



March 11, 2022

Martha's Vineyard Commission
PO Box 1447
Oak Bluffs, MA 02557

**RE: Harborwood, LLC / Vineyard Wind
69 Beach Road
Map 9-A Parcel 18.1
Tisbury, MA
Ground Water Elevation**

Dear Commission Members,

Sourati Engineering Group, LLC monitored the ground water elevation on the property from January 7, 2020 to January 17, 2022, see attached Groundwater Monitoring Well Sketch dated March 11, 2022. The highest ground water elevation was encountered at high tide during an extremely high wind storm on December 17, 2020 at 1.39'. Below is a table showing the observed ground water elevations:

Date	Ground Water Elevation
1-7-2020	0.43'
2-14-2020	0.41'
2-27-2020	0.72'
7-15-2020	0.48'
10-1-2020	0.51'
10-22-2020	0.42'
10-29-2020	0.42'
11-25-2020	0.32'
12-14-2020	0.53'
12-17-2020	1.39'
12-18-2020	1.32'
3-12-2021	0.34'
1-17-2022	0.44'

Based on the data collected, ground water is not a source of flooding on the site. Since the subject property is shaped like a bowl, stormwater from the adjacent properties, which are at higher elevations than the subject property, discharges onto the site.

Please contact me if you have any questions.

Sincerely,

George Sourati, P.E.

Enc: Groundwater Monitoring Well Sketch