

Modeling Location	Project Operation (dBA)	Baseline Level (dBA)
Bass River Beach, Yarmouth	19.2	60.8 – 68.0
Point Gammon, Yarmouth	25.2	60.8 – 68.0
Lewis Bay, Yarmouth	21.0	53.6 – 59.8
Hyannisport, Barnstable	23.8	53.6 – 59.8
Hyannis Point, Barnstable	24.6	53.6 – 59.8
Wianno Beach, Barnstable	25.9	53.6 – 59.8
Oregon Beach, Barnstable	25.1	53.6 – 59.8
New Seabury, Mashpee	24.4	53.6 – 59.8
Oak Bluffs, Martha's Vineyard	19.5	62.0 – 70.5
Edgartown, Martha's Vineyard	19.3	62.0 – 70.5
Cape Poge, Martha's Vineyard	25.0	62.0 – 70.5

	Buoy G5	Buoy R20
<b>Cut-In Wind Speed Condition</b>		
Project Operation (dBA)	29.9	34.3
Baseline Level (dBA)	46.4	51.0
<b>Design Wind Speed Condition</b>		
Project Operation (dBA)	39.7	44.7
Baseline Level (dBA)	60.4	65.0

Project Activity	Potential Emission Rates (tons/year)						
	CO	SO <sub>2</sub>	PM <sub>10</sub> /PM <sub>2.5</sub>	NO <sub>x</sub>	VOC	CO <sub>2</sub>	HAPs
Preconstruction	7.6	2.5	0.6	19.6	0.8	919.0	0.0 <u>b/</u>
Construction Year 1	182.8	111.0	24.9	838.0	25.8	39,947.9	0.4
Construction Year 2	78.3	47.6	10.7	359.1	11.0	17,120.5	0.2
Operations <u>c/</u>	15.4	4.2	0.9	32.2	1.3	1,521.1	0.0 <u>d/</u>
Decommissioning	214.8	130.2	29.4	984.7	30.5	46,905.0	0.4
Total <u>e/</u>	791.5	375.3	83.6	2,845.4	94.1	135,314.4	1.4

a/ Potential Project emissions do not include any emissions from onshore activities.  
b/ Preconstruction potential HAP emissions are less than 0.01 tons/year.  
c/ Operations potential emissions per year.  
d/ Operations potential HAP emissions are less than 0.02 tons/year.  
e/ Total potential Project emissions are the sum of preconstruction, two years of construction, 20 years of operations, and decommissioning activities.