weather: Clear | | | | |
| Slope: 3 to 8 Hole Location | | | Landuse: Residential on. Position on Landscape, Distances from Ope Drinking Water Well, Drainage way, Prope | | | | | | | |
| DEEP HOLE OBSERVATION LOG | | | | | | | | | | |
| | | | | | | | | | | |
| | Depth from Surface (inches) | Soil Horizon | Soil Texture (USDA) | Soil Color (Munsell) | Soil Mottling | Other (Structure, Stones, Boulders, Consistncy, % Gravel) | | | | |
| | 0 - 10 | А | Sandy loam | х | Х | | | | | |
| TH #1 | 10 - 36 | В | Sandy loam | Х | х | Groundwater: NO GW found at E | lev. = 191.8 | | | |
| | 36 - 70 | C1 | Sandy loam | Х | х | | | | | |
| | 70 - 94 | C2 | Silt Loam | х | х | | | | | |
| | 94 - 138 | С3 | Medium Sand | Х | х | | | | | |
| - | 0 - 8 | А | Sandy loam | х | х | Perc. Rate < 5 M | IPI @ 60 " | | | |
| | 8 - 38 | В | Sandy loam | Х | Х | Groundwater: NO GW found at E | lev. = 185.7 | | | |
| | 38 - 60 | C1 | Silty Loam | Х | Х | | | | | |
| | 60 - 96 | C2 | Loamy Sand | Х | Х | | | | | |
| | 96 - 144 | C3 | Medium Sand | х | х | | | | | |
| Daron | t Matorial (goo | | Moraina | | Depth to Be | drock: N/A | | | | |
| Parent Material (geologic):MoraineDepth to Bedrock: N/ADepth to Groundwater Information:Weeping From Pit Face: N/A | | | | | | | | | | |
| | ing Water in the | | | | weeping in | | | | | |
| | - | | <u>No</u> Water: | <u>∖12' ¤</u> | alow Tost H | olo #2 | | | | |
| Estimated Seasonal High Ground Water: >12' Below Test Hole #2 Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed | | | | | | | | | | |
| for the soil absorbtion system? <u>YES</u> | | | | | | | | | | |
| If not, what is the depth of the naturally occurring pervious material? <u>N/A</u> | | | | | | | | | | |
| | | | | | | | | | | |
| I certify that on <u>11/22/2002 - rs</u> I have passed the soil evaluator examination approved by the Department of Environmental | | | | | | | | | | |
| Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described | | | | | | | | | | |
| in 310 CMR 15.017 | | | | | | | | | | |
| | | | | | | | | | | |

Signature: